

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
 Data File : BG053859.D
 Acq On : 9 Jun 2022 13:59
 Operator : CG/JU
 Sample : N3209-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-14B-4-GR

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-BG060222.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053859.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.593	200	205	214	rVB2	66600	146258	2.99%	0.198%
2	4.746	227	231	239	rVB	93354	169831	3.47%	0.230%
3	5.128	291	296	301	rBV	94471	172162	3.52%	0.233%
4	5.292	319	324	331	rVV2	266131	503223	10.28%	0.680%
5	5.533	361	365	373	rVB	151998	291297	5.95%	0.394%
6	5.657	373	386	401	rBV2	327226	691172	14.13%	0.934%
7	5.792	401	409	418	rVB5	51281	144770	2.96%	0.196%
8	5.903	418	428	434	rBV3	92193	200507	4.10%	0.271%
9	5.974	434	440	448	rBV2	152360	382014	7.81%	0.516%
10	6.050	448	453	459	rBV	208853	357026	7.30%	0.483%
11	6.121	460	465	472	rVB	148006	290894	5.95%	0.393%
12	6.197	472	478	486	rBV3	89308	171460	3.50%	0.232%
13	6.373	500	508	516	rBV4	318930	840058	17.17%	1.136%
14	6.491	521	528	537	rVB3	152499	362612	7.41%	0.490%
15	6.585	538	544	552	rBV5	220892	703577	14.38%	0.951%
16	6.655	552	556	560	rVB	152828	213455	4.36%	0.289%
17	6.738	560	570	573	rBV4	428679	989481	20.22%	1.337%
18	6.855	586	590	596	rVB2	102916	183161	3.74%	0.248%
19	6.920	596	601	606	rBV4	110005	198325	4.05%	0.268%
20	6.990	606	613	621	rVB4	208618	558206	11.41%	0.755%
21	7.090	621	630	638	rBV5	76083	230642	4.71%	0.312%
22	7.196	643	648	651	rBV2	133065	233054	4.76%	0.315%
23	7.243	651	656	671	rVB	674239	1419732	29.02%	1.919%
24	7.431	683	688	693	rVB4	119184	234226	4.79%	0.317%
25	7.490	693	698	701	rBV3	123472	208352	4.26%	0.282%
26	7.554	706	709	711	rVV3	134892	201835	4.12%	0.273%
27	7.590	711	715	723	rVV4	272423	644860	13.18%	0.872%
28	7.666	724	728	739	rVB4	229433	627015	12.81%	0.848%
29	7.789	739	749	750	rBV3	100368	256435	5.24%	0.347%
30	7.825	751	755	760	rVB4	122220	218736	4.47%	0.296%
31	7.924	766	772	780	rBV4	115598	262951	5.37%	0.355%
32	8.024	780	789	793	rBV7	174431	567503	11.60%	0.767%
33	8.083	793	799	806	rVB2	605242	1230596	25.15%	1.663%
34	8.171	806	814	820	rBV3	210747	468641	9.58%	0.633%
35	8.248	820	827	829	rBV4	85344	209899	4.29%	0.284%
36	8.295	829	835	839	rVV4	299520	480958	9.83%	0.650%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.394	848	852	858	rVB	387205	687329	14.05%	0.929%
38	8.453	858	862	870	rVB3	161772	343700	7.02%	0.465%
39	8.541	870	877	882	rBV5	135090	355993	7.28%	0.481%
40	8.600	883	887	891	rVV4	114002	261029	5.33%	0.353%

41	8.665	894	898	907	rVB2	260946	531889	10.87%	0.719%
42	8.794	914	920	926	rBV5	141174	297271	6.08%	0.402%
43	8.941	940	945	951	rBV	258440	514580	10.52%	0.696%
44	9.094	966	971	981	rVB7	74693	230901	4.72%	0.312%
45	9.211	981	991	996	rBV4	694840	1896580	38.76%	2.564%

46	9.305	1002	1007	1015	rVB5	314391	693478	14.17%	0.937%
47	9.376	1015	1019	1023	rVB2	146019	228741	4.67%	0.309%
48	9.429	1023	1028	1030	rBV2	305105	538091	11.00%	0.727%
49	9.581	1042	1054	1060	rVB5	259031	859517	17.57%	1.162%
50	9.693	1061	1073	1076	rBV8	169978	595777	12.18%	0.805%

51	9.752	1076	1083	1090	rVV4	310739	782143	15.98%	1.057%
52	9.834	1092	1097	1102	rVB2	312955	539938	11.03%	0.730%
53	9.993	1116	1124	1127	rBV5	287730	602027	12.30%	0.814%
54	10.040	1127	1132	1136	rVV2	458595	796837	16.29%	1.077%
55	10.092	1136	1141	1148	rVV5	607926	1168820	23.89%	1.580%

56	10.163	1149	1153	1161	rVB5	157048	370161	7.57%	0.500%
57	10.310	1173	1178	1182	rBV3	215151	388630	7.94%	0.525%
58	10.498	1204	1210	1220	rBV6	239333	682864	13.96%	0.923%
59	10.610	1224	1229	1233	rBV	246829	478005	9.77%	0.646%
60	10.698	1240	1244	1248	rVB3	125918	202133	4.13%	0.273%

61	10.774	1254	1257	1260	rBV2	144294	220879	4.51%	0.299%
62	10.815	1261	1264	1270	rVB2	165457	258905	5.29%	0.350%
63	10.886	1270	1276	1283	rBV6	327213	952004	19.46%	1.287%
64	11.033	1297	1301	1304	rBV4	176148	302324	6.18%	0.409%
65	11.080	1304	1309	1314	rVB	1036760	1717219	35.10%	2.321%

66	11.138	1314	1319	1326	rBV5	274298	554279	11.33%	0.749%
67	11.297	1340	1346	1349	rBV4	150957	390626	7.98%	0.528%
68	11.414	1361	1366	1372	rVB2	427863	799925	16.35%	1.081%
69	11.620	1390	1401	1407	rVB7	615837	1802011	36.83%	2.436%
70	11.691	1408	1413	1418	rBV2	210249	423005	8.65%	0.572%

71	11.749	1420	1423	1429	rVV4	123336	229985	4.70%	0.311%
72	11.943	1450	1456	1460	rBV	1538262	2609375	53.33%	3.527%
73	12.108	1479	1484	1490	rVB4	237948	495987	10.14%	0.670%
74	12.202	1496	1500	1504	rBV3	320553	481110	9.83%	0.650%
75	12.543	1552	1558	1565	rVB3	641625	1699250	34.73%	2.297%

76	12.648	1572	1576	1580	rBV5	176482	323090	6.60%	0.437%
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77	13.018	1635	1639	1646	rVB3	576961	1060806	21.68%	1.434%
78	13.277	1678	1683	1688	rVB	1818990	2918677	59.65%	3.945%
79	13.347	1691	1695	1701	rVB	528089	834102	17.05%	1.127%
80	13.547	1723	1729	1732	rBV4	374048	825883	16.88%	1.116%
81	13.653	1744	1747	1755	rVB7	239970	454450	9.29%	0.614%
82	14.053	1811	1815	1820	rVB	551791	925683	18.92%	1.251%
83	14.105	1820	1824	1830	rVB	500520	894292	18.28%	1.209%
84	14.164	1830	1834	1838	rBV2	401786	614945	12.57%	0.831%
85	14.217	1838	1843	1847	rVB2	2082447	3089224	63.14%	4.176%
86	14.423	1875	1878	1881	rBV3	255022	353928	7.23%	0.478%
87	14.570	1898	1903	1908	rVB	618875	1050598	21.47%	1.420%
88	14.699	1921	1925	1927	rBV2	517331	770119	15.74%	1.041%
89	15.128	1994	1998	2003	rVB2	715493	1116371	22.82%	1.509%
90	15.198	2007	2010	2014	rVB	501847	691671	14.14%	0.935%
91	15.245	2014	2018	2024	rBV3	592098	992469	20.28%	1.342%
92	15.345	2030	2035	2039	rBV	504184	947246	19.36%	1.280%
93	15.392	2041	2043	2048	rVB	389319	485217	9.92%	0.656%
94	15.762	2103	2106	2109	rBV2	296006	383410	7.84%	0.518%
95	15.980	2139	2143	2150	rVB	1629062	2642641	54.01%	3.572%
96	16.467	2219	2226	2238	rVB	2673625	4892993	100.00%	6.614%
97	17.284	2360	2365	2374	rVB	1771828	3063014	62.60%	4.140%
98	17.466	2393	2396	2400	rBV	345910	530537	10.84%	0.717%
99	17.883	2463	2467	2472	rBV	540726	818793	16.73%	1.107%
100	20.069	2835	2839	2849	rVB	924857	1252664	25.60%	1.693%

Sum of corrected areas: 73981065

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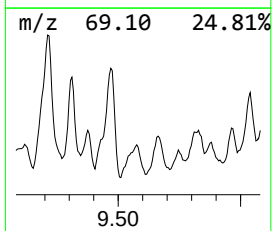
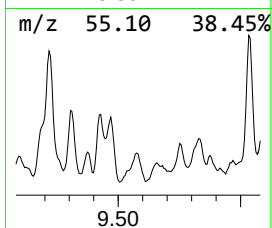
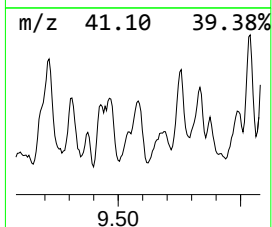
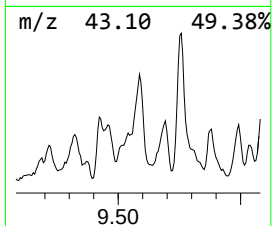
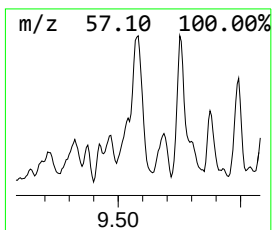
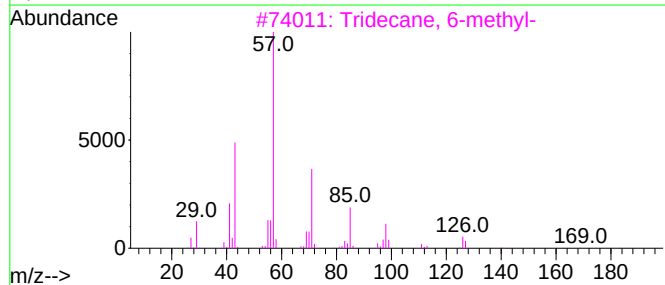
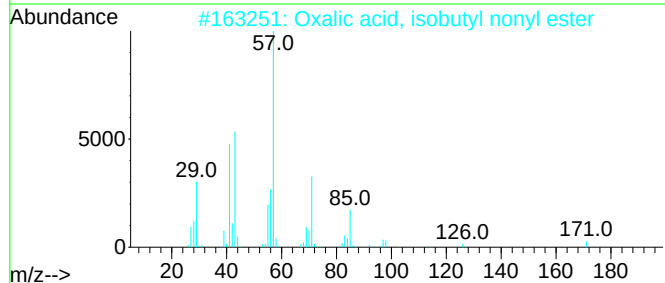
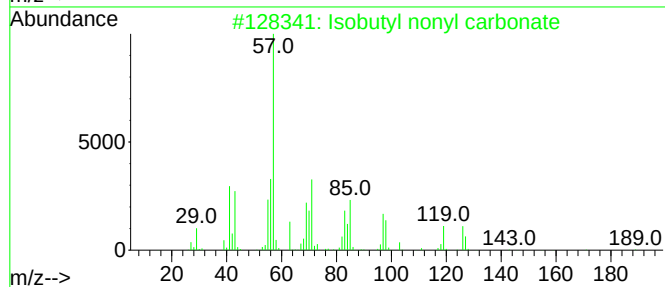
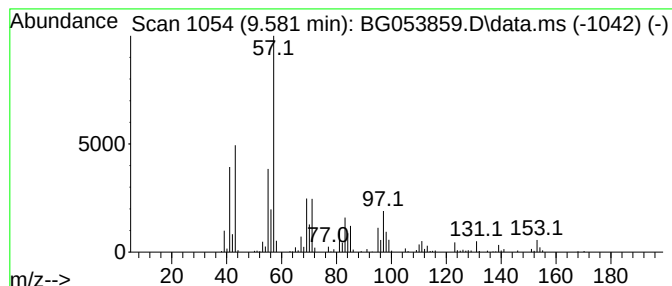
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Isobutyl nonyl carbonate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.581	18.06 ng	859517	Naphthalene-d8	10.909

