

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
 Data File : BM029626.D
 Acq On : 23 Apr 2021 23:09
 Operator : CG/JU
 Sample : M2142-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-04-042221

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_M\Methods\8270-BM042121.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029626.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.234	392	399	408	rBV	699047	1019705	41.14%	3.829%
2	6.816	657	668	682	rBV	623713	1077671	43.48%	4.047%
3	7.263	739	744	754	rBV2	41536	77678	3.13%	0.292%
4	7.634	798	807	814	rBV	395066	639763	25.81%	2.402%
5	8.169	887	898	904	rBV5	27561	74010	2.99%	0.278%
6	8.292	916	919	923	rVB2	23260	30805	1.24%	0.116%
7	8.398	930	937	940	rBV	27464	45777	1.85%	0.172%
8	8.734	983	994	997	rBV5	38681	83412	3.37%	0.313%
9	8.787	997	1003	1011	rVV	386759	690444	27.85%	2.593%
10	8.857	1011	1015	1025	rVB	177867	275043	11.10%	1.033%
11	8.981	1025	1036	1042	rVB9	34768	104092	4.20%	0.391%
12	9.069	1042	1051	1052	rBV6	17132	37098	1.50%	0.139%
13	9.269	1079	1085	1089	rBV3	23424	49843	2.01%	0.187%
14	9.316	1089	1093	1094	rBV	21284	28342	1.14%	0.106%
15	9.516	1119	1127	1129	rBV7	18217	34541	1.39%	0.130%
16	9.551	1129	1133	1137	rBV4	27269	40546	1.64%	0.152%
17	9.604	1137	1142	1144	rBV5	23479	40510	1.63%	0.152%
18	9.704	1150	1159	1163	rVB3	41951	101381	4.09%	0.381%
19	9.775	1163	1171	1175	rBV3	55940	97786	3.94%	0.367%
20	9.822	1175	1179	1181	rBV3	33235	54030	2.18%	0.203%
21	9.851	1181	1184	1188	rVB	43617	57187	2.31%	0.215%
22	9.957	1197	1202	1206	rBV2	45733	74521	3.01%	0.280%
23	10.004	1207	1210	1214	rVV5	25094	38215	1.54%	0.143%
24	10.045	1214	1217	1224	rVB2	32649	53974	2.18%	0.203%
25	10.122	1224	1230	1234	rBV	22932	45612	1.84%	0.171%
26	10.281	1253	1257	1260	rBV4	19602	32196	1.30%	0.121%
27	10.322	1260	1264	1269	rBV5	18932	33598	1.36%	0.126%
28	10.404	1269	1278	1285	rBV2	611433	1342903	54.18%	5.042%
29	10.533	1296	1300	1304	rVV5	34402	53338	2.15%	0.200%
30	10.581	1304	1308	1314	rVB	124029	188559	7.61%	0.708%
31	10.639	1314	1318	1326	rBV7	34582	73250	2.96%	0.275%
32	10.710	1326	1330	1336	rVB7	27875	50867	2.05%	0.191%
33	10.828	1341	1350	1354	rBV8	25078	70534	2.85%	0.265%
34	10.881	1355	1359	1361	rBV	20749	29395	1.19%	0.110%
35	10.992	1373	1378	1382	rVB5	21116	36805	1.48%	0.138%
36	11.086	1388	1394	1395	rBV3	32682	52089	2.10%	0.196%

