

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
 Data File : BG053205.D
 Acq On : 19 Apr 2022 21:11
 Operator : CG/JU
 Sample : N2452-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-15-1-4

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053205.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.682	384	390	398	rBV	364985	618232	45.58%	2.896%
2	6.069	451	456	460	rBV5	11268	19126	1.41%	0.090%
3	6.128	460	466	475	rVB6	16998	31760	2.34%	0.149%
4	6.387	502	510	517	rBV7	16746	39891	2.94%	0.187%
5	6.604	541	547	550	rBV4	13483	26929	1.99%	0.126%
6	6.669	554	558	563	rVB2	21969	33508	2.47%	0.157%
7	6.757	568	573	588	rVB5	25595	80535	5.94%	0.377%
8	7.009	609	616	623	rVB5	13553	34078	2.51%	0.160%
9	7.109	623	633	638	rBV5	24927	57398	4.23%	0.269%
10	7.209	646	650	654	rBV4	11820	19485	1.44%	0.091%
11	7.279	654	662	668	rVV	436111	794685	58.59%	3.723%
12	7.338	668	672	679	rVB2	26748	50765	3.74%	0.238%
13	7.450	687	691	696	rVB6	12748	23322	1.72%	0.109%
14	7.509	696	701	707	rBV5	21567	41964	3.09%	0.197%
15	7.738	736	740	742	rBV	25221	36213	2.67%	0.170%
16	7.767	742	745	750	rVB2	29435	44282	3.26%	0.207%
17	8.120	797	805	811	rVB2	133821	298844	22.03%	1.400%
18	8.243	821	826	833	rBV5	37140	69886	5.15%	0.327%
19	8.307	833	837	840	rVV5	15001	24653	1.82%	0.115%
20	8.354	840	845	851	rVV	106498	189886	14.00%	0.890%
21	8.407	851	854	862	rVB5	25399	49332	3.64%	0.231%
22	8.607	883	888	892	rBV2	33624	52379	3.86%	0.245%
23	8.666	892	898	910	rVB2	135017	315363	23.25%	1.477%
24	8.760	910	914	915	rBV	26093	30933	2.28%	0.145%
25	8.795	915	920	926	rVB	128068	207417	15.29%	0.972%
26	8.866	928	932	938	rBV3	19965	37681	2.78%	0.177%
27	9.007	946	956	960	rBV	93392	222080	16.37%	1.040%
28	9.159	973	982	990	rBV5	33459	116135	8.56%	0.544%
29	9.242	990	996	997	rBV4	37597	66931	4.93%	0.314%
30	9.277	997	1002	1008	rVB	211038	364954	26.91%	1.710%
31	9.459	1025	1033	1037	rBV2	40515	110209	8.12%	0.516%
32	9.512	1037	1042	1047	rVB	51970	101320	7.47%	0.475%
33	9.647	1059	1065	1069	rBV2	71335	119564	8.81%	0.560%
34	9.700	1069	1074	1079	rVB2	174921	278358	20.52%	1.304%
35	9.753	1079	1083	1089	rVB6	25699	49213	3.63%	0.231%
36	9.817	1089	1094	1098	rBV4	56262	128681	9.49%	0.603%

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37	9.894	1104	1107	1112	rVB	82084	119488	8.81%	0.560%
38	9.946	1112	1116	1120	rBV2	40847	59682	4.40%	0.280%
39	10.017	1125	1128	1137	rVB7	30425	73057	5.39%	0.342%
40	10.129	1141	1147	1151	rBV5	36576	71817	5.29%	0.336%
41	10.211	1154	1161	1166	rBV3	93417	216212	15.94%	1.013%
42	10.264	1166	1170	1173	rVV	48256	65167	4.80%	0.305%
43	10.334	1173	1182	1189	rVV	548198	1033613	76.20%	4.842%
44	10.411	1189	1195	1198	rVV	401650	671002	49.47%	3.144%
45	10.440	1198	1200	1206	rVB	186224	241897	17.83%	1.133%
46	10.510	1206	1212	1223	rBV3	184553	353823	26.08%	1.658%
47	10.604	1223	1228	1231	rBV	46364	72399	5.34%	0.339%
48	10.657	1231	1237	1241	rBV	97639	181542	13.38%	0.851%
49	10.792	1255	1260	1273	rBV3	93869	226157	16.67%	1.060%
50	10.904	1273	1279	1280	rBV3	106992	197691	14.57%	0.926%
51	10.933	1280	1284	1286	rBV	54055	80159	5.91%	0.376%
52	11.016	1294	1298	1304	rBV7	25700	56552	4.17%	0.265%
53	11.086	1305	1310	1316	rVB2	79702	137282	10.12%	0.643%
54	11.221	1328	1333	1337	rBV2	127487	240904	17.76%	1.129%
55	11.403	1358	1364	1365	rBV3	67870	99694	7.35%	0.467%
56	11.480	1373	1377	1380	rBV2	67267	99614	7.34%	0.467%
57	11.638	1399	1404	1409	rBV3	70665	133341	9.83%	0.625%
58	11.715	1411	1417	1419	rBV5	53844	102741	7.57%	0.481%
59	11.756	1419	1424	1428	rBV4	154713	326757	24.09%	1.531%
60	11.838	1433	1438	1444	rVB	166210	267916	19.75%	1.255%
61	11.903	1444	1449	1455	rBV	249828	489910	36.12%	2.295%
62	12.044	1467	1473	1479	rBV2	174689	313998	23.15%	1.471%
63	12.126	1479	1487	1493	rBV	200524	370120	27.29%	1.734%
64	12.185	1494	1497	1499	rBV	38433	54441	4.01%	0.255%
65	12.290	1511	1515	1519	rBV3	70063	108142	7.97%	0.507%
66	12.337	1519	1523	1525	rVV2	45454	73323	5.41%	0.344%
67	12.367	1526	1528	1531	rVV2	57962	72782	5.37%	0.341%
68	12.402	1531	1534	1537	rVB	44225	52652	3.88%	0.247%
69	12.437	1537	1540	1542	rBV2	23821	26620	1.96%	0.125%
70	12.525	1550	1555	1561	rBV3	88469	195455	14.41%	0.916%
71	12.578	1561	1564	1568	rVB	94964	130592	9.63%	0.612%
72	12.760	1587	1595	1599	rBV2	89685	200991	14.82%	0.942%
73	12.819	1600	1605	1612	rVB	393413	642213	47.35%	3.009%
74	12.890	1614	1617	1620	rBV2	49484	82481	6.08%	0.386%
75	12.966	1627	1630	1638	rVB	87689	134219	9.89%	0.629%
76	13.166	1660	1664	1667	rVB	68336	87535	6.45%	0.410%

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77	13.224	1671	1674	1678	rVV2	81482	136252	10.04%	0.638%
78	13.277	1680	1683	1688	rVB	137201	200563	14.79%	0.940%
79	13.365	1694	1698	1703	rVB	661834	988719	72.89%	4.632%
80	13.459	1711	1714	1723	rVB3	80747	163508	12.05%	0.766%
81	13.553	1724	1730	1735	rBV5	75892	182277	13.44%	0.854%
82	13.741	1758	1762	1765	rBV3	47390	89310	6.58%	0.418%
83	14.053	1812	1815	1821	rBV4	58381	106167	7.83%	0.497%
84	14.170	1831	1835	1839	rBV4	91853	157431	11.61%	0.738%
85	14.217	1839	1843	1854	rVB	157196	254559	18.77%	1.193%
86	14.575	1900	1904	1909	rVB2	106868	178646	13.17%	0.837%
87	14.634	1910	1914	1915	rBV3	27740	39596	2.92%	0.186%
88	14.746	1922	1933	1939	rBV	282382	613386	45.22%	2.874%
89	15.128	1996	1998	2003	rVB2	56817	80554	5.94%	0.377%
90	15.251	2016	2019	2024	rVB5	55236	87121	6.42%	0.408%
91	15.533	2064	2067	2070	rVB4	50905	62331	4.60%	0.292%
92	15.985	2139	2144	2150	rVB	200437	332369	24.50%	1.557%
93	16.226	2181	2185	2192	rVB	461708	706581	52.09%	3.310%
94	16.461	2219	2225	2230	rBV	556847	841363	62.03%	3.942%
95	17.284	2361	2365	2377	rVB	569020	930743	68.62%	4.361%
96	17.489	2395	2400	2405	rBV	338123	588535	43.39%	2.757%
97	17.895	2465	2469	2473	rBV	207416	298184	21.98%	1.397%
98	20.092	2839	2843	2848	rVB	1054468	1356448	100.00%	6.355%

Sum of corrected areas: 21344616

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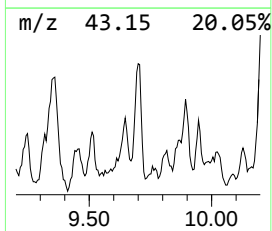
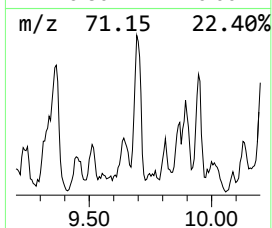
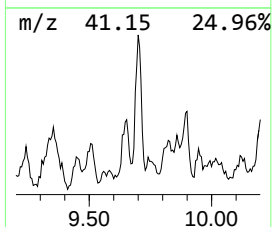
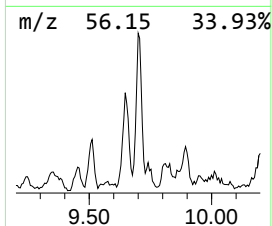
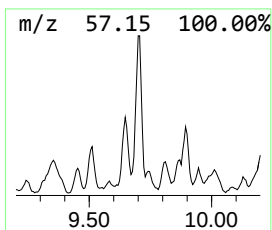
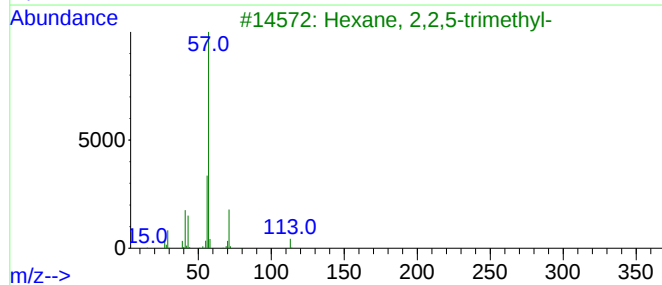
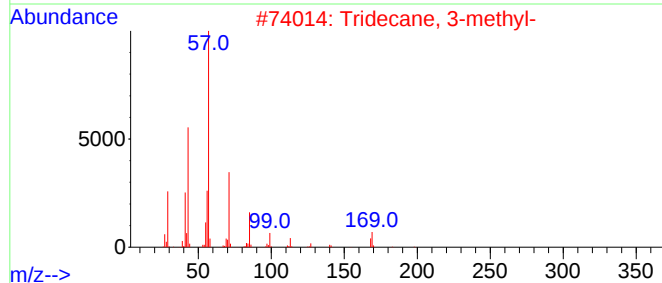
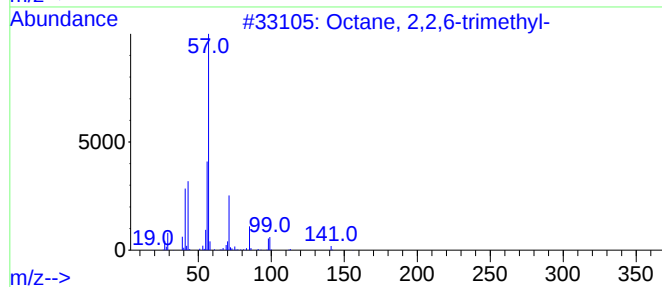
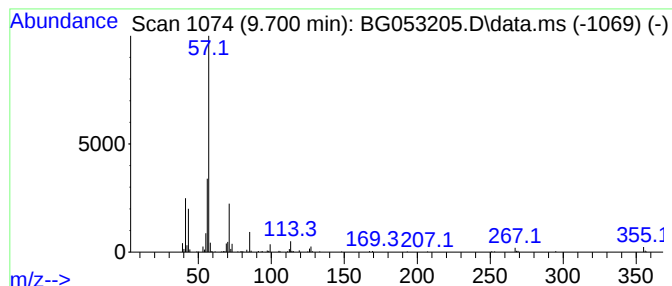
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Octane, 2,2,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.700	69.45 ng	278358	Naphthalene-d8	10.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64
2			Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
3			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	53
4			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53
5			Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	50