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	53
2			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	50
3			Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
4			Pentadecane, 6-methyl-	226	C16H34	010105-38-1	47
5			Oxirane, (3,3-dimethylbutyl)-	128	C8H16O	053907-77-0	47



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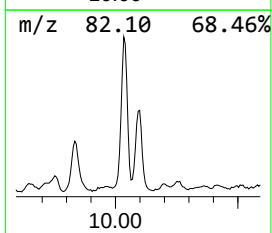
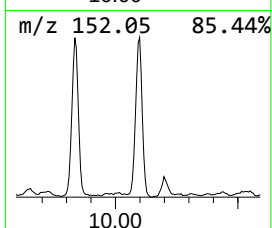
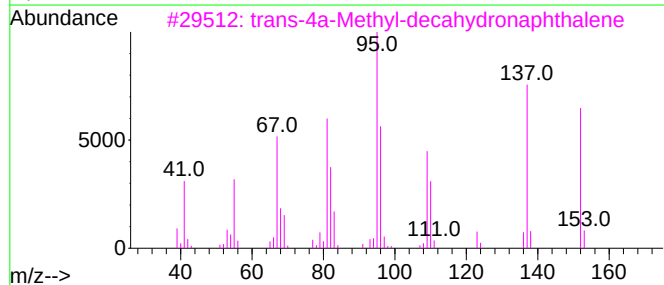
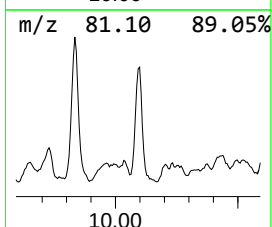
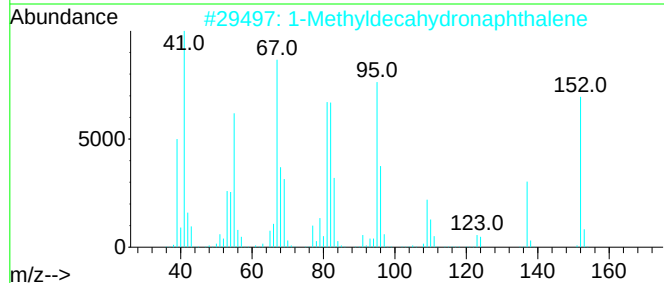
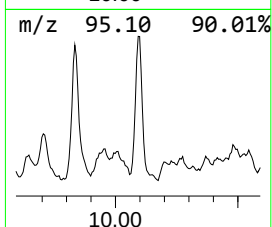
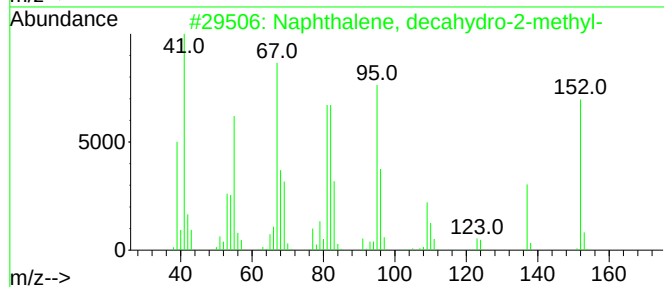
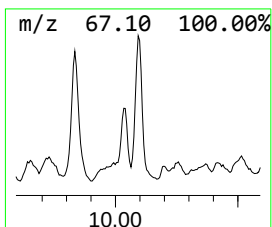
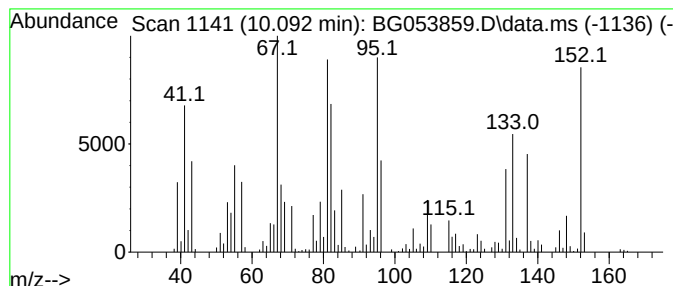
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, decahydro-2-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.092	24.55 ng	1168820	Naphthalene-d8	10.909	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	83
3	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64
4	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	58
5	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	53



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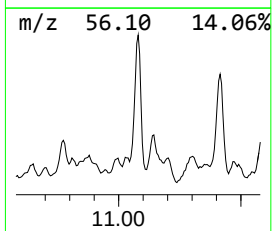
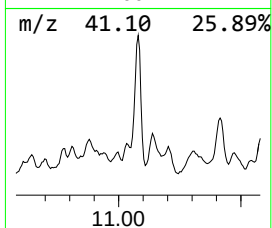
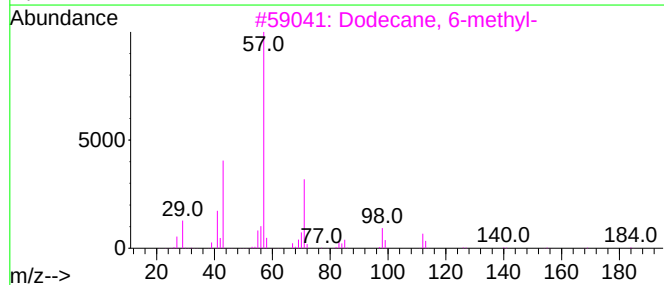
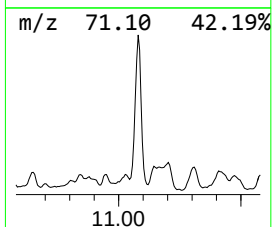
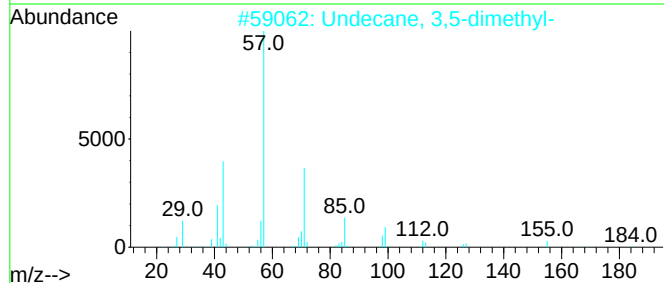
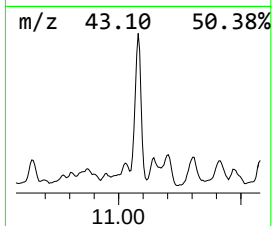
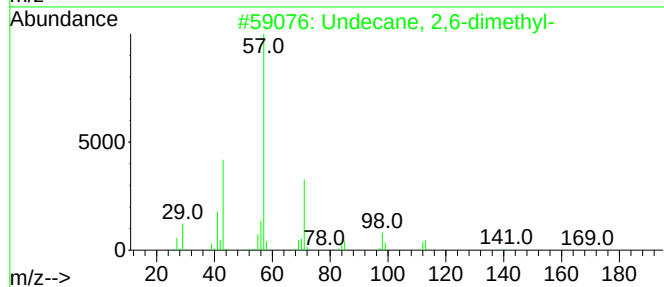
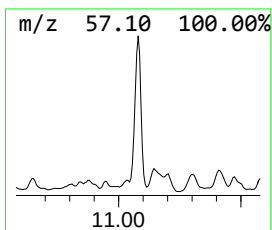
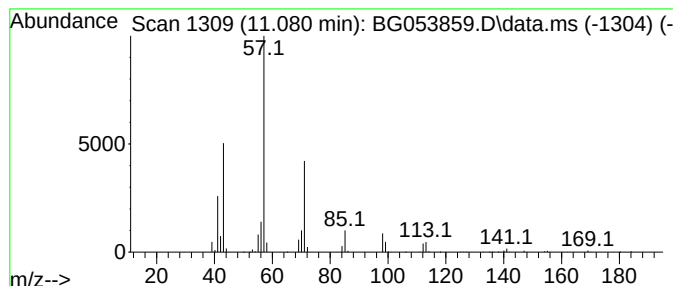
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.080	36.08 ng	1717220	Naphthalene-d8	10.909	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	80
4	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	72



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ClientSampleId :
WC-14B-4-GR

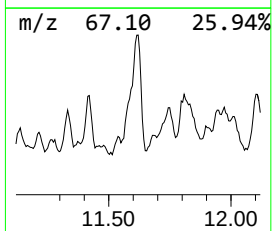
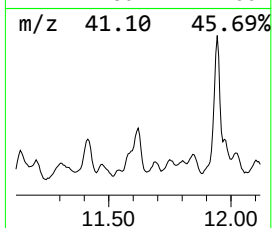
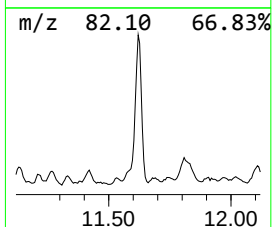
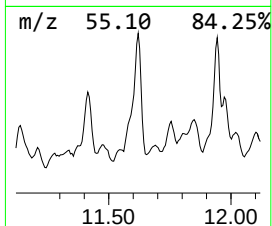
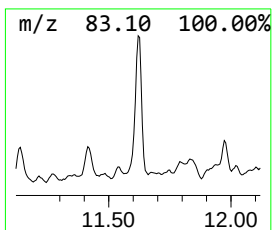
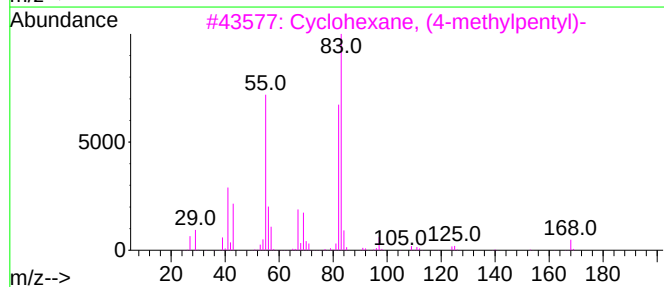
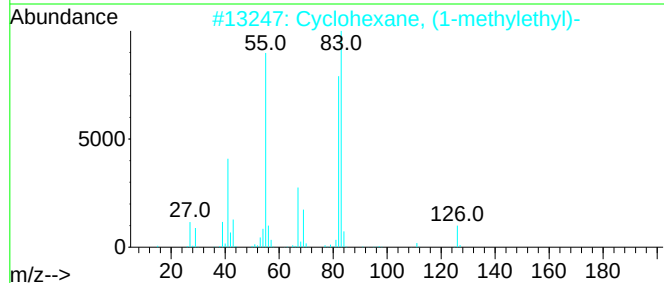
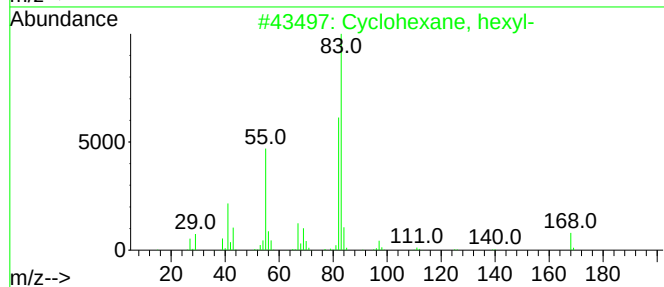
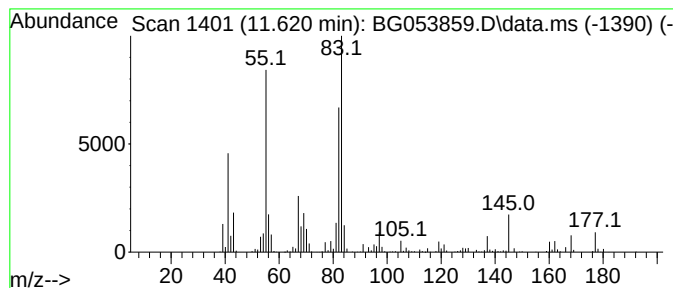
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.620	37.86 ng	1802010	Naphthalene-d8	10.909