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Stop Thrs : 0

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

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.116	1395	1399	1403	rVV3	67309	133670	5.39%	0.502%
38	11.180	1407	1410	1417	rVB4	43881	77247	3.12%	0.290%
39	11.257	1417	1423	1429	rBV3	74824	131327	5.30%	0.493%
40	11.333	1430	1436	1443	rVB4	90756	176720	7.13%	0.664%
41	11.445	1449	1455	1464	rBV2	177661	360196	14.53%	1.353%
42	11.522	1465	1468	1474	rVB5	28193	51267	2.07%	0.193%
43	11.604	1477	1482	1491	rVB3	85195	152518	6.15%	0.573%
44	11.704	1491	1499	1503	rBV6	30106	64276	2.59%	0.241%
45	11.851	1518	1524	1534	rVB	426299	660402	26.64%	2.480%
46	11.969	1541	1544	1552	rVB3	54504	101343	4.09%	0.381%
47	12.075	1559	1562	1570	rVB5	79087	133297	5.38%	0.501%
48	12.145	1571	1574	1579	rBV7	12895	29744	1.20%	0.112%
49	12.216	1583	1586	1589	rBV4	22732	28518	1.15%	0.107%
50	12.298	1595	1600	1603	rBV5	37819	68819	2.78%	0.258%
51	12.339	1603	1607	1612	rVB2	80361	121488	4.90%	0.456%
52	12.492	1629	1633	1637	rVB3	39789	53403	2.15%	0.201%
53	12.539	1637	1641	1648	rVB4	53867	116997	4.72%	0.439%
54	12.604	1648	1652	1658	rBV4	56081	95820	3.87%	0.360%
55	12.675	1661	1664	1675	rVB2	75035	142751	5.76%	0.536%
56	12.763	1675	1679	1684	rBV4	78003	138835	5.60%	0.521%
57	12.816	1684	1688	1694	rVB2	164828	231527	9.34%	0.869%
58	12.892	1695	1701	1712	rVB	1126972	1660282	66.98%	6.234%
59	13.110	1731	1738	1745	rVB	376162	566876	22.87%	2.129%
60	13.216	1750	1756	1762	rVV3	56466	139882	5.64%	0.525%
61	13.269	1762	1765	1769	rVB3	39946	55535	2.24%	0.209%
62	13.433	1789	1793	1796	rBV6	25477	49007	1.98%	0.184%
63	13.645	1824	1829	1833	rVV6	44575	69599	2.81%	0.261%
64	13.686	1834	1836	1841	rVB5	29356	43469	1.75%	0.163%
65	13.739	1841	1845	1847	rBV3	75733	104598	4.22%	0.393%
66	13.769	1847	1850	1854	rVV2	115885	167688	6.77%	0.630%
67	13.810	1854	1857	1863	rVB3	57516	88515	3.57%	0.332%
68	13.886	1868	1870	1875	rVB	32703	36881	1.49%	0.138%
69	13.998	1883	1889	1895	rBV	71331	128403	5.18%	0.482%
70	14.133	1905	1912	1915	rVB5	26744	60569	2.44%	0.227%
71	14.192	1917	1922	1927	rVB	233007	312527	12.61%	1.174%
72	14.280	1930	1937	1944	rVB	709808	1089422	43.95%	4.091%
73	14.686	2004	2006	2012	rVB3	34545	48574	1.96%	0.182%
74	14.810	2023	2027	2035	rVB3	49190	85486	3.45%	0.321%
75	14.886	2036	2040	2042	rBV3	19007	32191	1.30%	0.121%
76	15.145	2080	2084	2090	rVB2	122846	151523	6.11%	0.569%

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77	15.327	2111	2115	2119	rBV4	28442	41571	1.68%	0.156%
78	15.551	2147	2153	2158	rBV2	45551	82380	3.32%	0.309%
79	15.768	2184	2190	2198	rBV	884651	1241950	50.10%	4.663%
80	16.004	2226	2230	2239	rBV	92429	186528	7.53%	0.700%
81	16.798	2361	2365	2369	rBV3	47042	60369	2.44%	0.227%
82	16.845	2369	2373	2383	rVB2	49564	95796	3.86%	0.360%
83	17.021	2398	2403	2407	rBV	855110	1197073	48.29%	4.495%
84	17.062	2407	2410	2416	rVB	174433	232378	9.37%	0.873%
85	17.157	2421	2426	2432	rVB	95377	150369	6.07%	0.565%
86	17.215	2432	2436	2441	rBV5	19547	38663	1.56%	0.145%
87	17.533	2487	2490	2494	rVB2	47782	55026	2.22%	0.207%
88	17.704	2516	2519	2522	rBV3	32209	35782	1.44%	0.134%
89	17.898	2548	2552	2554	rBV	53796	74477	3.00%	0.280%
90	17.927	2554	2557	2567	rVB2	109003	247033	9.97%	0.928%
91	18.086	2580	2584	2589	rBV2	85496	152793	6.16%	0.574%
92	18.227	2605	2608	2612	rVB2	46545	49763	2.01%	0.187%
93	18.821	2706	2709	2711	rBV	61024	69554	2.81%	0.261%
94	18.856	2712	2715	2717	rBV3	59316	83374	3.36%	0.313%
95	19.080	2749	2753	2760	rBV	500721	703243	28.37%	2.641%
96	19.445	2811	2815	2824	rVB	565958	811523	32.74%	3.047%
97	19.656	2846	2851	2855	rBV	2074804	2478751	100.00%	9.308%
98	20.933	3065	3068	3074	rBV2	254964	314910	12.70%	1.182%
99	21.203	3109	3114	3118	rBV2	1329014	2083421	84.05%	7.823%
100	23.403	3484	3488	3494	rVB2	801898	1348301	54.39%	5.063%