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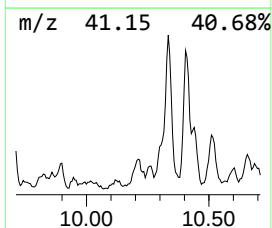
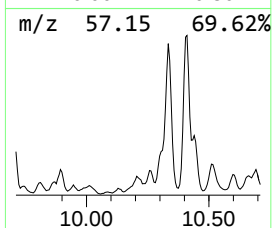
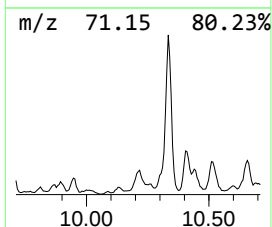
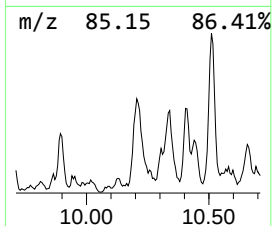
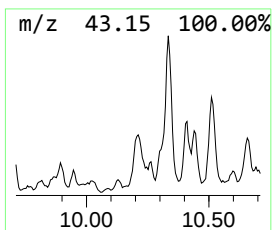
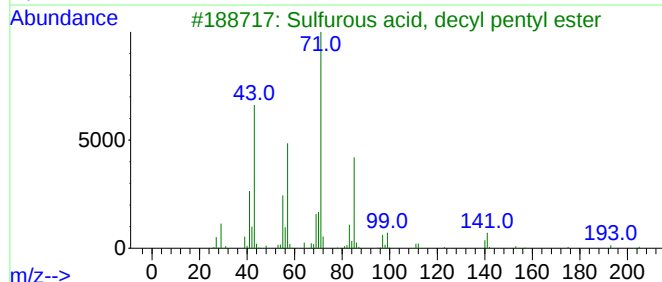
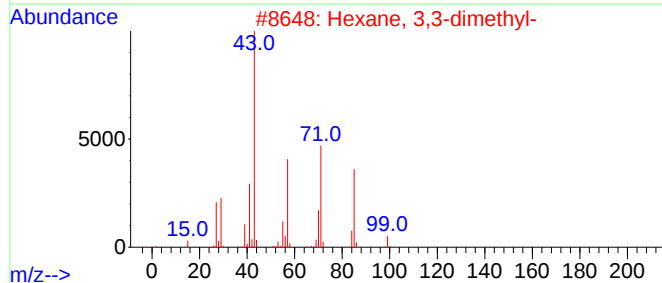
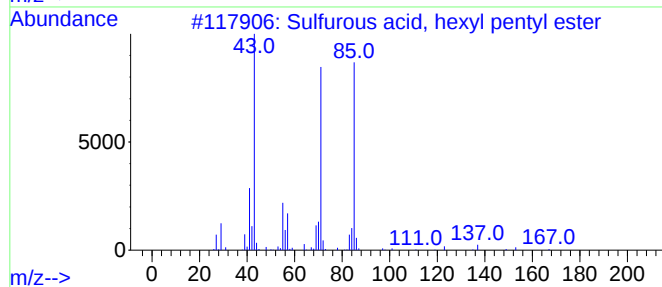
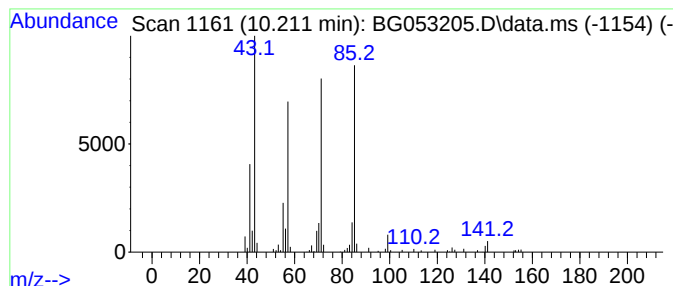
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Sulfurous acid, hexyl penty... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.211	53.95 ng	216212	Naphthalene-d8	10.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	83
2			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
3			Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	50
4			Pentanoic acid, 2,2-dimethyl-, e...	156	C9H16O2	044970-05-0	43
5			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	43



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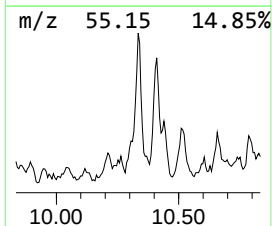
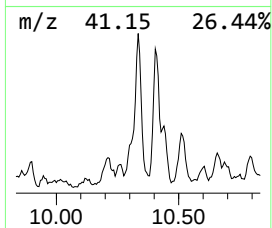
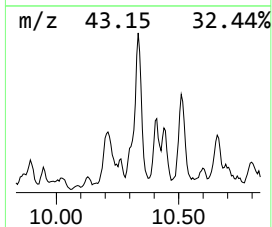
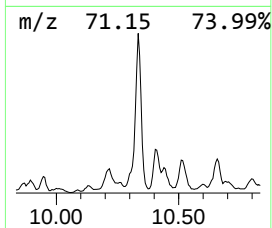
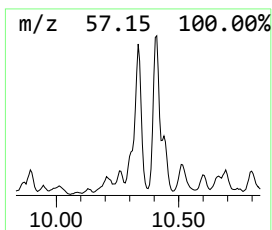
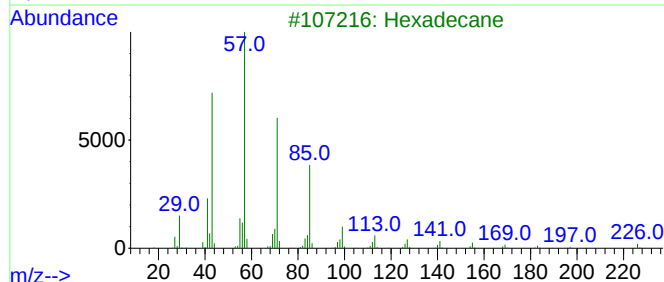
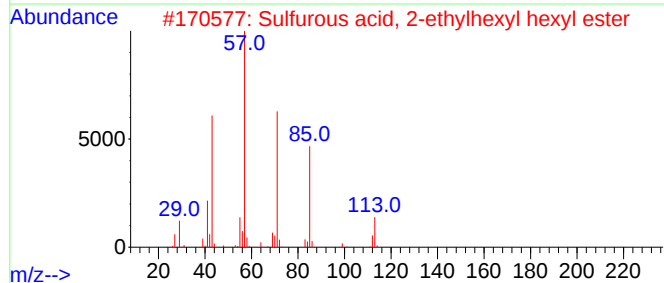
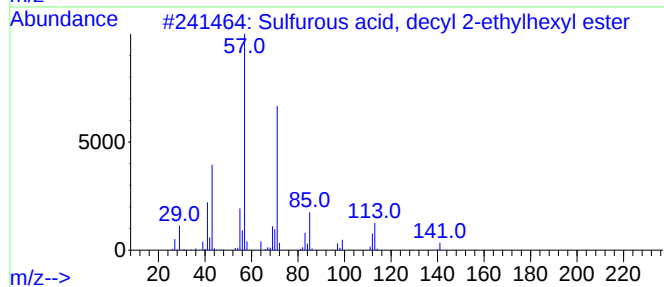
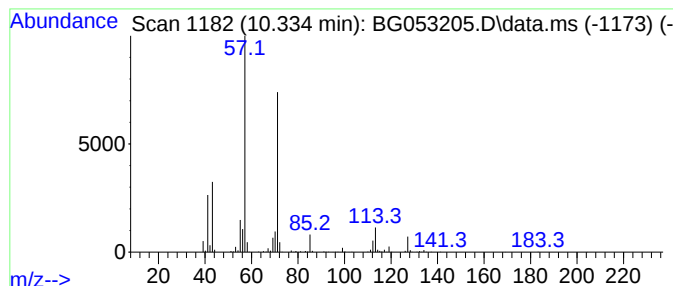
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Sulfurous acid, decyl 2-eth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.334	257.89 ng	1033610	Naphthalene-d8	10.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	78
2			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	78
3			Hexadecane	226	C16H34	000544-76-3	72
4			3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	72
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72



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Misc :
ALS Vial : 14 Sample Multiplier: 1

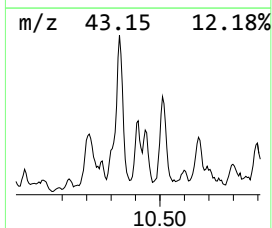
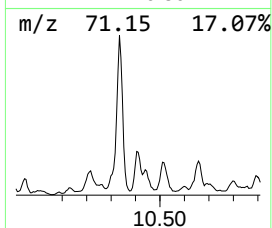
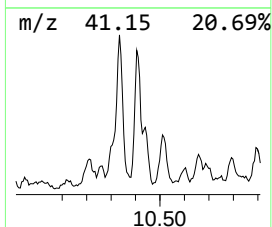
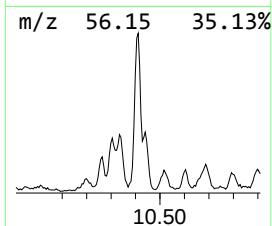
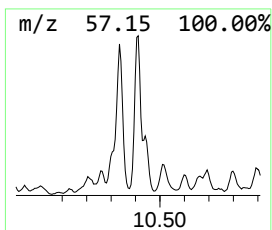
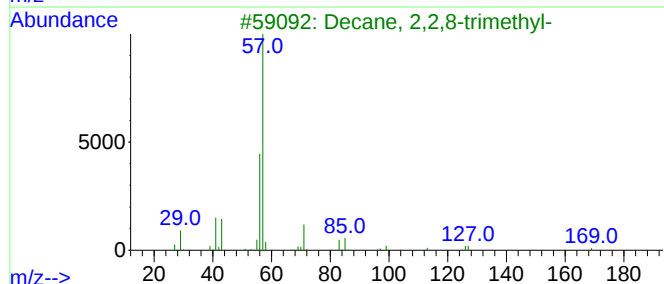
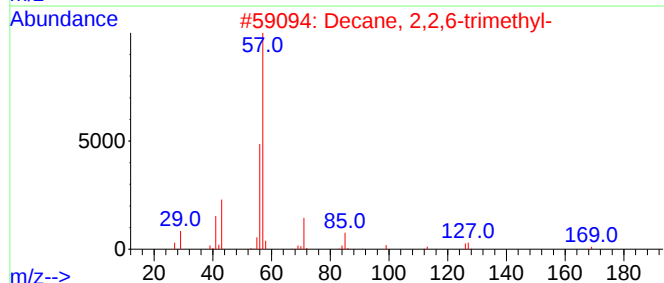
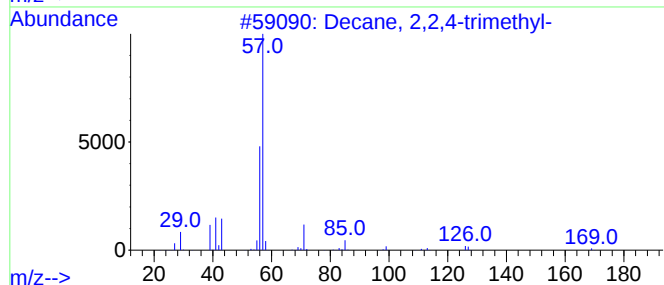
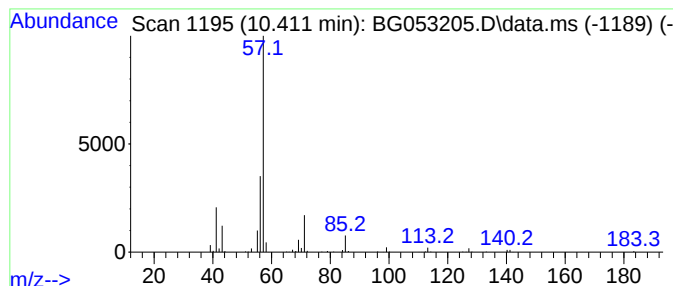
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ClientSampleId :
WC-15-1-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Decane, 2,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.411	167.42 ng	671002	Naphthalene-d8	10.933	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,2,4-trimethyl-	184	C13H28	062237-98-3	78
2	Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	72
3	Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	72
4	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053205.D
Acq On : 19 Apr 2022 21:11
Operator : CG/JU
Sample : N2452-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-15-1-4