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, hexyl-	168	C12H24	004292-75-5	83
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
3		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	68
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	64
5		Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
Data File : BG053859.D
Acq On : 9 Jun 2022 13:59
Operator : CG/JU
Sample : N3209-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-4-GR

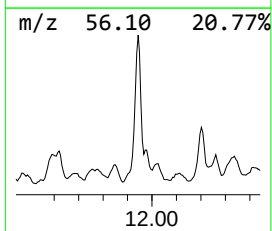
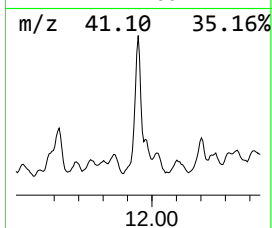
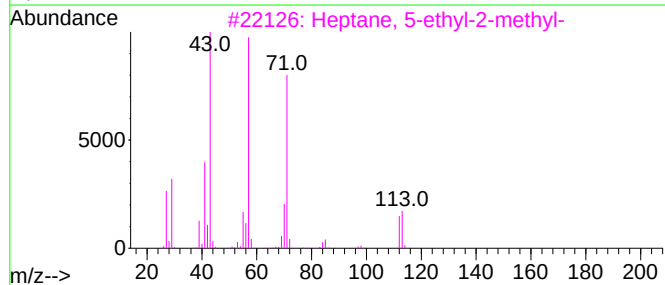
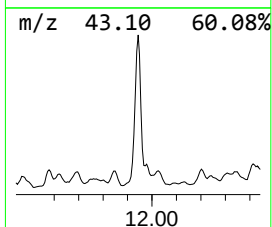
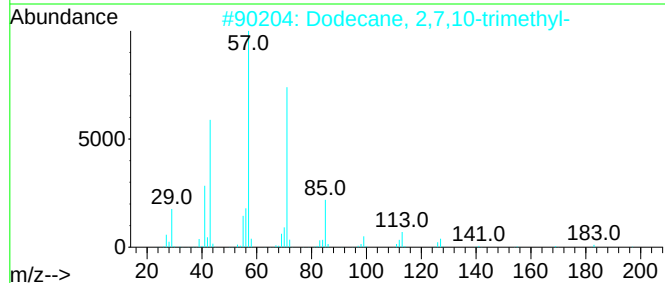
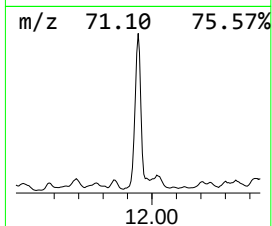
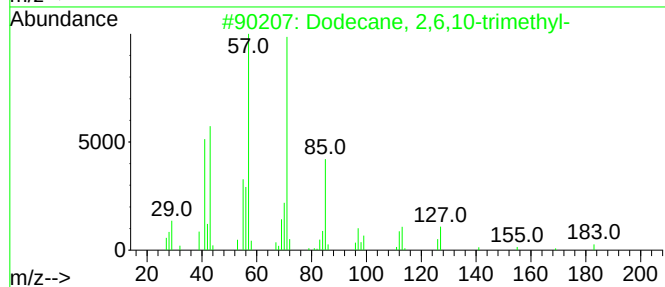
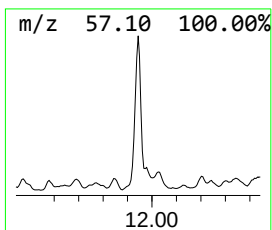
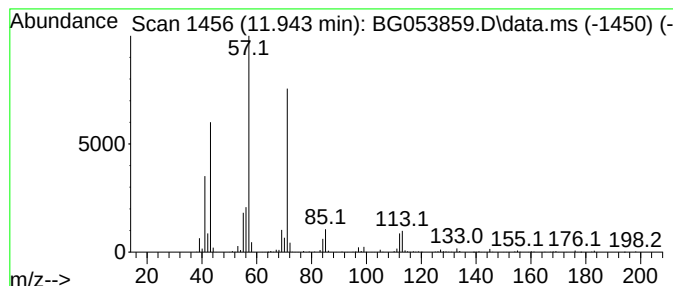
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Dodecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.943	54.82 ng	2609380	Naphthalene-d8	10.909

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
3			Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	72
4			Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	72
5			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
Data File : BG053859.D
Acq On : 9 Jun 2022 13:59
Operator : CG/JU
Sample : N3209-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

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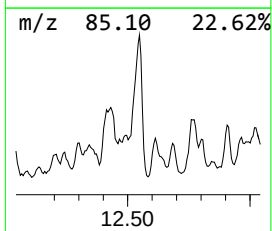
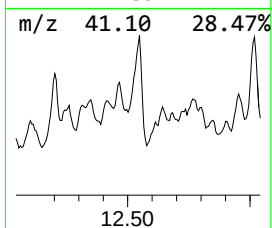
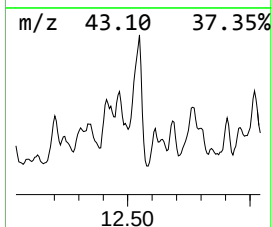
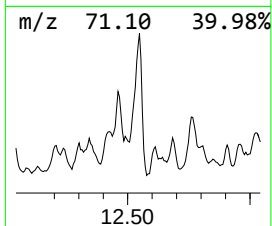
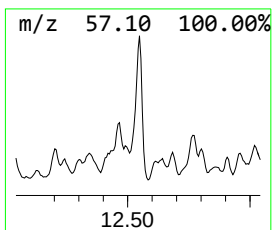
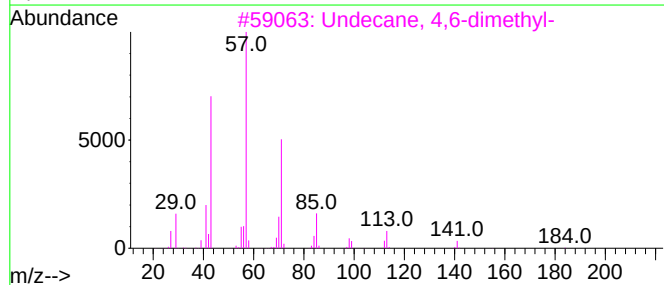
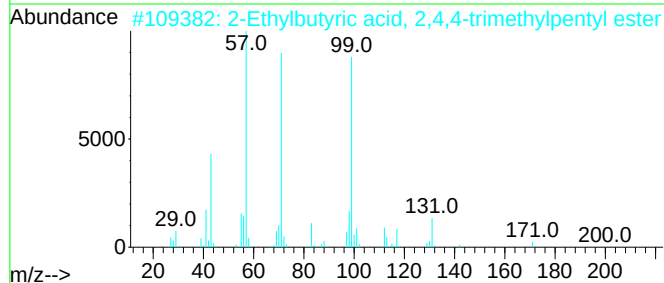
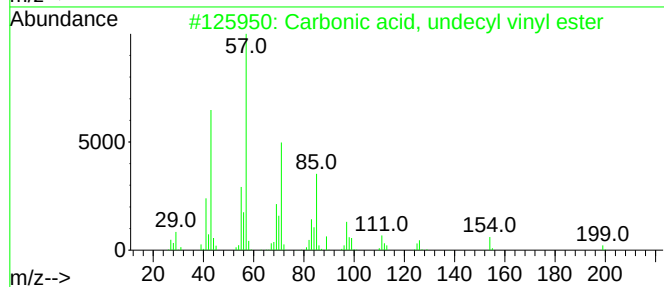
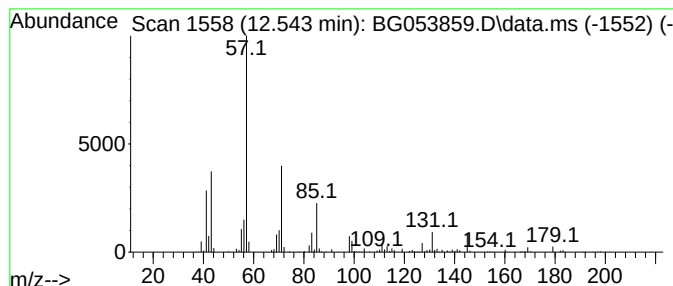
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Carbonic acid, undecyl vinyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.543	35.70 ng	1699250	Naphthalene-d8	10.909

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	59
2			2-Ethylbutyric acid, 2,4,4-trime...	228	C14H28O2	1000369-49-3	53
3			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	52
4			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	50
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
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Acq On : 9 Jun 2022 13:59
Operator : CG/JU
Sample : N3209-04
Misc :
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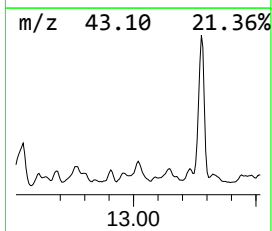
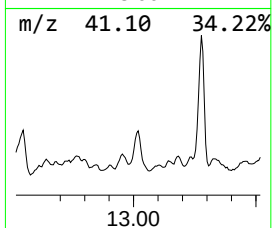
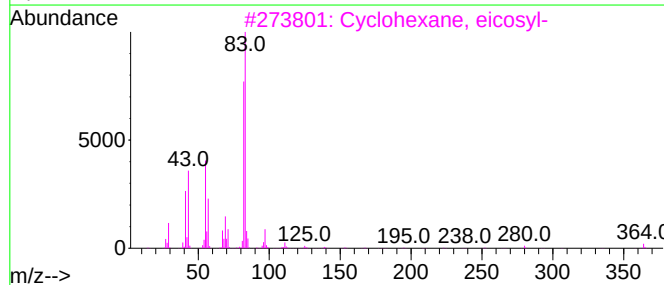
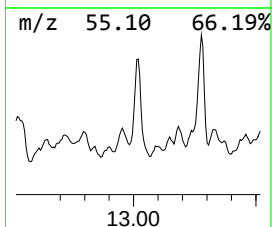
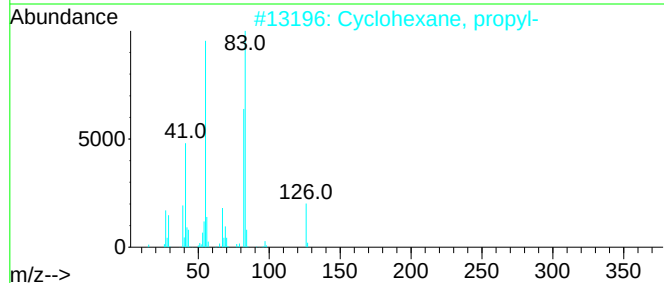
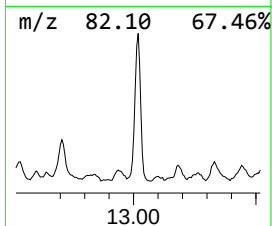
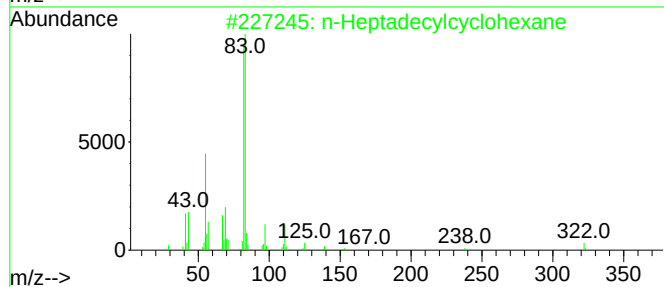
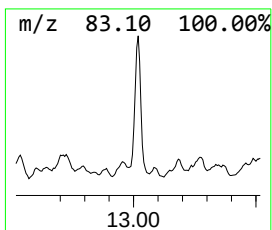
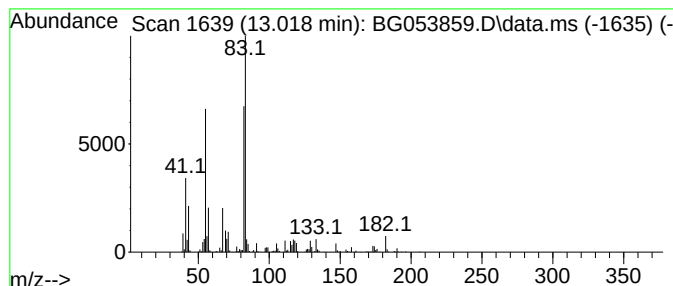
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Heptadecylcyclohexane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.019	27.55 ng	1060810	Acenaphthene-d10		14.722	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Heptadecylcyclohexane		322	C23H46	019781-73-8	64
2	Cyclohexane, propyl-		126	C9H18	001678-92-8	59
3	Cyclohexane, eicosyl-		364	C26H52	004443-55-4	53
4	2,2-Dimethyl-4-pentenoic acid, m...		142	C8H14O2	076352-72-2	47
5	trans-7-Oxabicyclo[4.3.0]nonane		126	C8H14O	027345-70-6	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
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Acq On : 9 Jun 2022 13:59
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Instrument :
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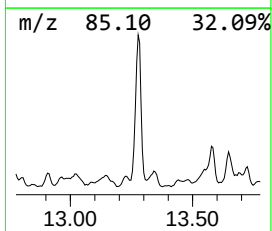
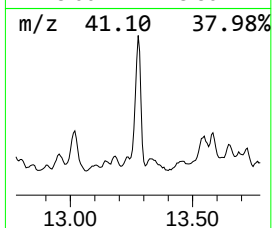
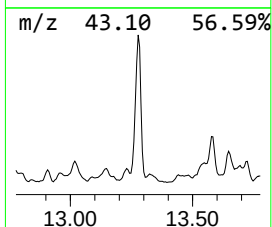
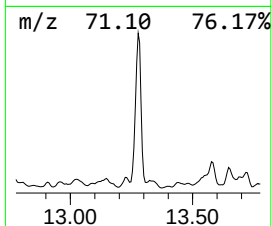
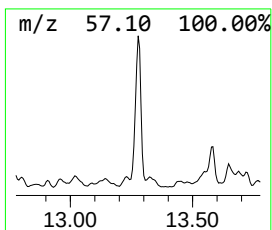
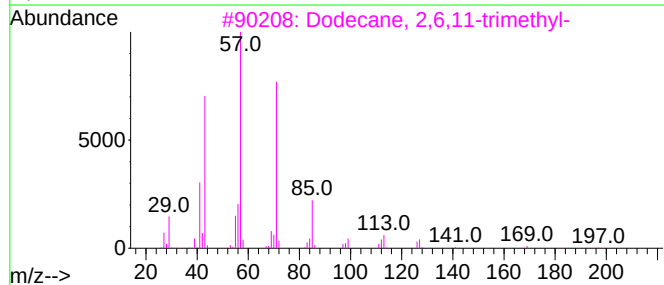
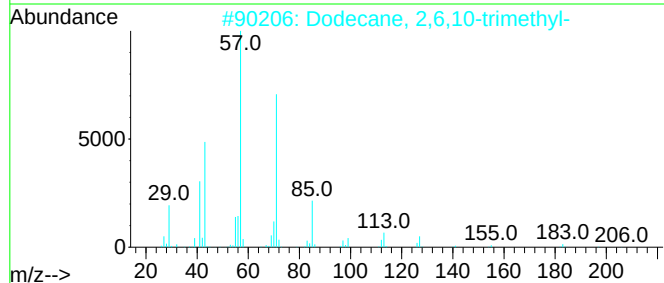
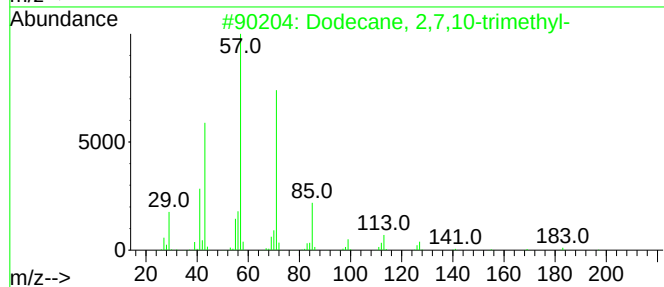
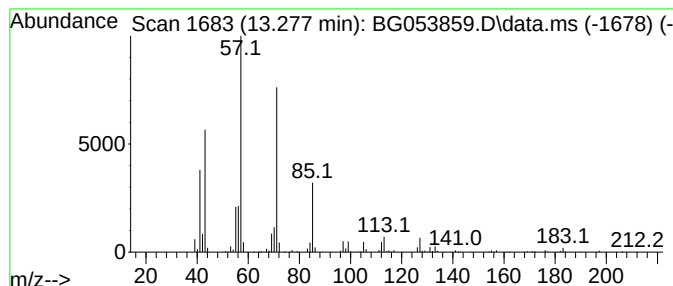
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 2,7,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.277	75.80 ng	2918680	Acenaphthene-d10	14.722

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5			Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
Data File : BG053859.D
Acq On : 9 Jun 2022 13:59
Operator : CG/JU
Sample : N3209-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

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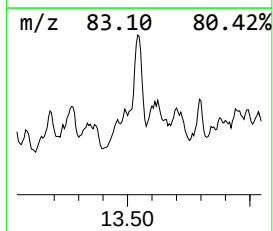
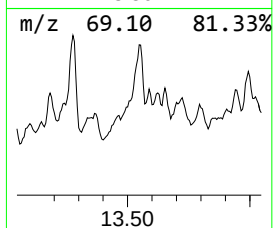
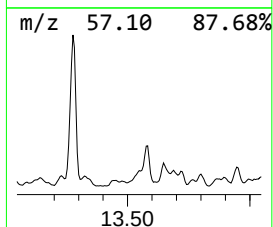
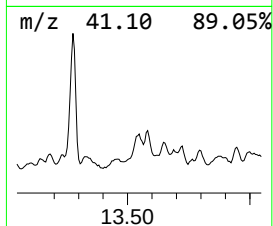
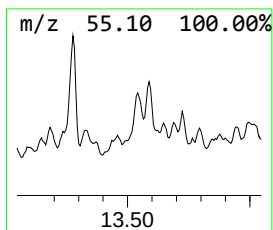
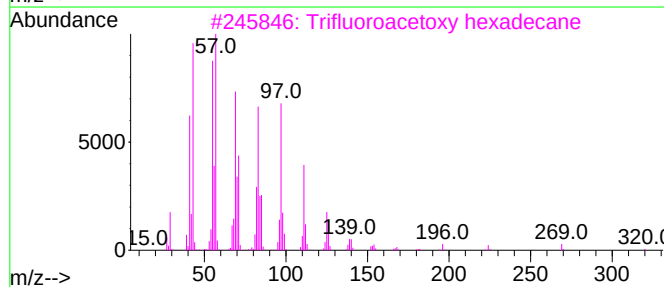
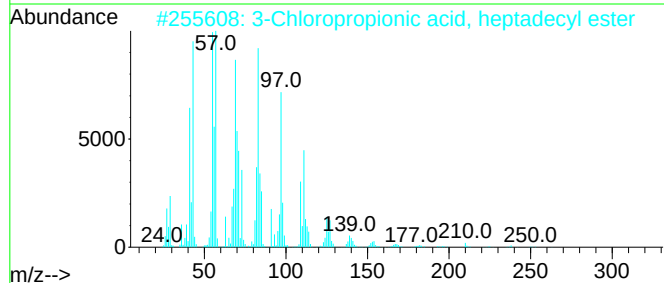
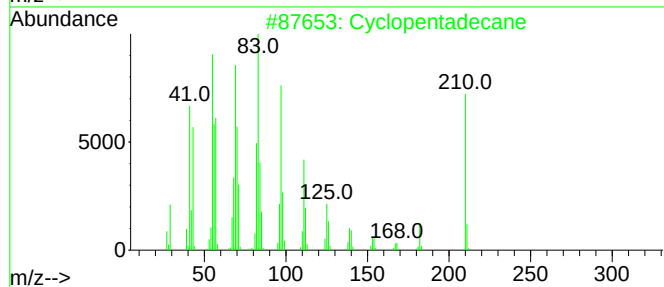
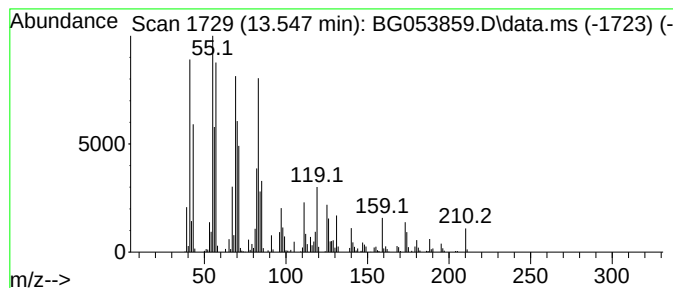
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclopentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.547	21.45 ng	825883	Acenaphthene-d10	14.722