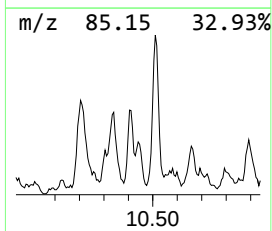
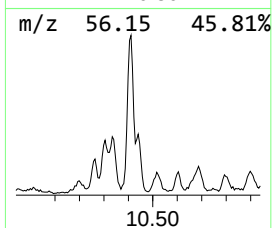
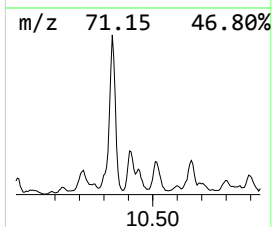
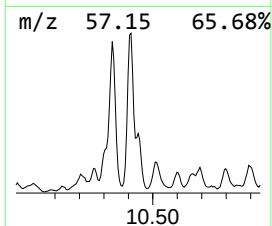
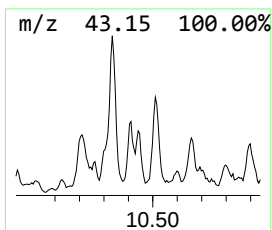
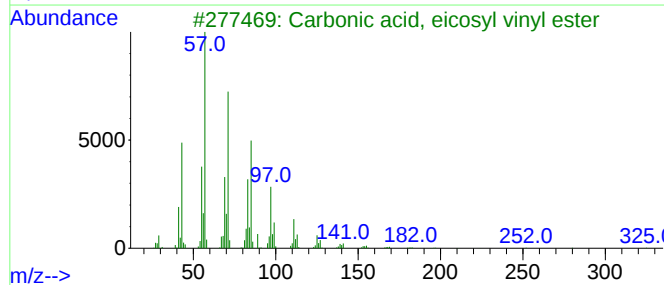
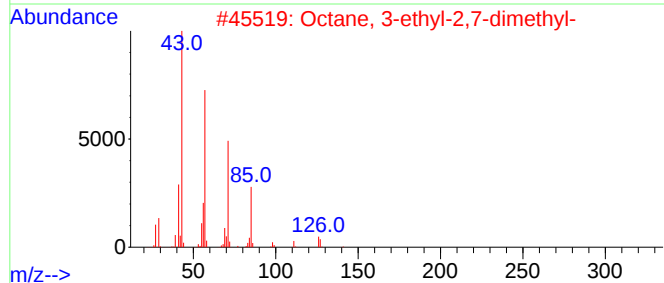
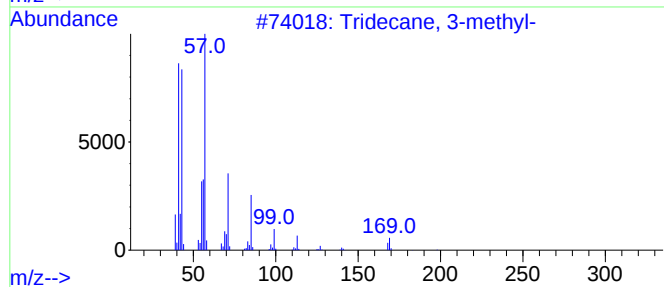
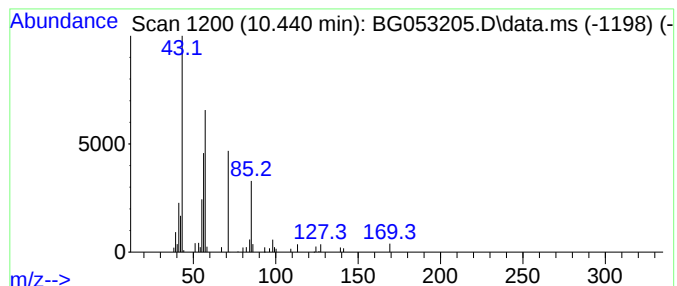
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tridecane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.440	60.35 ng	241897	Naphthalene-d8	10.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
2			Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	53
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	53
4			Nonadecane	268	C19H40	000629-92-5	50
5			Pentadecane	212	C15H32	000629-62-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053205.D
Acq On : 19 Apr 2022 21:11
Operator : CG/JU
Sample : N2452-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-15-1-4