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentadecane	210	C15H30	000295-48-7	68
2			3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	68
3			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	64
4			Cyclotetradecane	196	C14H28	000295-17-0	64
5			n-Tetracosanol-1	354	C24H50O	000506-51-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
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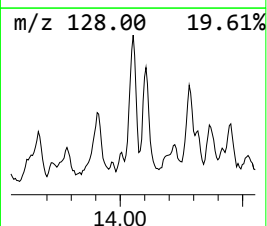
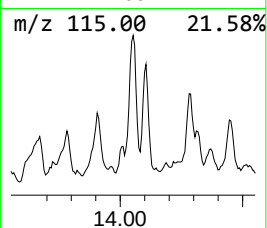
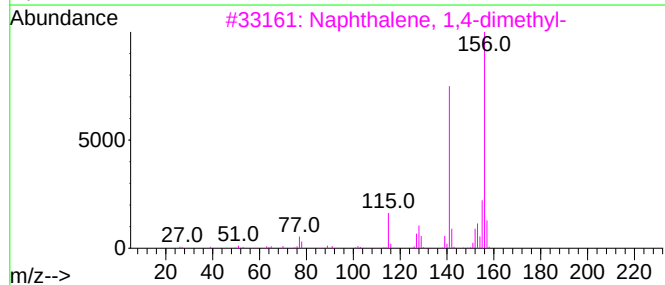
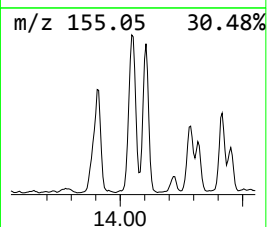
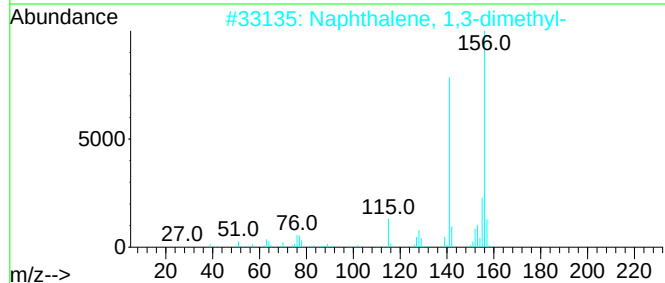
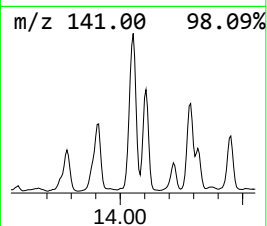
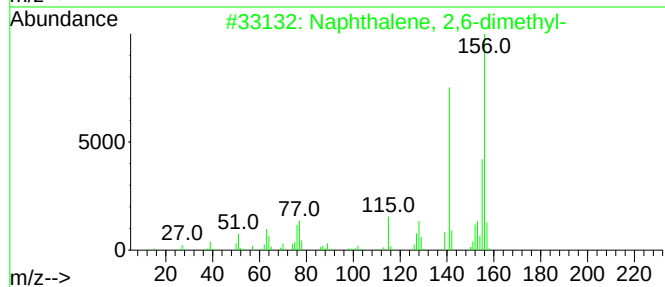
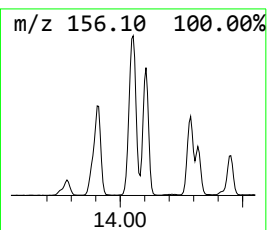
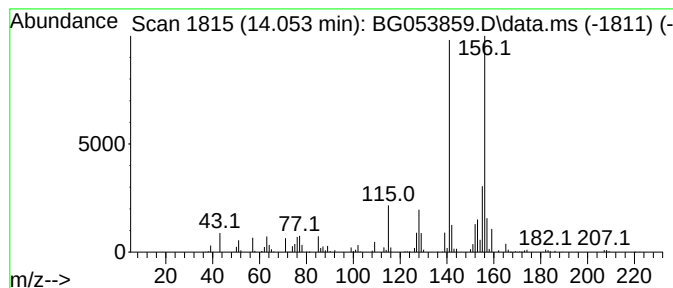
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.053	24.04 ng	925683	Acenaphthene-d10		14.722	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-		156	C12H12	000581-42-0	97
2	Naphthalene, 1,3-dimethyl-		156	C12H12	000575-41-7	96
3	Naphthalene, 1,4-dimethyl-		156	C12H12	000571-58-4	96
4	Naphthalene, 2,3-dimethyl-		156	C12H12	000581-40-8	95
5	Naphthalene, 2,7-dimethyl-		156	C12H12	000582-16-1	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
Data File : BG053859.D
Acq On : 9 Jun 2022 13:59
Operator : CG/JU
Sample : N3209-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-4-GR

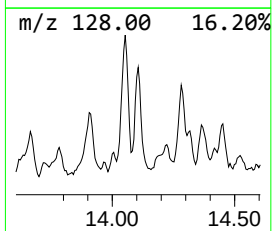
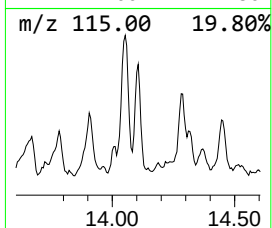
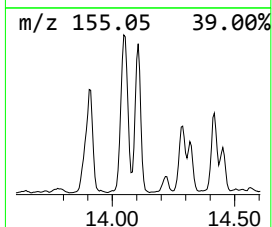
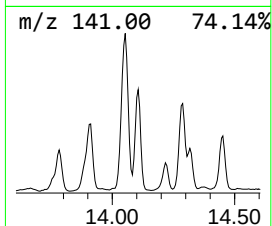
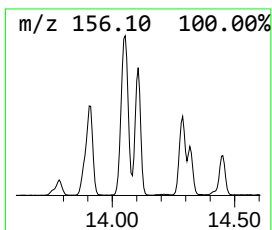
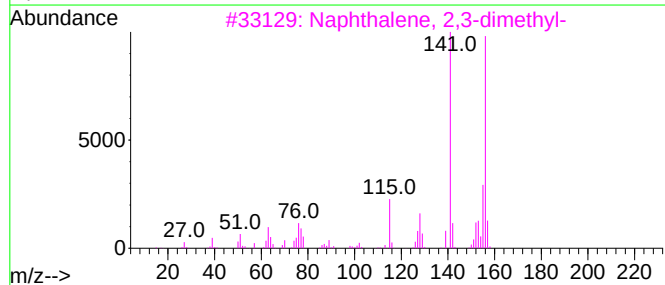
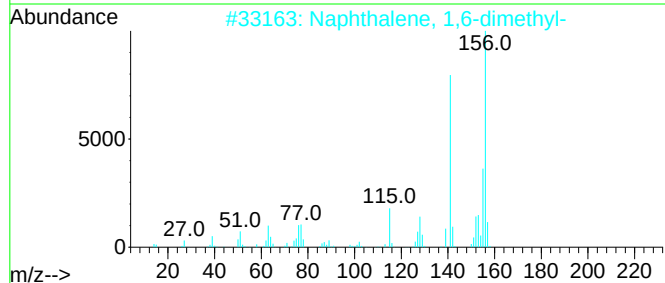
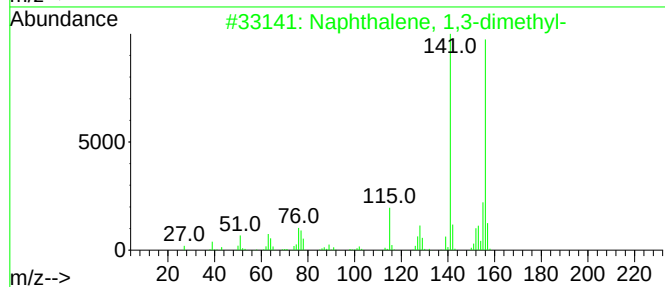
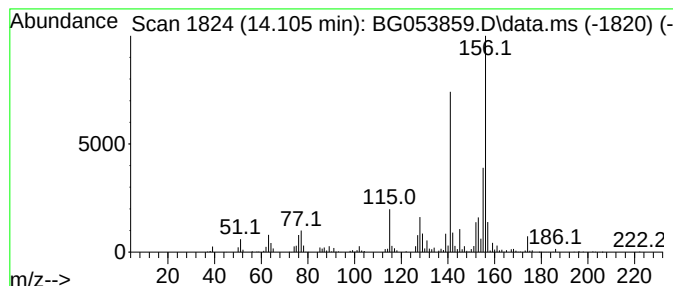
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.105	23.22 ng	894292	Acenaphthene-d10	14.722

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
Data File : BG053859.D
Acq On : 9 Jun 2022 13:59
Operator : CG/JU
Sample : N3209-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-4-GR

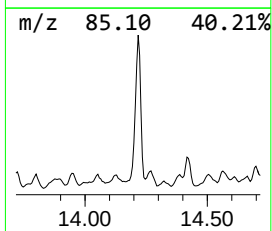
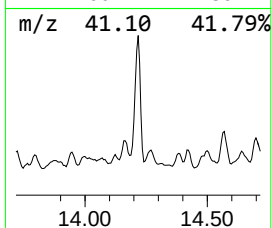
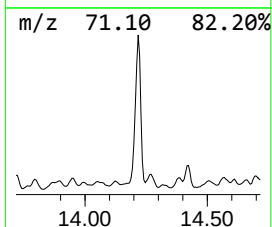
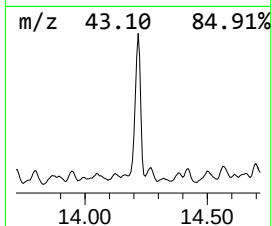
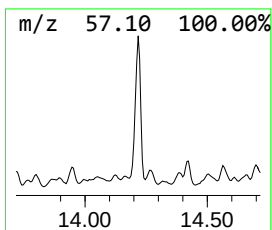
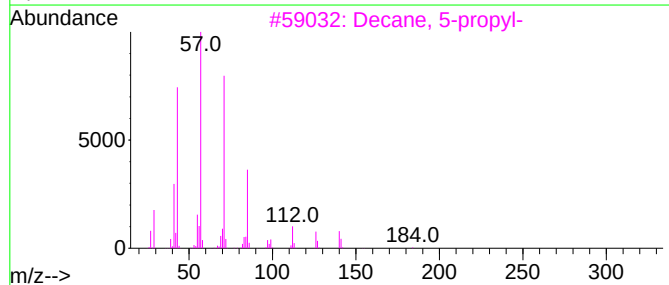
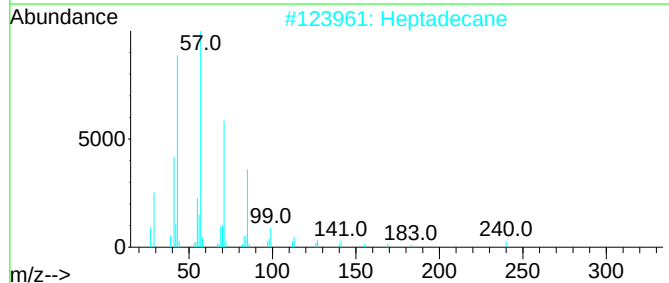
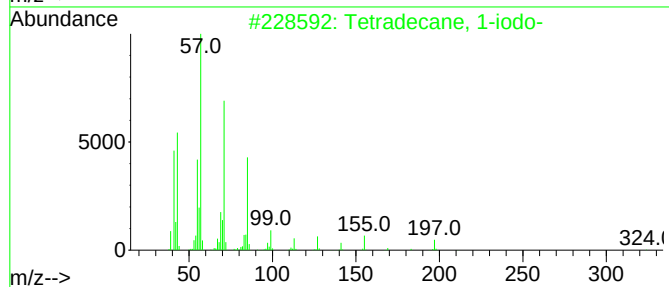
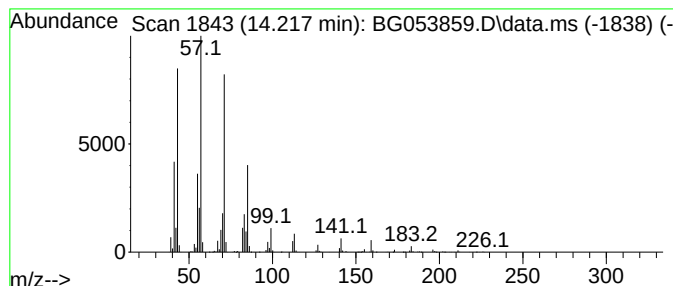
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetradecane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.217	80.23 ng	3089220	Acenaphthene-d10	14.722

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Decane, 5-propyl-	184	C13H28	017312-62-8	87
4		Tetradecane	198	C14H30	000629-59-4	86
5		Tridecane, 4-methyl-	198	C14H30	026730-12-1	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
Data File : BG053859.D
Acq On : 9 Jun 2022 13:59
Operator : CG/JU
Sample : N3209-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

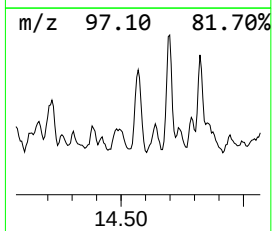
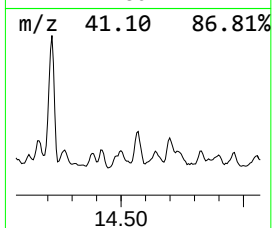
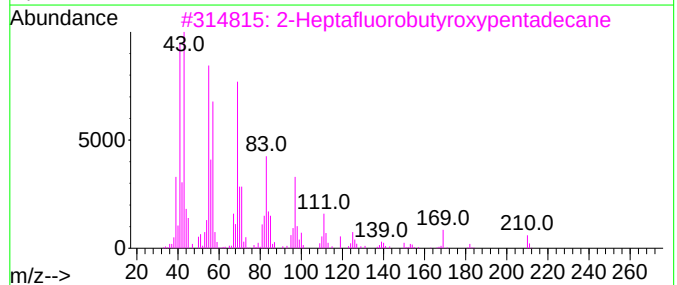
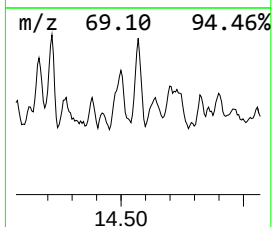
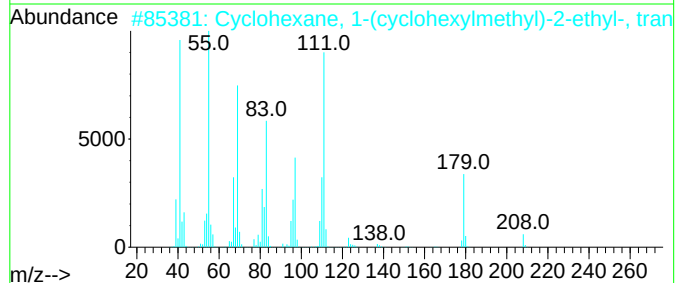
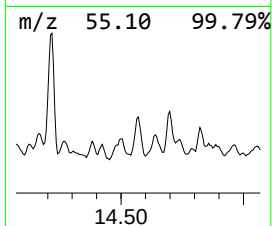
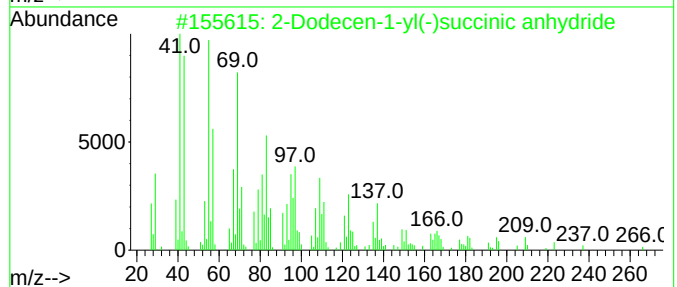
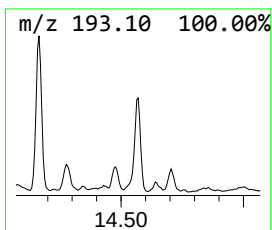
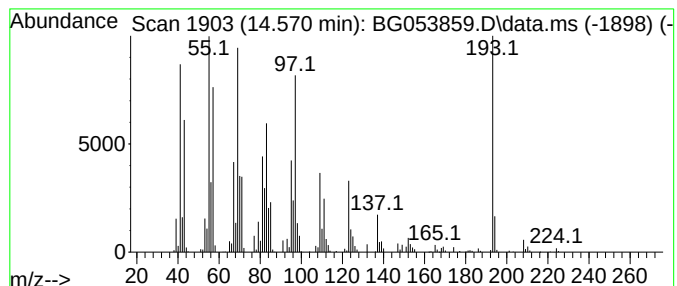
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 2-Dodecen-1-yl(-)succinic a... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.570	27.28 ng	1050600	Acenaphthene-d10		14.722	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Dodecen-1-yl(-)succinic anhydride		266	C16H26O3	019780-11-1	52
2	Cyclohexane, 1-(cyclohexylmethyl)...		208	C15H28	054934-92-8	30
3	2-Heptafluorobutyroxypentadecane		424	C19H31F7O2	1010245-50-0	30
4	Bicyclo[3.1.1]heptan-3-one, 2,6,...		152	C10H16O	015358-88-0	25
5	Cyclododecanone, 2-methylene-		194	C13H22O	003045-76-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
Data File : BG053859.D
Acq On : 9 Jun 2022 13:59
Operator : CG/JU
Sample : N3209-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

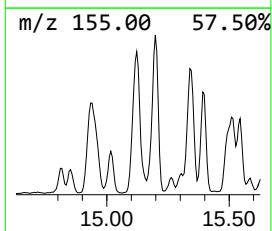
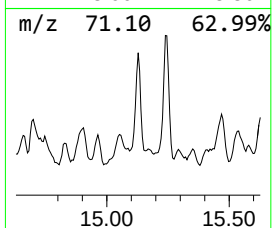
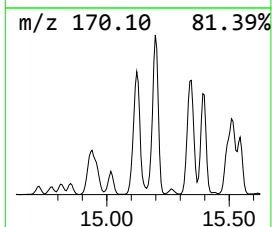
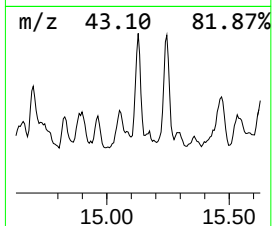
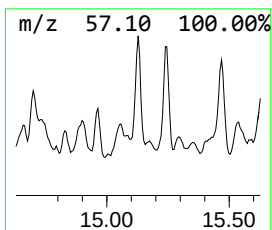
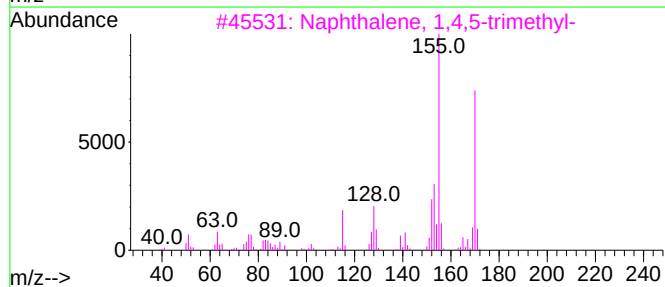
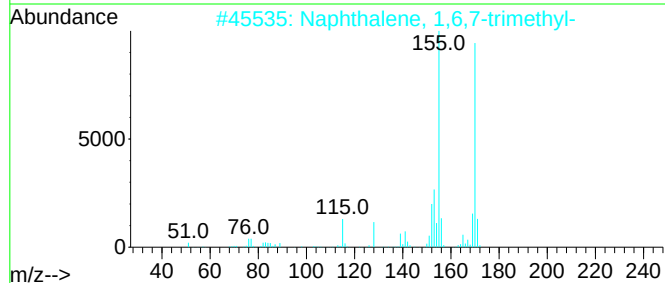
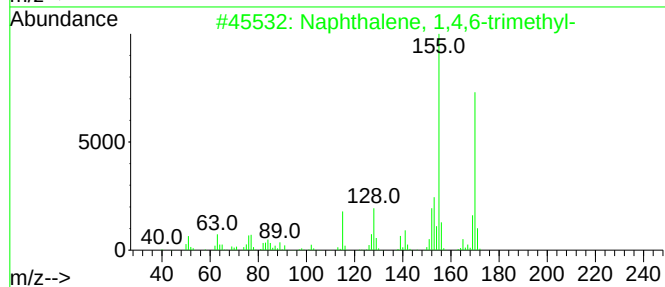
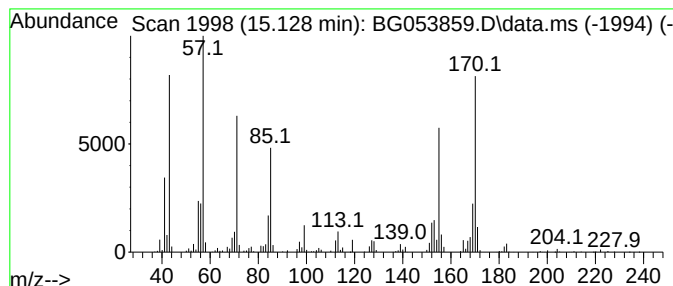
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.128	28.99 ng	1116370	Acenaphthene-d10	14.722	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	60
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	55
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	53
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
Data File : BG053859.D
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Sample : N3209-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

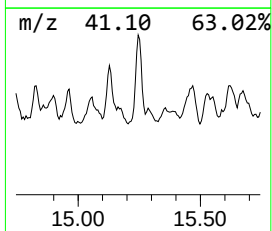
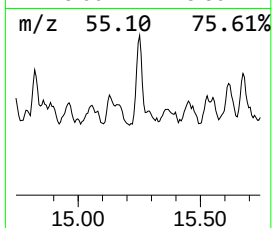
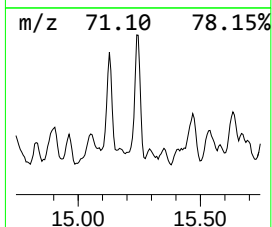
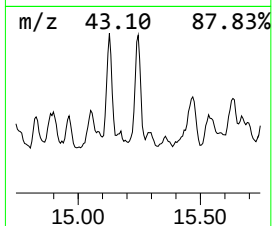
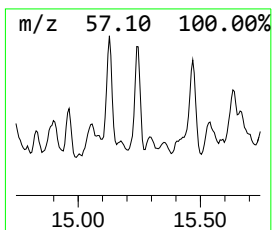
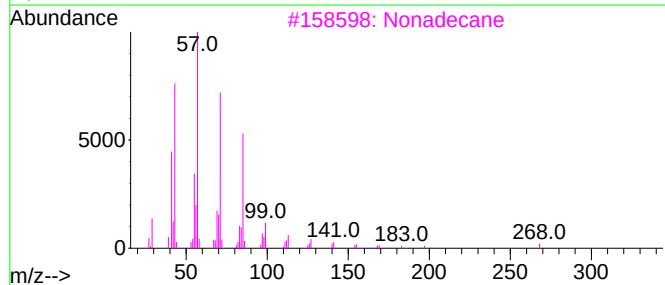
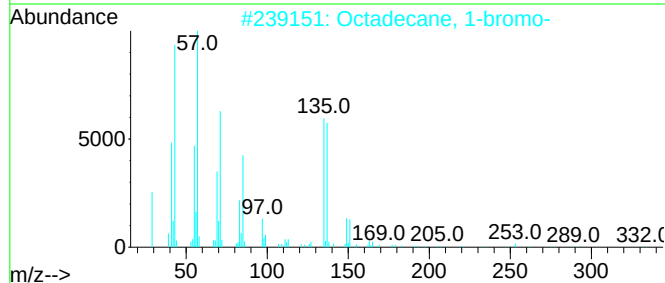
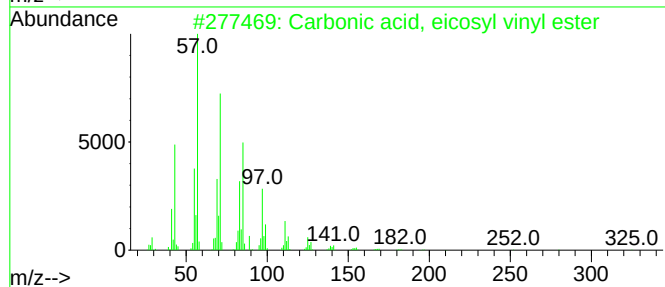
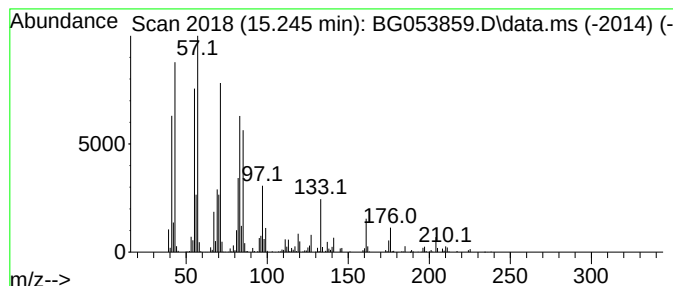
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Carbonic acid, eicosyl vinyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.245	25.77 ng	992469	Acenaphthene-d10		14.722	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester		368	C23H44O3	1000382-54-3	58
2	Octadecane, 1-bromo-		332	C18H37Br	000112-89-0	50
3	Nonadecane		268	C19H40	000629-92-5	49
4	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	46
5	Hexadecane		226	C16H34	000544-76-3	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
Data File : BG053859.D
Acq On : 9 Jun 2022 13:59
Operator : CG/JU
Sample : N3209-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