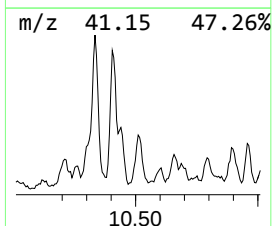
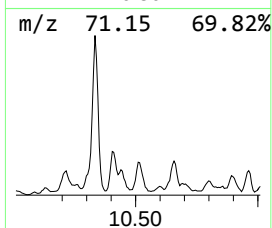
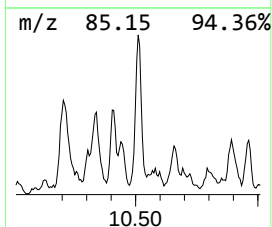
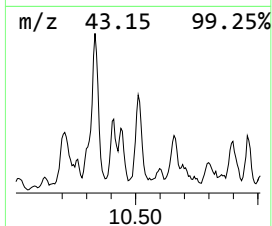
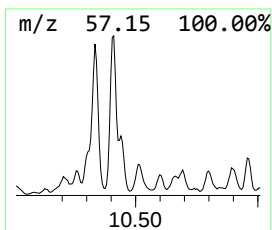
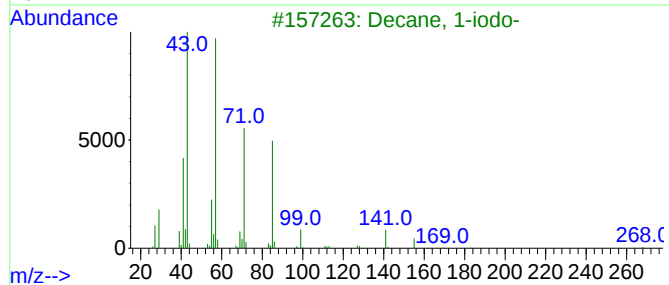
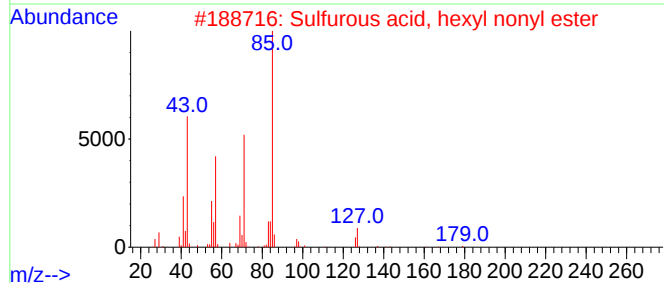
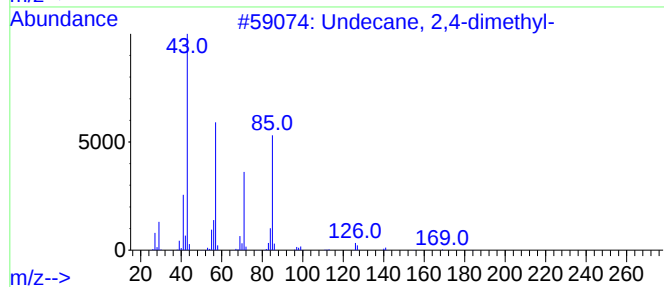
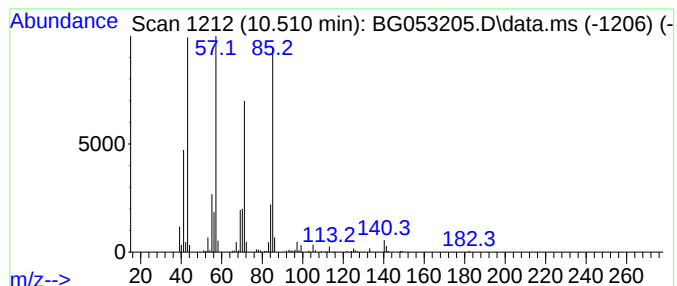
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Undecane, 2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.510	88.28 ng	353823	Naphthalene-d8	10.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	72
2			Sulfurous acid, hexyl nonyl ester	292	C15H32O3S	1000309-13-1	64
3			Decane, 1-iodo-	268	C10H21I	002050-77-3	59
4			Undecane, 4,4-dimethyl-	184	C13H28	017312-68-4	53
5			Butane, 2-iodo-2,3-dimethyl-	212	C6H13I	000594-59-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053205.D
Acq On : 19 Apr 2022 21:11
Operator : CG/JU
Sample : N2452-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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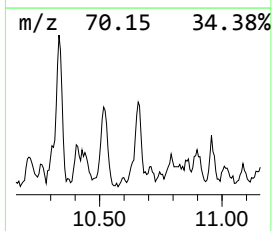
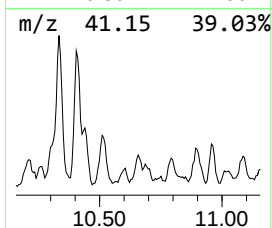
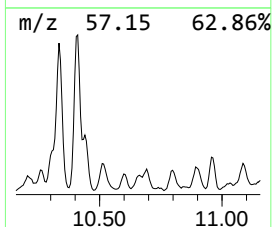
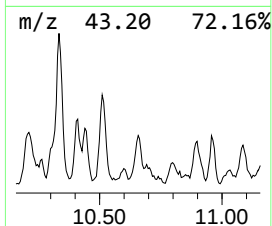
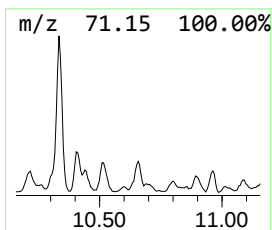
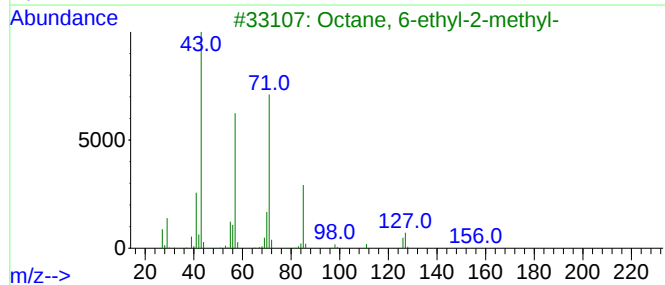
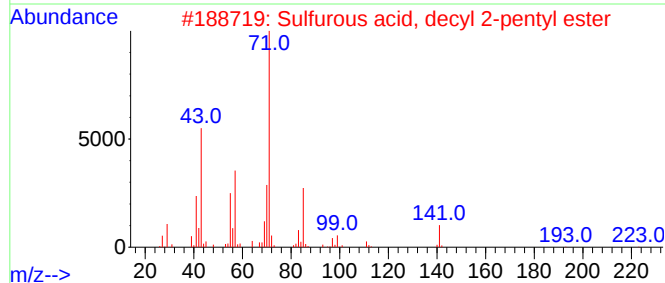
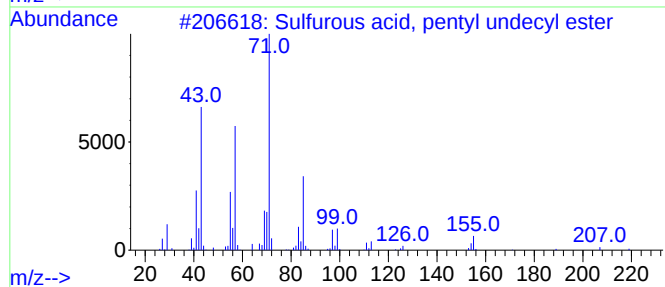
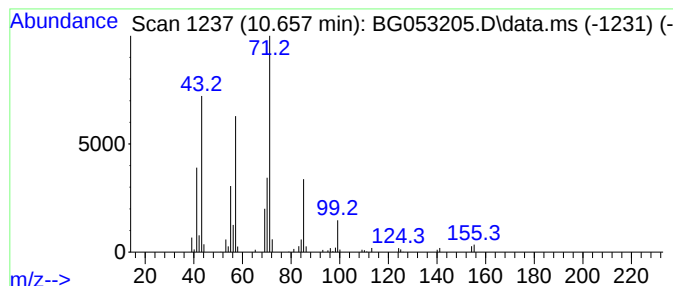
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Sulfurous acid, pentyl unde... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.657	45.30 ng	181542	Naphthalene-d8	10.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	78
2			Sulfurous acid, decyl 2-pentyl e...	292	C15H32O3S	1000309-15-9	72
3			Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	72
4			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	64
5			Decane, 4-methyl-	156	C11H24	002847-72-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053205.D
Acq On : 19 Apr 2022 21:11
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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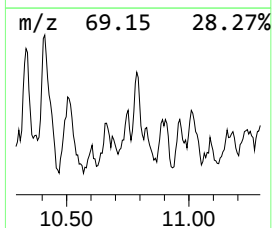
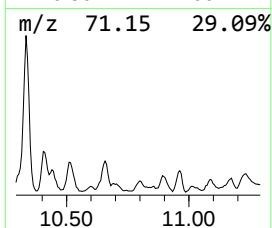
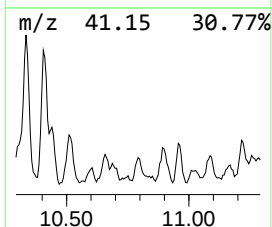
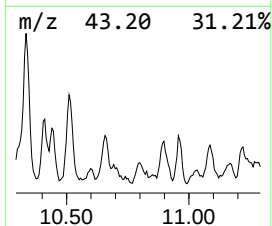
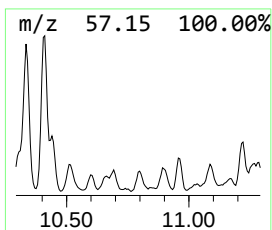
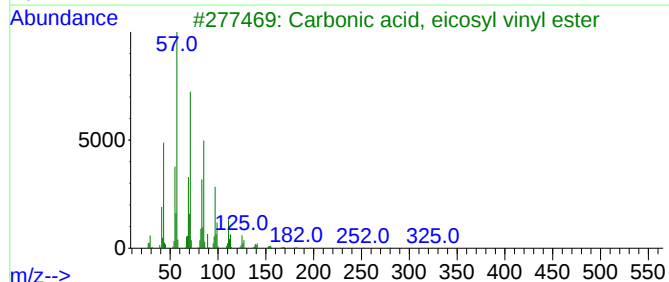
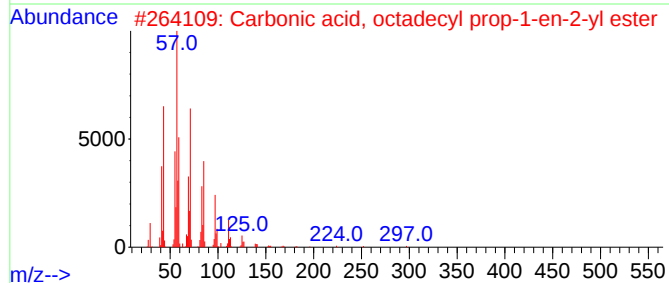
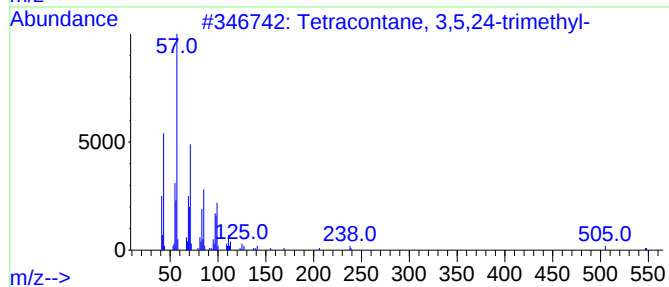
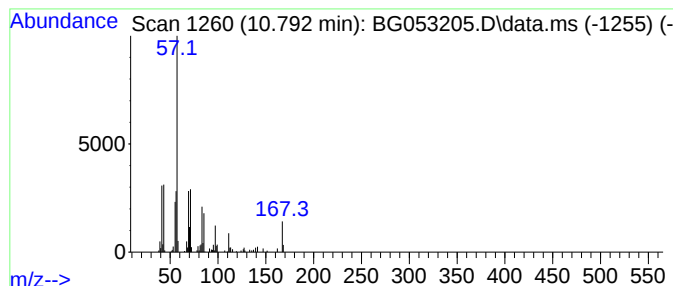
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown10.792 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.792	56.43 ng	226157	Naphthalene-d8	10.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	47
2			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	47
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	47
4			Docosyl octyl ether	438	C30H62O	1000406-38-9	47
5			Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053205.D
Acq On : 19 Apr 2022 21:11
Operator : CG/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-15-1-4

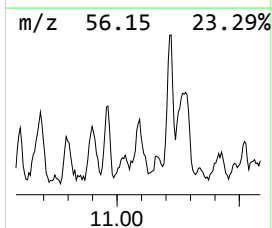
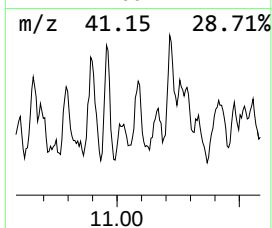
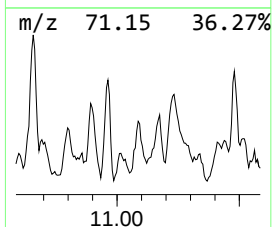
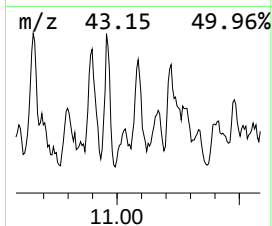
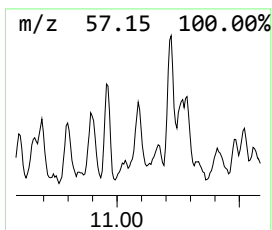
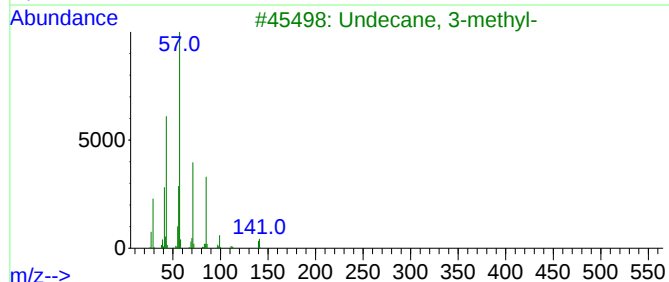
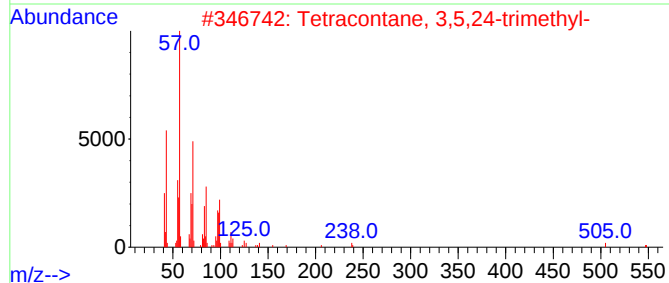
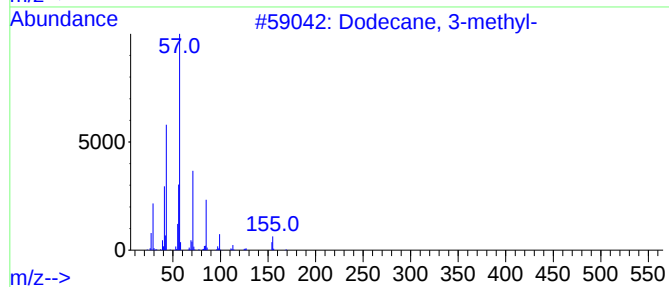
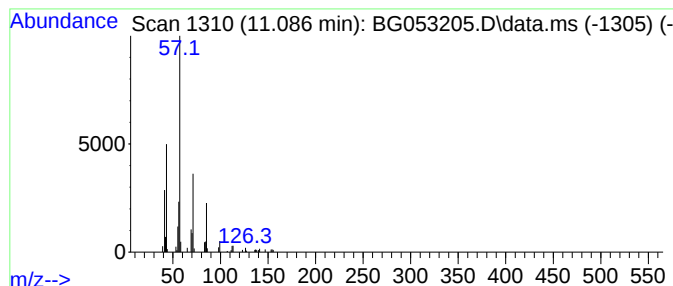
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Dodecane, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.086	34.25 ng	137282	Naphthalene-d8	10.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
2			Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	64
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	64
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
5			Nonadecane	268	C19H40	000629-92-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053205.D
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Operator : CG/JU
Sample : N2452-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