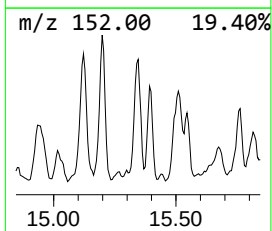
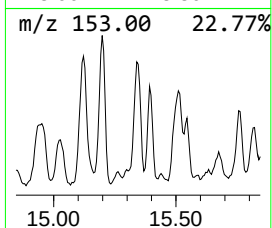
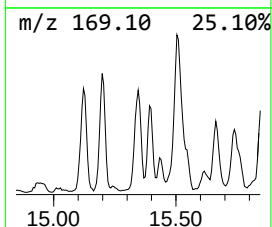
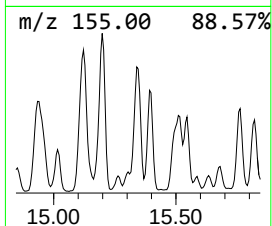
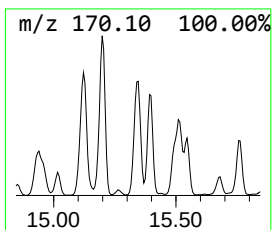
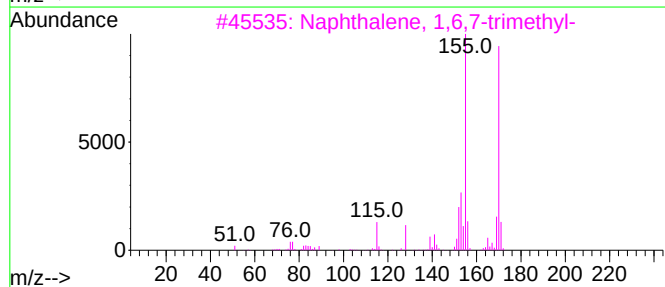
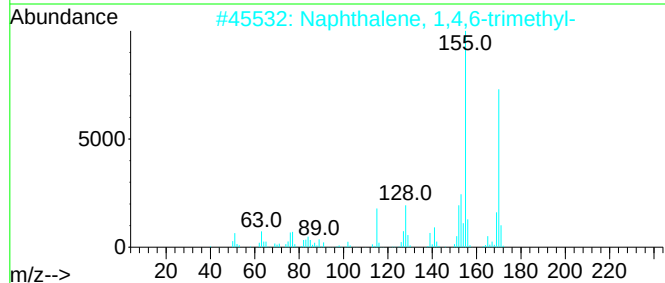
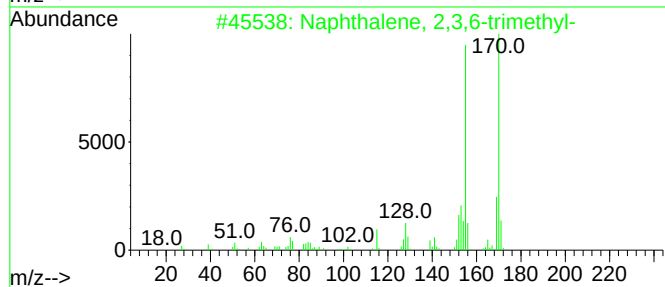
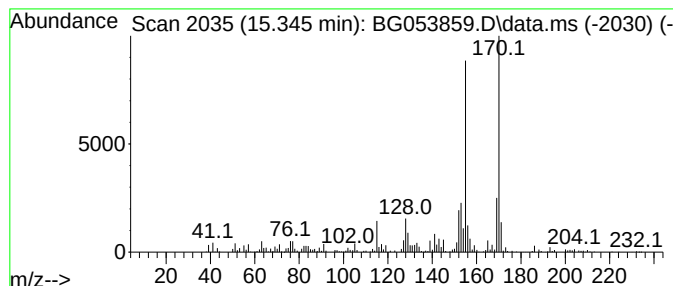
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.345	24.60 ng	947246	Acenaphthene-d10	14.722	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
Data File : BG053859.D
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Operator : CG/JU
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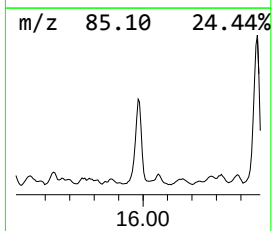
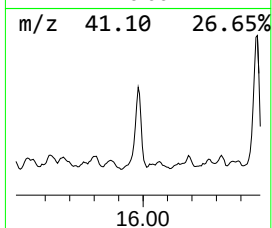
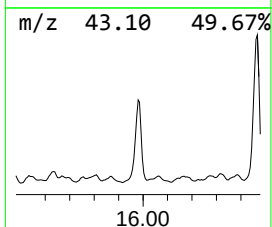
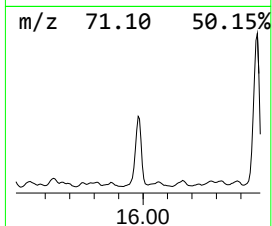
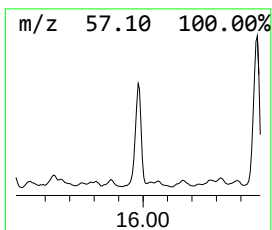
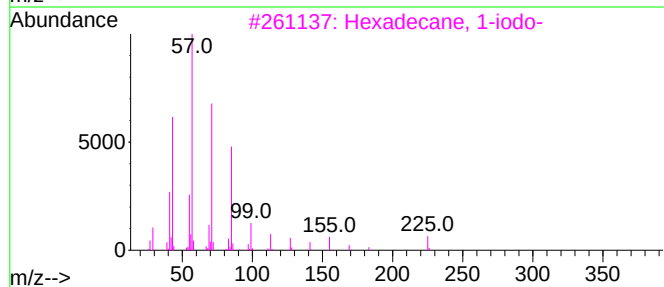
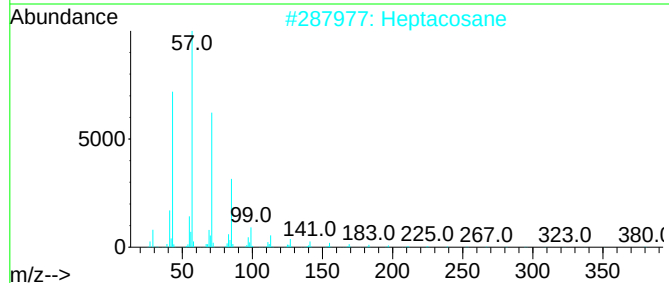
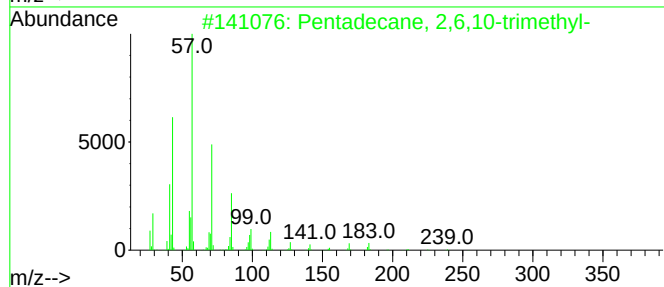
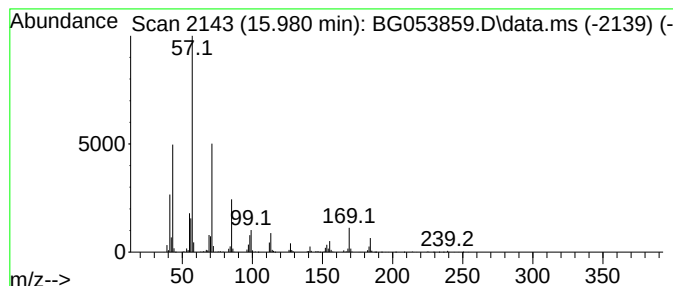
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ClientSampleId :
WC-14B-4-GR

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.980	68.63 ng	2642640	Acenaphthene-d10		14.722	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	72
2	Heptacosane		380	C27H56	000593-49-7	72
3	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	64
4	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	64
5	Tridecane, 5-propyl-		226	C16H34	055045-11-9	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
Data File : BG053859.D
Acq On : 9 Jun 2022 13:59
Operator : CG/JU
Sample : N3209-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

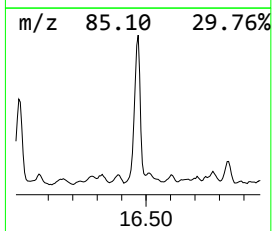
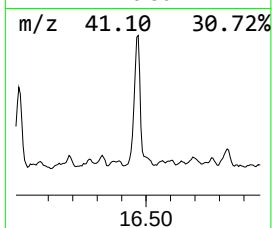
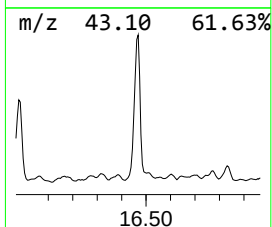
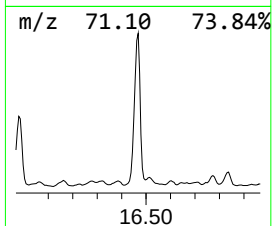
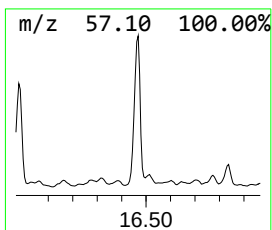
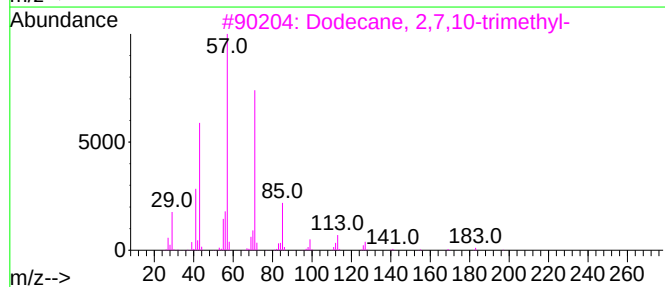
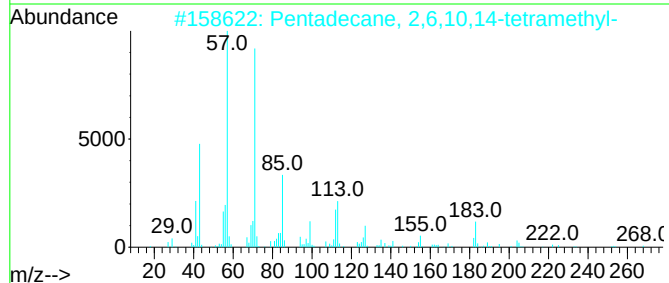
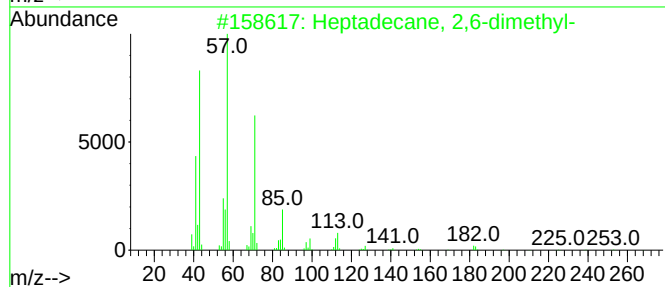
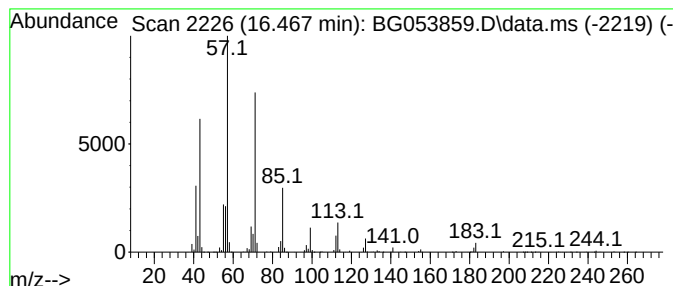
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ClientSampleId :
WC-14B-4-GR