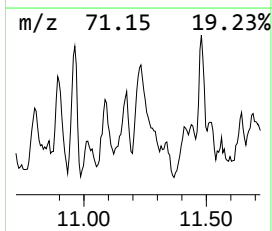
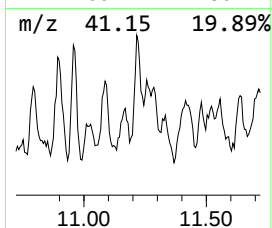
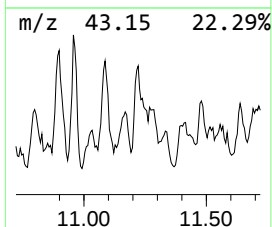
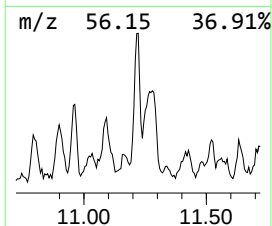
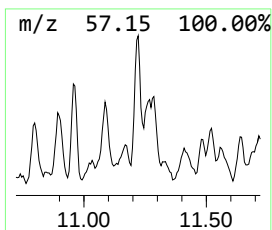
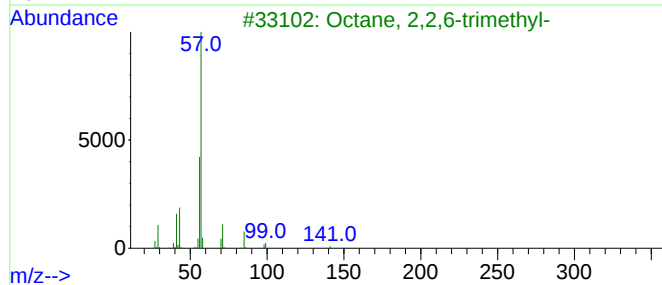
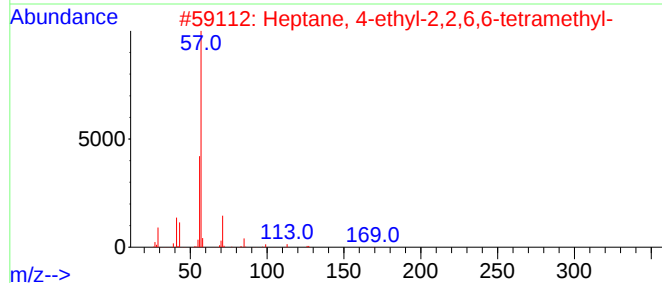
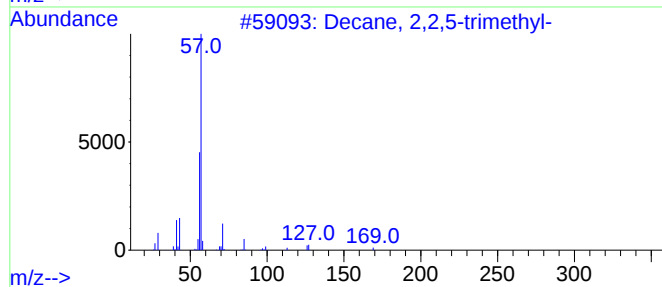
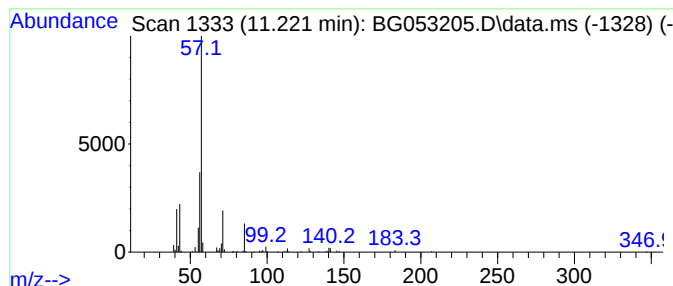
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ClientSampleId :
WC-15-1-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Decane, 2,2,5-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.221	60.11 ng	240904	Naphthalene-d8	10.933	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	72
2	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	64
3	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64
4	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	64
5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053205.D
Acq On : 19 Apr 2022 21:11
Operator : CG/JU
Sample : N2452-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-15-1-4

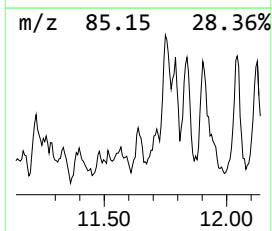
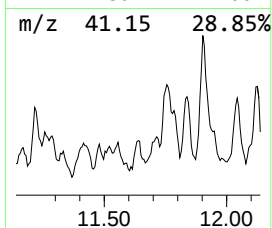
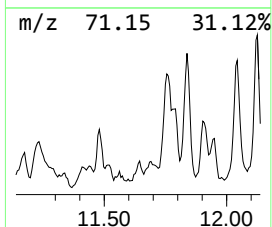
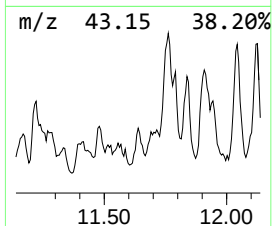
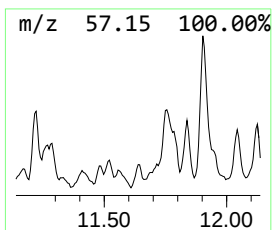
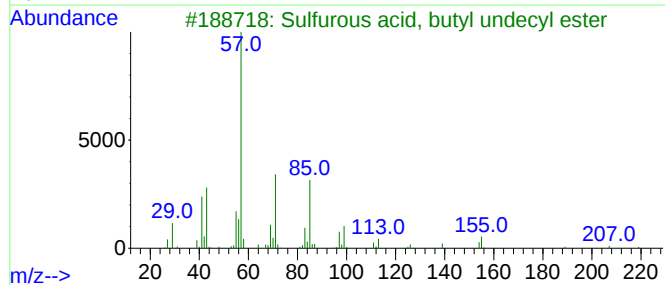
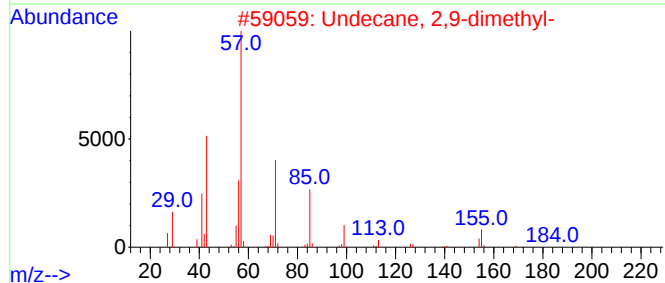
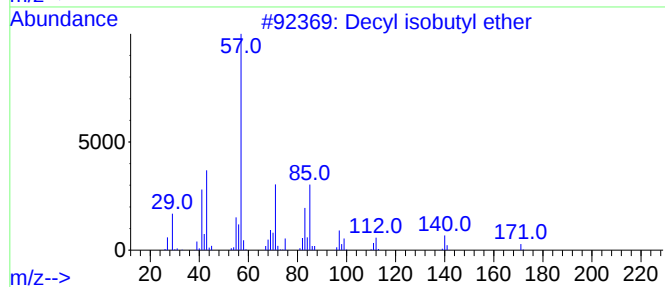
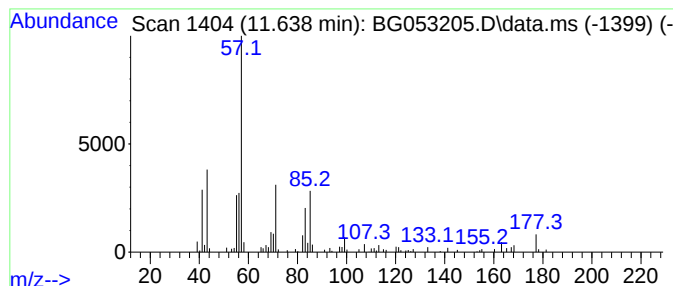
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Decyl isobutyl ether Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.638	33.27 ng	133341	Naphthalene-d8	10.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decyl isobutyl ether	214	C14H30O	1010406-32-5	59
2			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	53
3			Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	50
4			Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
5			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053205.D
Acq On : 19 Apr 2022 21:11
Operator : CG/JU
Sample : N2452-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-15-1-4

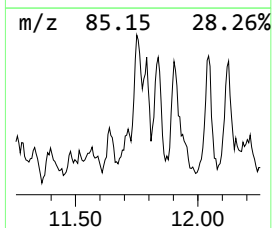
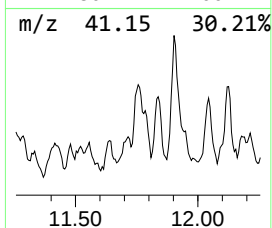
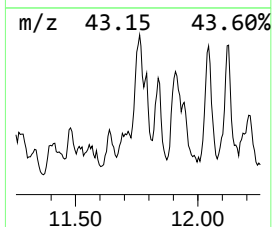
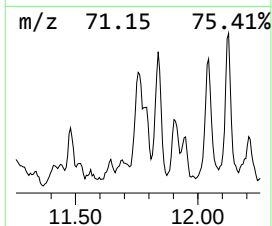
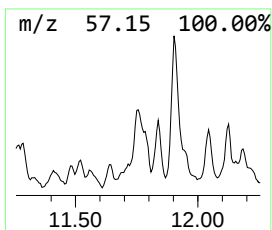
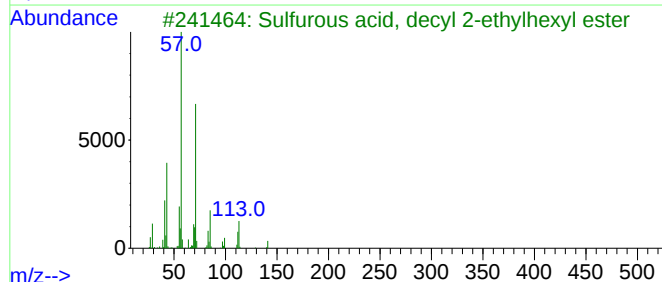
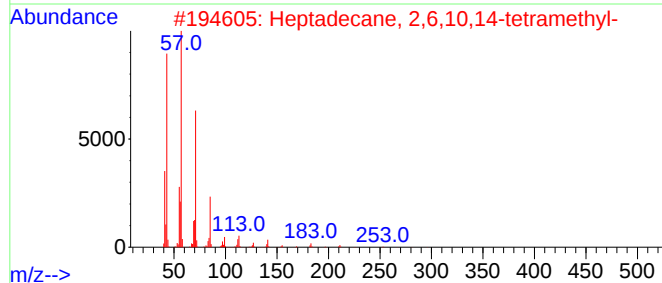
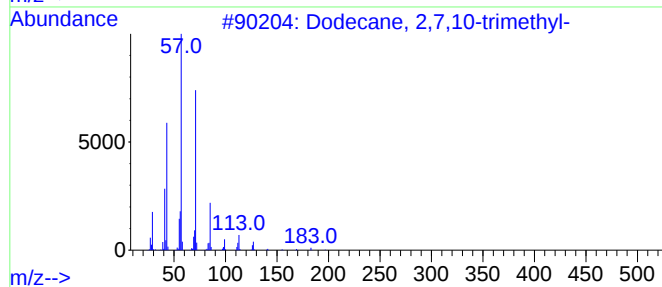
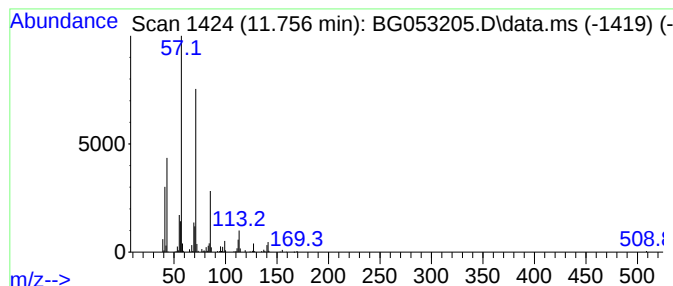
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Dodecane, 2,7,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.756	81.53 ng	326757	Naphthalene-d8	10.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	83
3			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	83
4			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
5			Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053205.D
Acq On : 19 Apr 2022 21:11
Operator : CG/JU
Sample : N2452-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

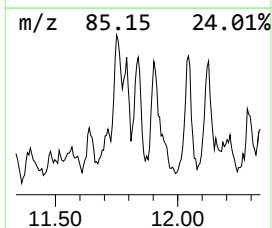
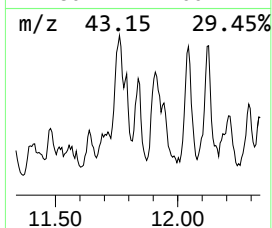
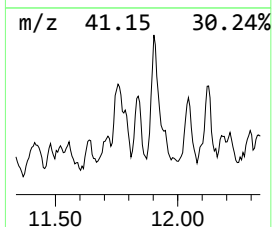
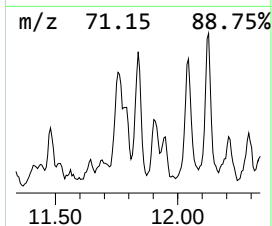
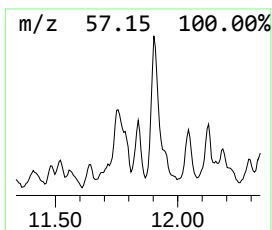
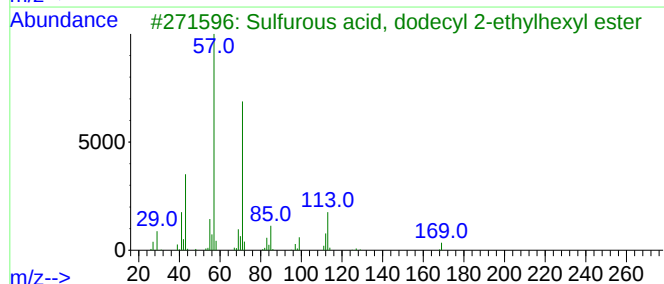
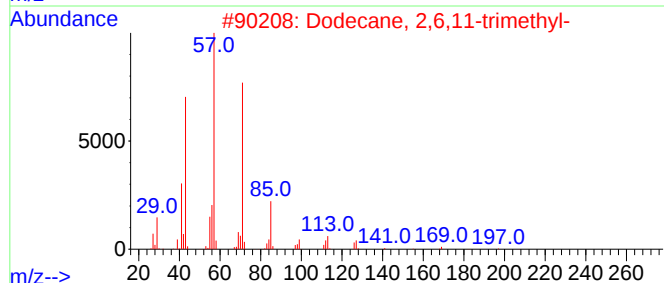
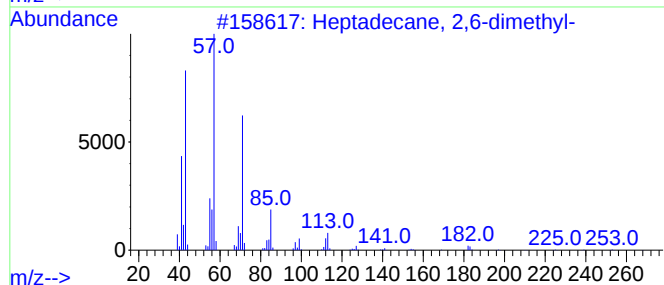
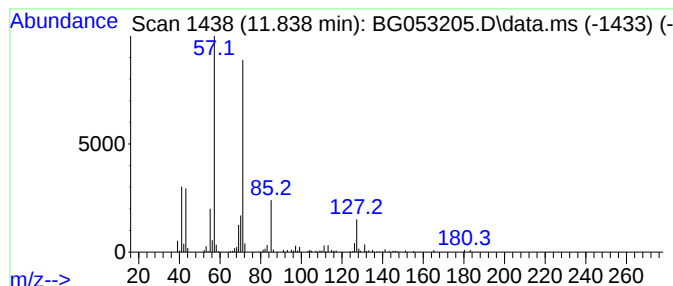
Instrument :
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ClientSampleId :
WC-15-1-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Heptadecane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.838	66.85 ng	267916	Naphthalene-d8	10.933	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
3	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	59
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	53
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053205.D
Acq On : 19 Apr 2022 21:11
Operator : CG/JU
Sample : N2452-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-15-1-4

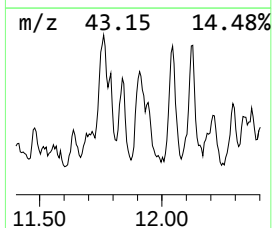
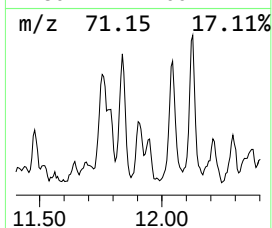
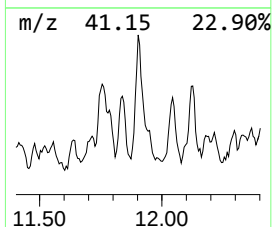
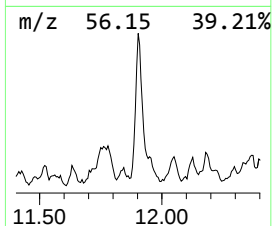
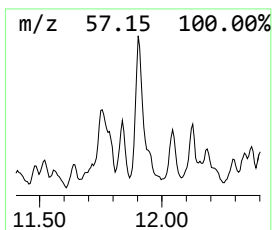
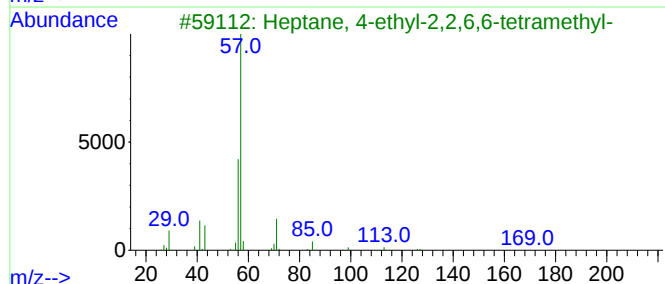
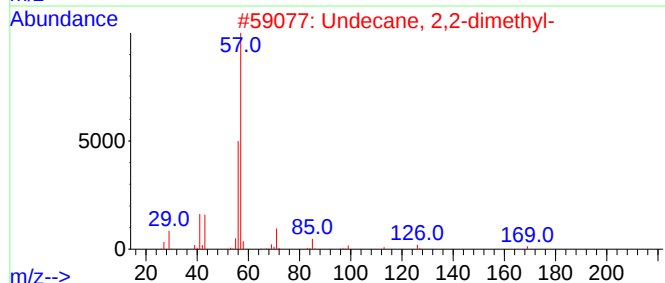
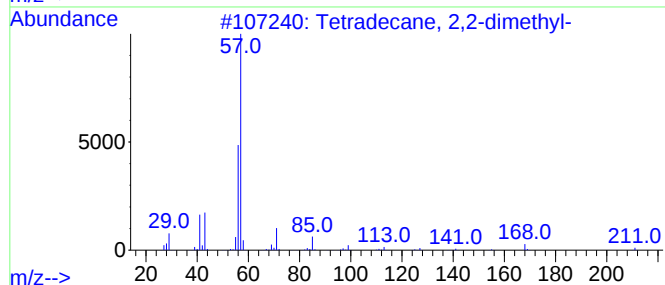
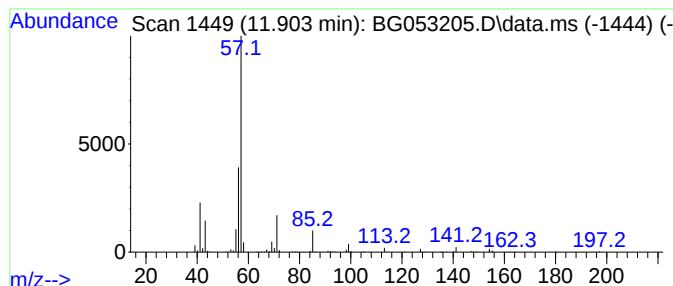
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Tetradecane, 2,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.903	122.24 ng	489910	Naphthalene-d8	10.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	78
2			Undecane, 2,2-dimethyl-	184	C13H28	017312-64-0	78
3			Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	78
4			Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	78
5			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053205.D
Acq On : 19 Apr 2022 21:11
Operator : CG/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-15-1-4

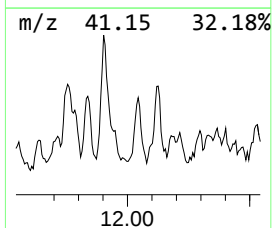
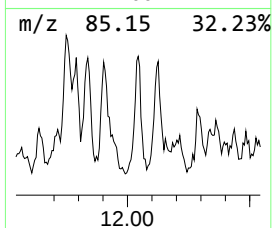
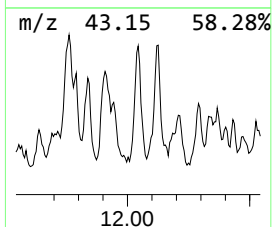
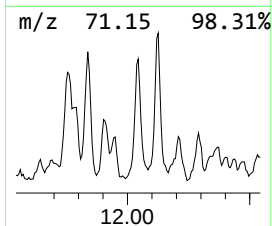
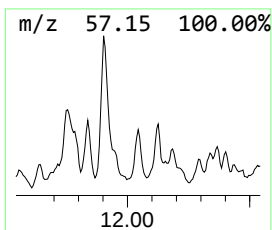
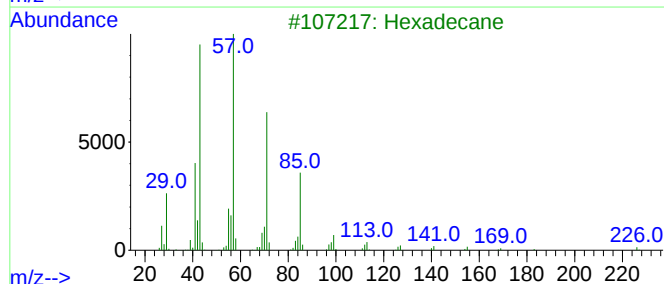
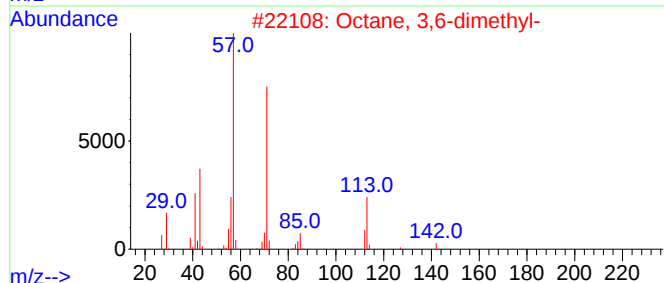
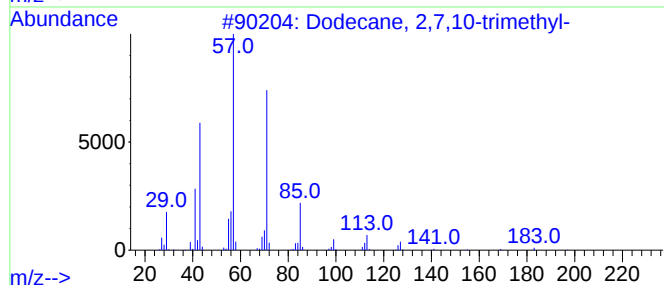
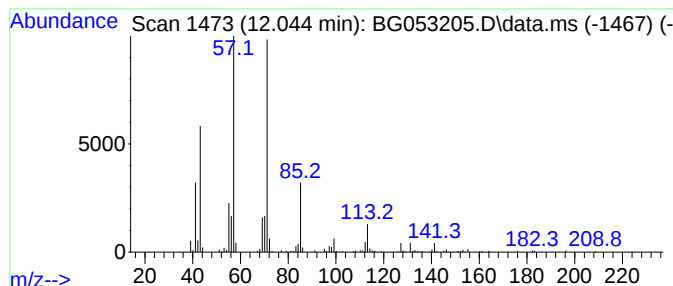
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Octane, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.044	78.34 ng	313998	Naphthalene-d8	10.933