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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 18 Heptadecane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.467	184.45 ng	4892990	Phenanthrene-d10	17.466	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	87
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
Data File : BG053859.D
Acq On : 9 Jun 2022 13:59
Operator : CG/JU
Sample : N3209-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-4-GR

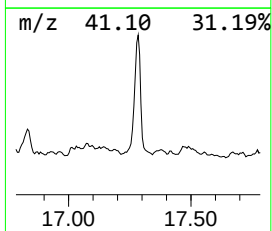
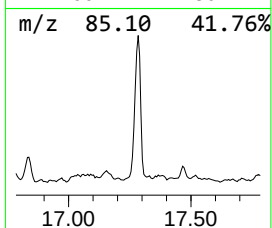
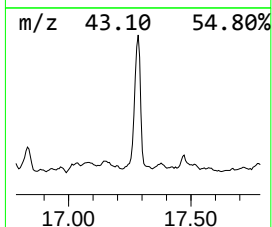
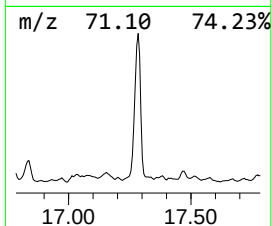
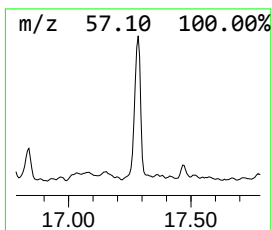
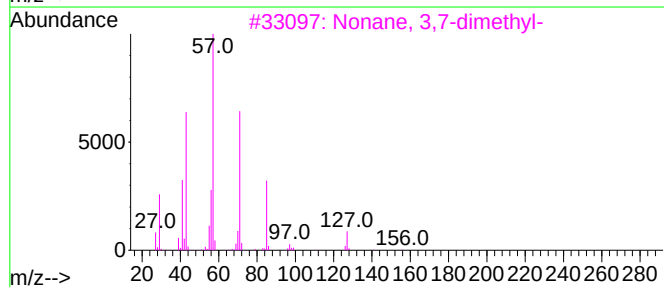
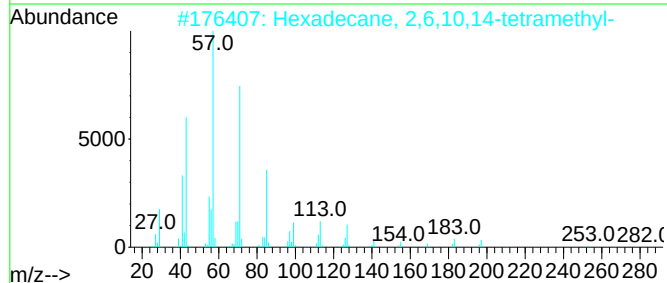
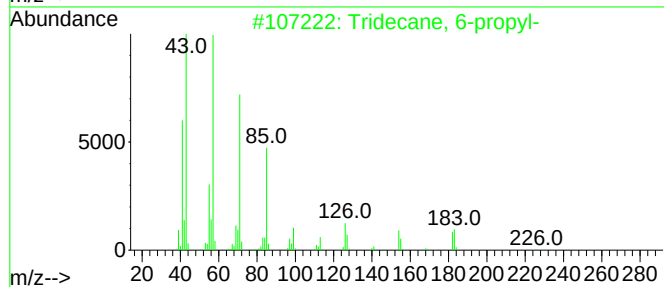
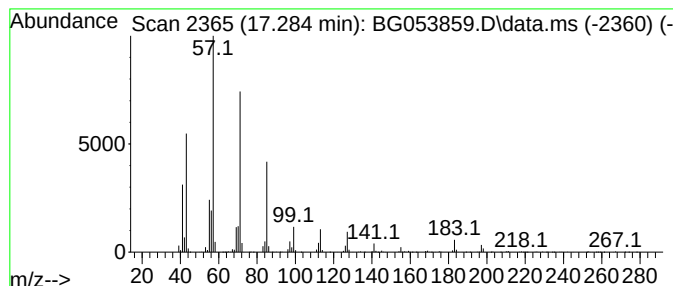
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 6-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.284	115.47 ng	3063010	Phenanthrene-d10	17.466

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
Data File : BG053859.D
Acq On : 9 Jun 2022 13:59
Operator : CG/JU
Sample : N3209-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-4-GR

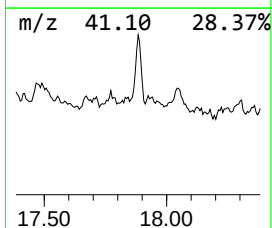
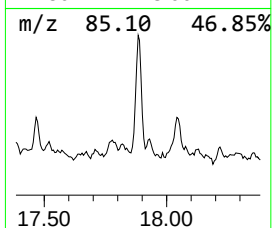
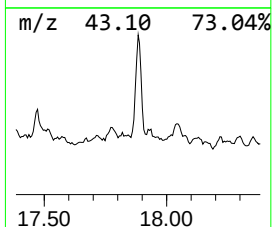
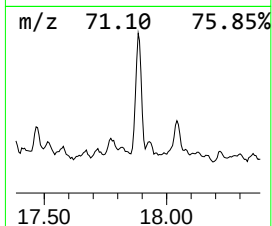
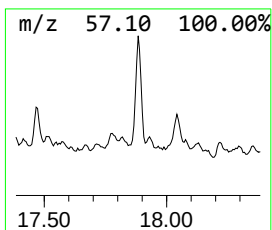
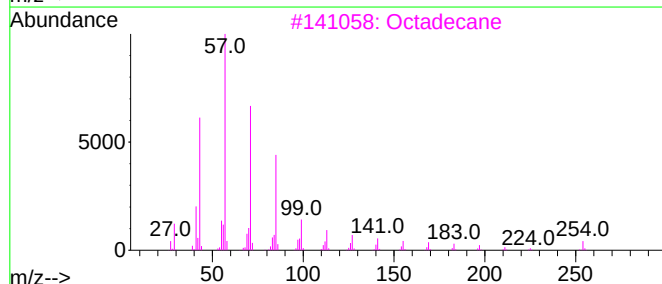
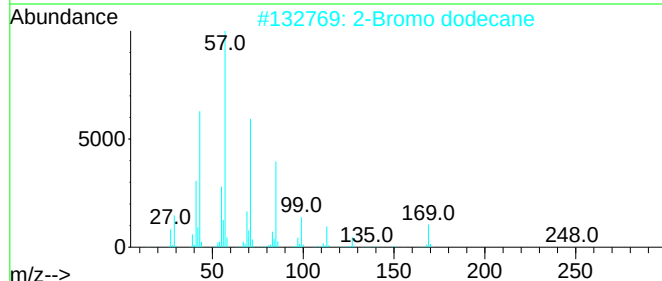
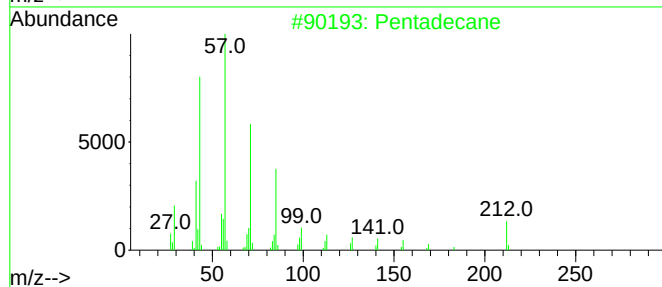
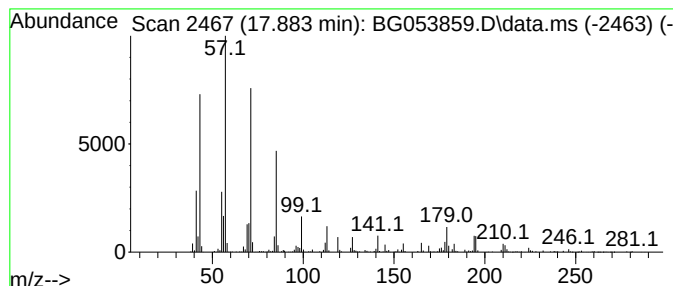
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.883	30.87 ng	818793	Phenanthrene-d10	17.466

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	91
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	91
3		Octadecane	254	C18H38	000593-45-3	87
4		Heptadecane	240	C17H36	000629-78-7	87
5		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
 Data File : BG053859.D
 Acq On : 9 Jun 2022 13:59
 Operator : CG/JU
 Sample : N3209-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-14B-4-GR

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.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
Isobutyl nonyl ...	9.581	18.1	ng	859517	2	10.909	952004	20.0
Naphthalene, de...	10.092	24.6	ng	1168820	2	10.909	952004	20.0
Undecane, 2,6-d...	11.080	36.1	ng	1717220	2	10.909	952004	20.0
Cyclohexane, he...	11.620	37.9	ng	1802010	2	10.909	952004	20.0
Dodecane, 2,6,1...	11.943	54.8	ng	2609380	2	10.909	952004	20.0
Carbonic acid, ...	12.543	35.7	ng	1699250	2	10.909	952004	20.0
n-Heptadecylcyc...	13.019	27.6	ng	1060810	3	14.722	770119	20.0
Dodecane, 2,7,1...	13.277	75.8	ng	2918680	3	14.722	770119	20.0
Cyclopentadecane	13.547	21.4	ng	825883	3	14.722	770119	20.0
Naphthalene, 2,...	14.053	24.0	ng	925683	3	14.722	770119	20.0
Naphthalene, 1,...	14.105	23.2	ng	894292	3	14.722	770119	20.0
Tetradecane, 1-...	14.217	80.2	ng	3089220	3	14.722	770119	20.0
2-Dodecen-1-yl(...	14.570	27.3	ng	1050600	3	14.722	770119	20.0
Naphthalene, 1,...	15.128	29.0	ng	1116370	3	14.722	770119	20.0
Carbonic acid, ...	15.245	25.8	ng	992469	3	14.722	770119	20.0
Naphthalene, 2,...	15.345	24.6	ng	947246	3	14.722	770119	20.0
Pentadecane, 2,...	15.980	68.6	ng	2642640	3	14.722	770119	20.0
Heptadecane, 2,...	16.467	184.4	ng	4892990	4	17.466	530537	20.0
Tridecane, 6-pr...	17.284	115.5	ng	3063010	4	17.466	530537	20.0
Pentadecane	17.883	30.9	ng	818793	4	17.466	530537	20.0