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
3		Hexadecane	226	C16H34	000544-76-3	53
4		Oxalic acid, hexyl neopentyl ester	244	C13H24O4	1000309-73-1	53
5		Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053205.D
Acq On : 19 Apr 2022 21:11
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
WC-15-1-4

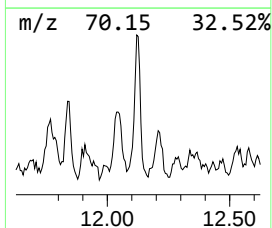
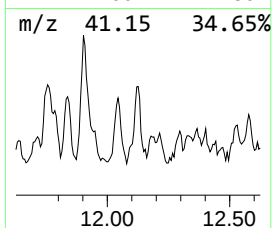
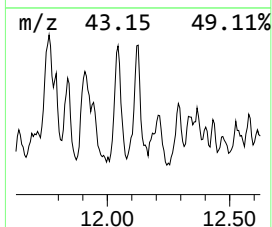
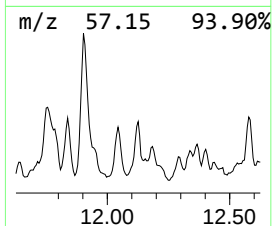
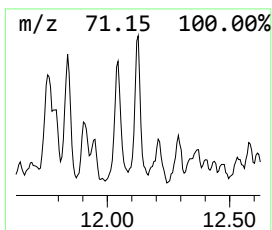
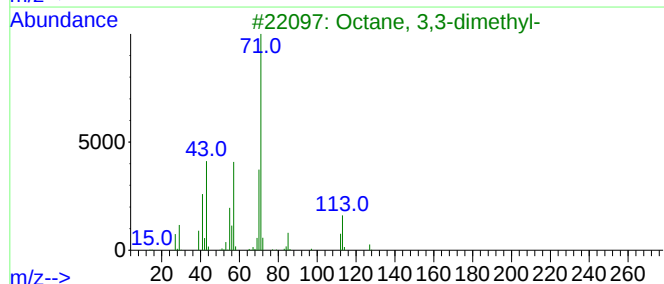
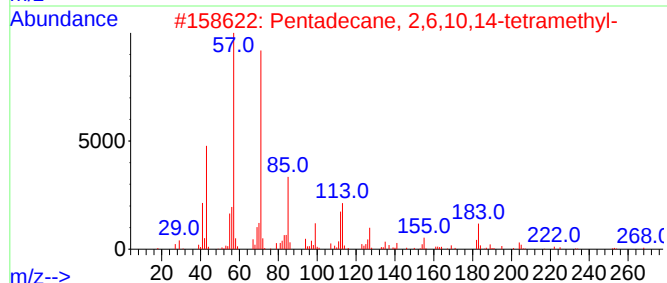
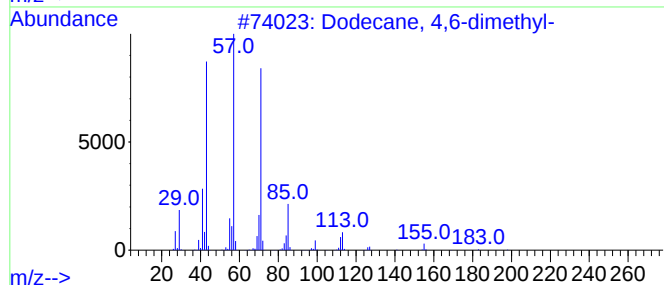
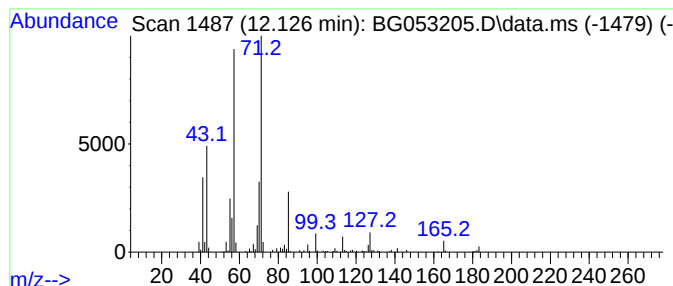
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Dodecane, 4,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.126	92.35 ng	370120	Naphthalene-d8	10.933

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
3		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	53
4		Sulfurous acid, dodecyl 2-pentyl...	320	C17H36O3S	1000309-16-1	53
5		Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053205.D
Acq On : 19 Apr 2022 21:11
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
WC-15-1-4

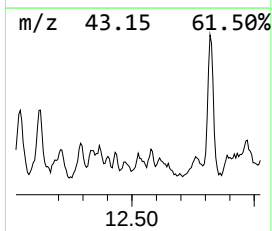
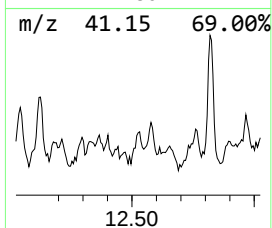
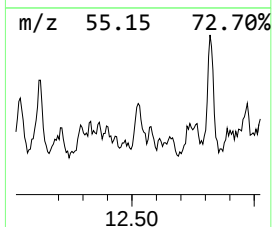
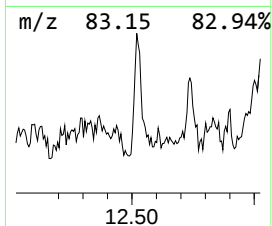
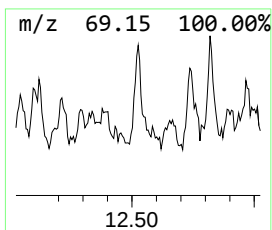
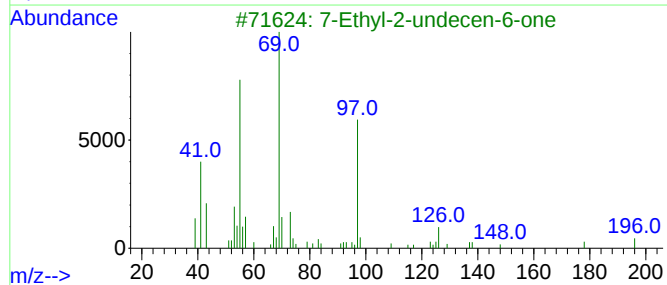
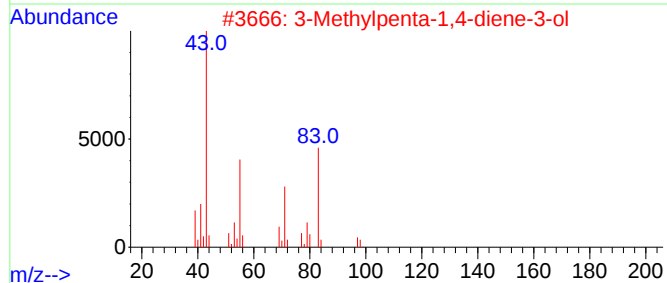
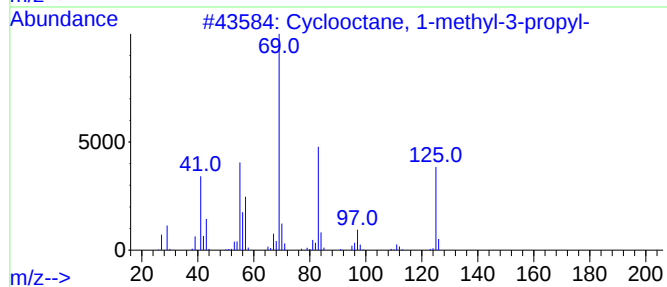
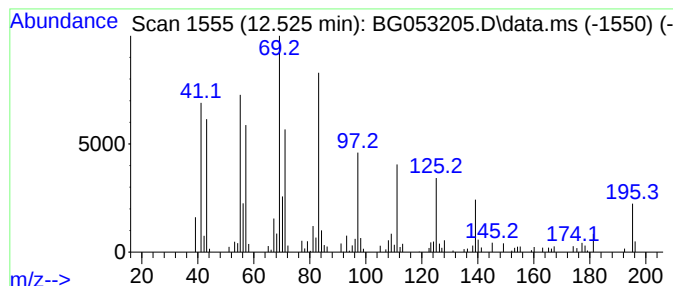
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown12.525 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.525	48.77 ng	195455	Naphthalene-d8	10.933

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	35
2		3-Methylpenta-1,4-diene-3-ol	98	C6H10O	000918-86-5	27
3		7-Ethyl-2-undecen-6-one	196	C13H24O	1000374-14-9	25
4		Cyclohexanecarbonyl chloride	146	C7H11ClO	002719-27-9	22
5		Propanedinitrile, cyclohexyl(2-m...	244	C16H24N2	074764-55-9	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053205.D
Acq On : 19 Apr 2022 21:11
Operator : CG/JU
Sample : N2452-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

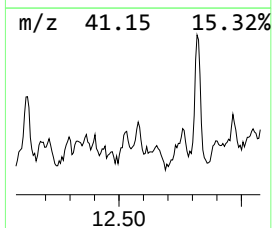
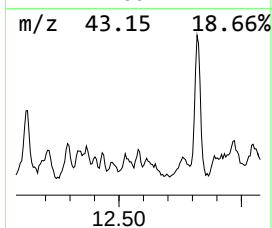
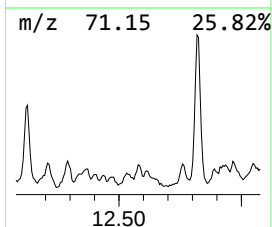
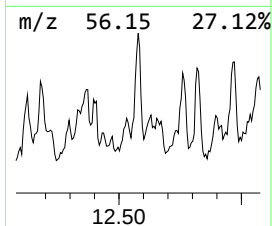
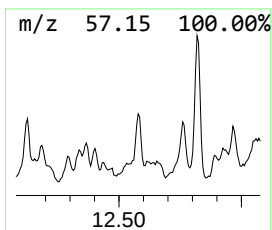
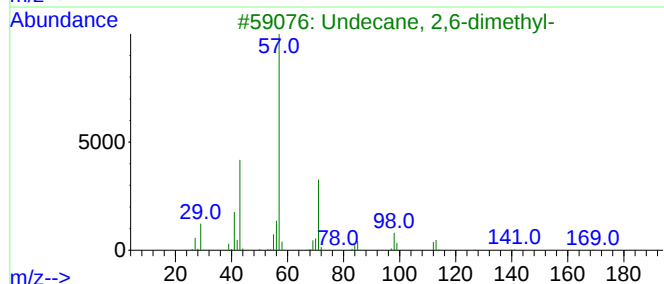
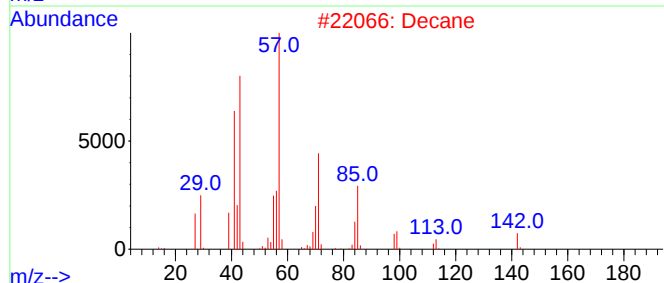
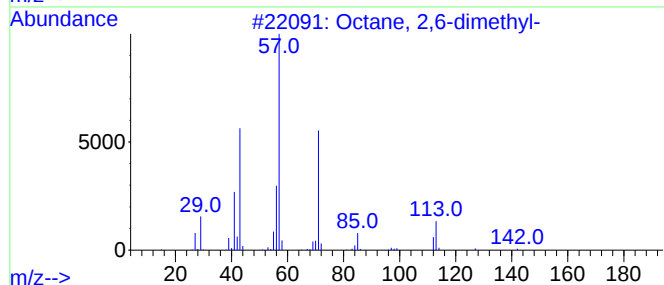
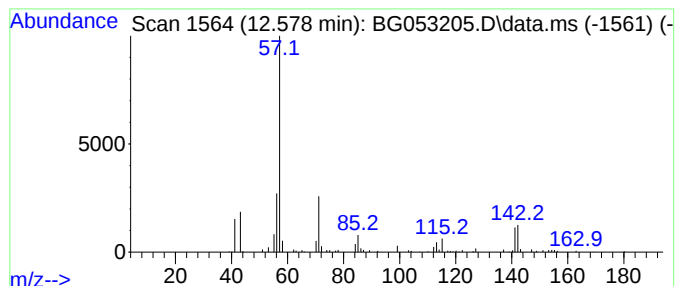
Instrument :
BNA_G
ClientSampleId :
WC-15-1-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Octane, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.578	32.58 ng	130592	Naphthalene-d8	10.933	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50
2	Decane	142	C10H22	000124-18-5	43
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	40
4	Sulfurous acid, 2-ethylhexyl iso...	250	C12H26O3S	1000309-18-7	38
5	2-Nonanol, trimethylacetate	228	C14H28O2	1000463-21-6	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053205.D
Acq On : 19 Apr 2022 21:11
Operator : CG/JU
Sample : N2452-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-15-1-4

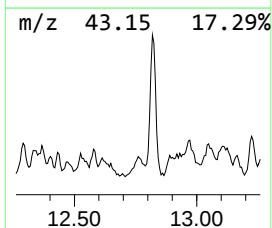
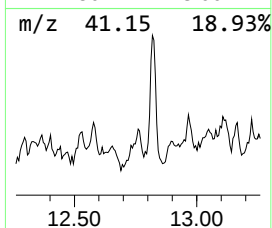
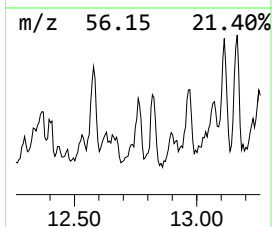
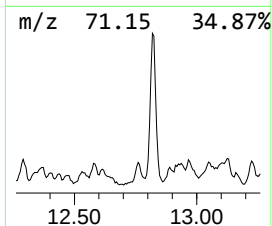
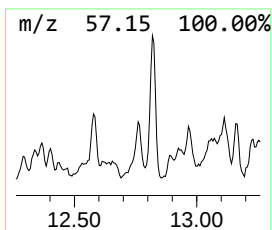
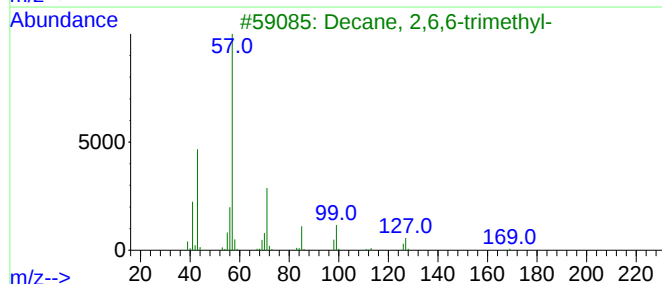
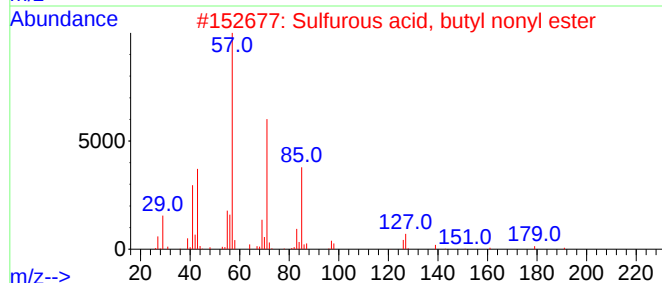
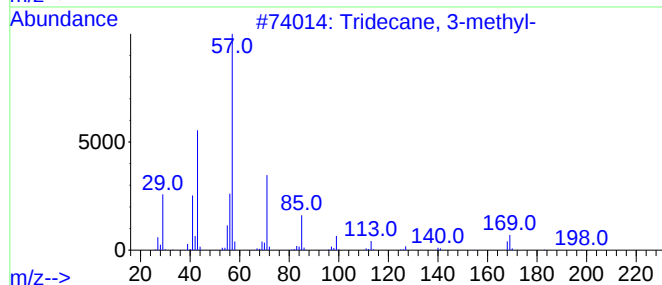
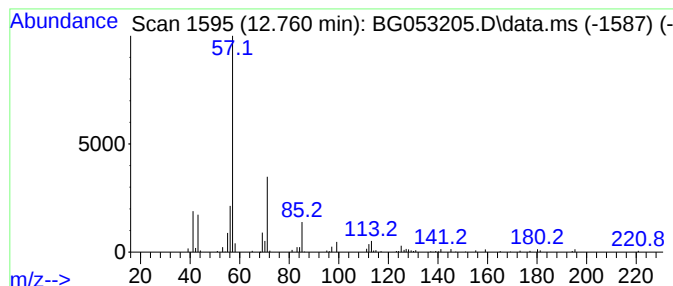
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Sulfurous acid, butyl nonyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.760	50.15 ng	200991	Naphthalene-d8	10.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
2			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64
3			Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	64
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
5			Hexadecane, 3-methyl-	240	C17H36	006418-43-5	56



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053205.D
Acq On : 19 Apr 2022 21:11
Operator : CG/JU
Sample : N2452-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

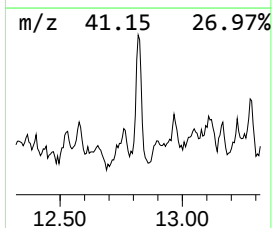
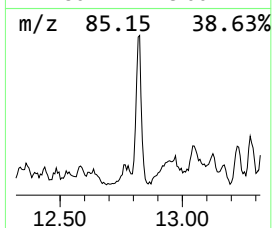
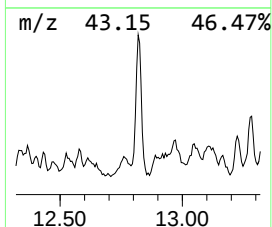
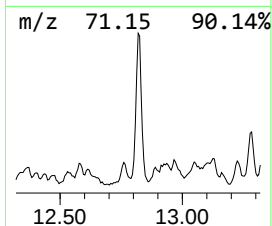
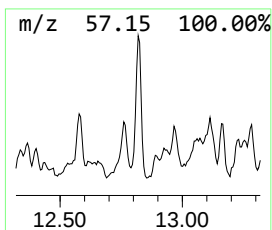
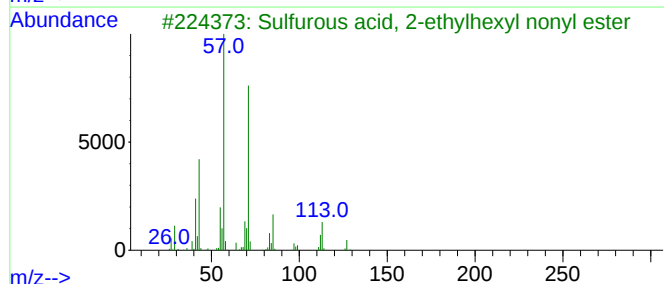
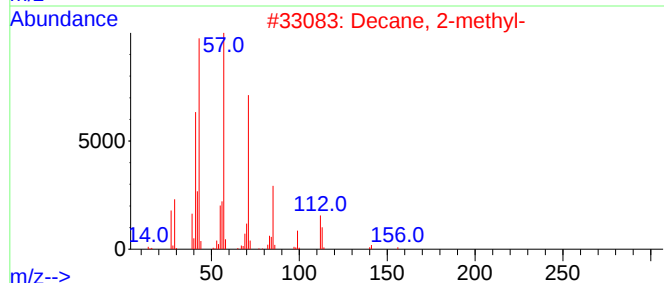
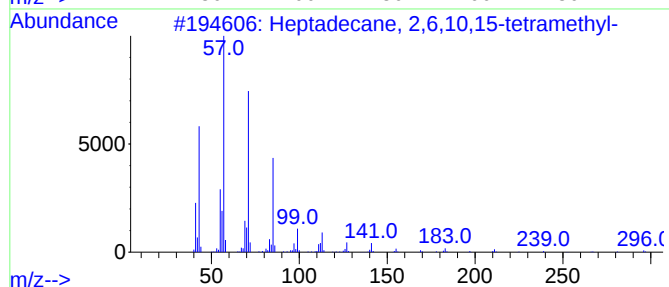
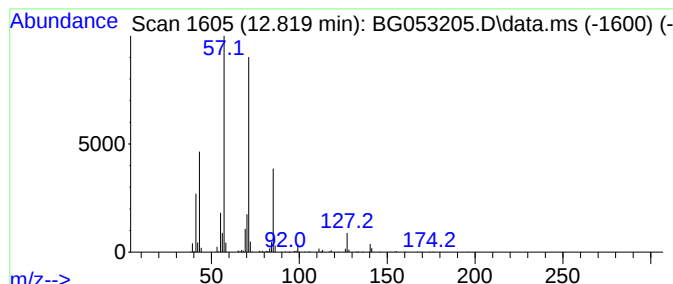
Instrument :
BNA_G
ClientSampleId :
WC-15-1-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.819	160.24 ng	642213	Naphthalene-d8	10.933	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
2	Decane, 2-methyl-	156	C11H24	006975-98-0	64
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	59
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	59
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
 Data File : BG053205.D
 Acq On : 19 Apr 2022 21:11
 Operator : CG/JU
 Sample : N2452-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-15-1-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Octane, 2,2,6-t...	9.700	69.5	ng	278358	2	10.933	80159	20.0
Sulfurous acid,...	10.211	54.0	ng	216212	2	10.933	80159	20.0
Sulfurous acid,...	10.334	257.9	ng	1033610	2	10.933	80159	20.0
Decane, 2,2,4-t...	10.411	167.4	ng	671002	2	10.933	80159	20.0
Tridecane, 3-me...	10.440	60.4	ng	241897	2	10.933	80159	20.0
Undecane, 2,4-d...	10.510	88.3	ng	353823	2	10.933	80159	20.0
Sulfurous acid,...	10.657	45.3	ng	181542	2	10.933	80159	20.0
unknown10.792	10.792	56.4	ng	226157	2	10.933	80159	20.0
Dodecane, 3-met...	11.086	34.3	ng	137282	2	10.933	80159	20.0
Decane, 2,2,5-t...	11.221	60.1	ng	240904	2	10.933	80159	20.0
Decyl isobutyl ...	11.638	33.3	ng	133341	2	10.933	80159	20.0
Dodecane, 2,7,1...	11.756	81.5	ng	326757	2	10.933	80159	20.0
Heptadecane, 2,...	11.838	66.8	ng	267916	2	10.933	80159	20.0
Tetradecane, 2,...	11.903	122.2	ng	489910	2	10.933	80159	20.0
Octane, 3,6-dim...	12.044	78.3	ng	313998	2	10.933	80159	20.0
Dodecane, 4,6-d...	12.126	92.3	ng	370120	2	10.933	80159	20.0
unknown12.525	12.525	48.8	ng	195455	2	10.933	80159	20.0
Octane, 2,6-dim...	12.578	32.6	ng	130592	2	10.933	80159	20.0
Sulfurous acid,...	12.760	50.1	ng	200991	2	10.933	80159	20.0
Heptadecane, 2,...	12.819	160.2	ng	642213	2	10.933	80159	20.0