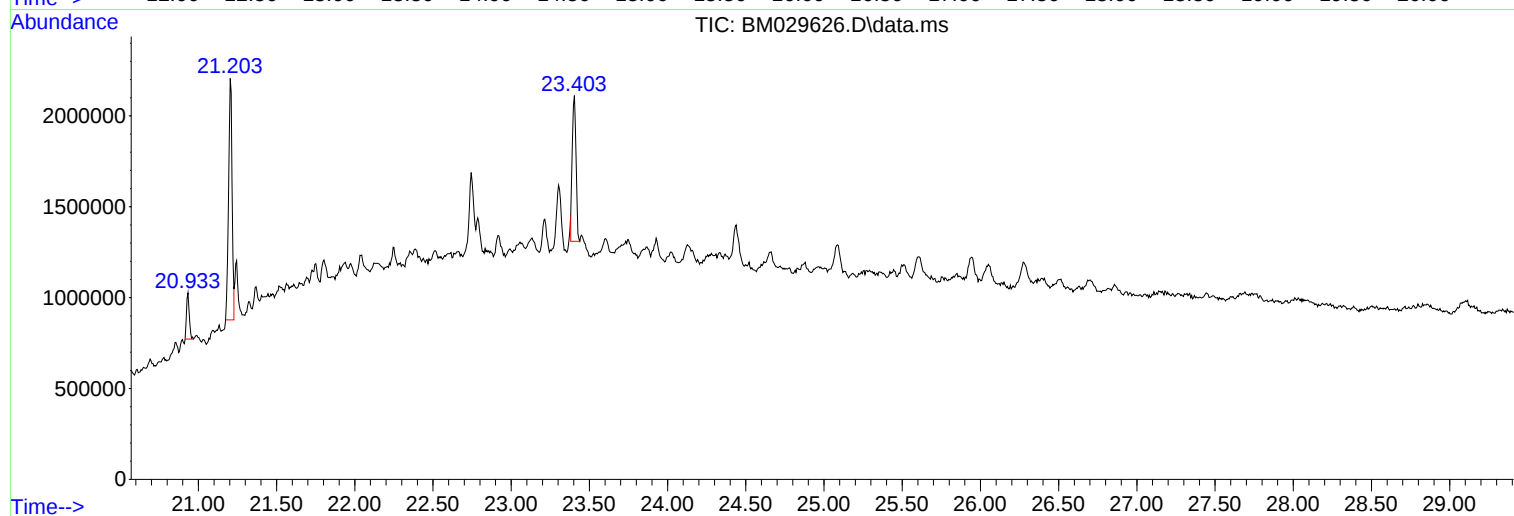
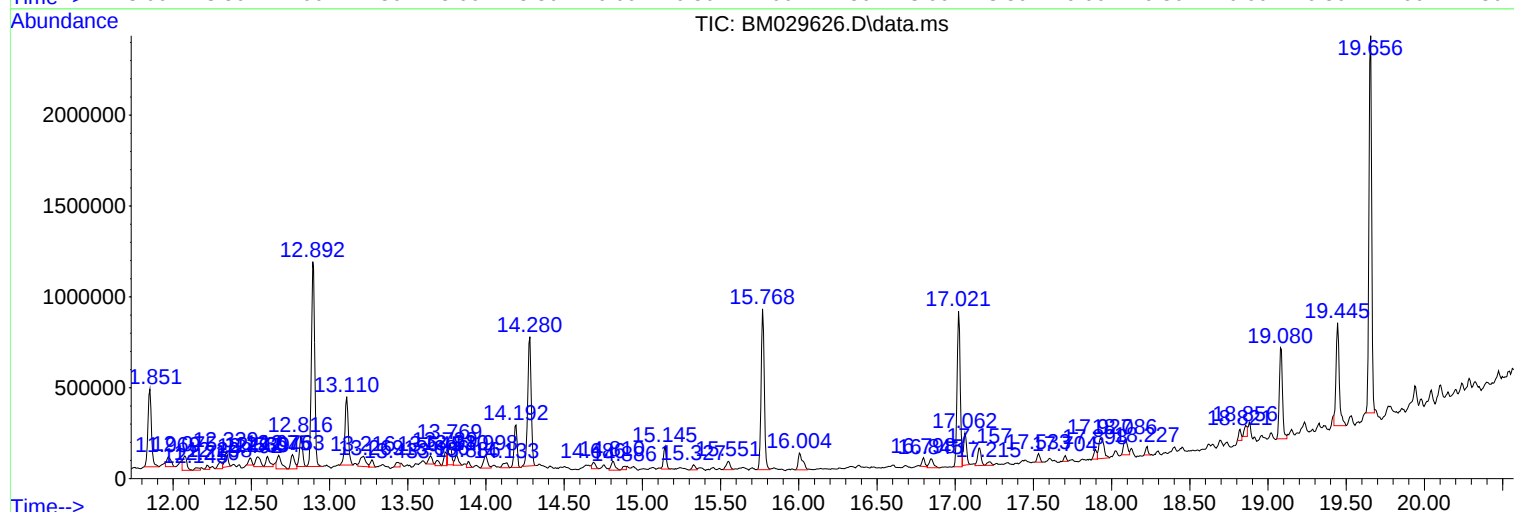
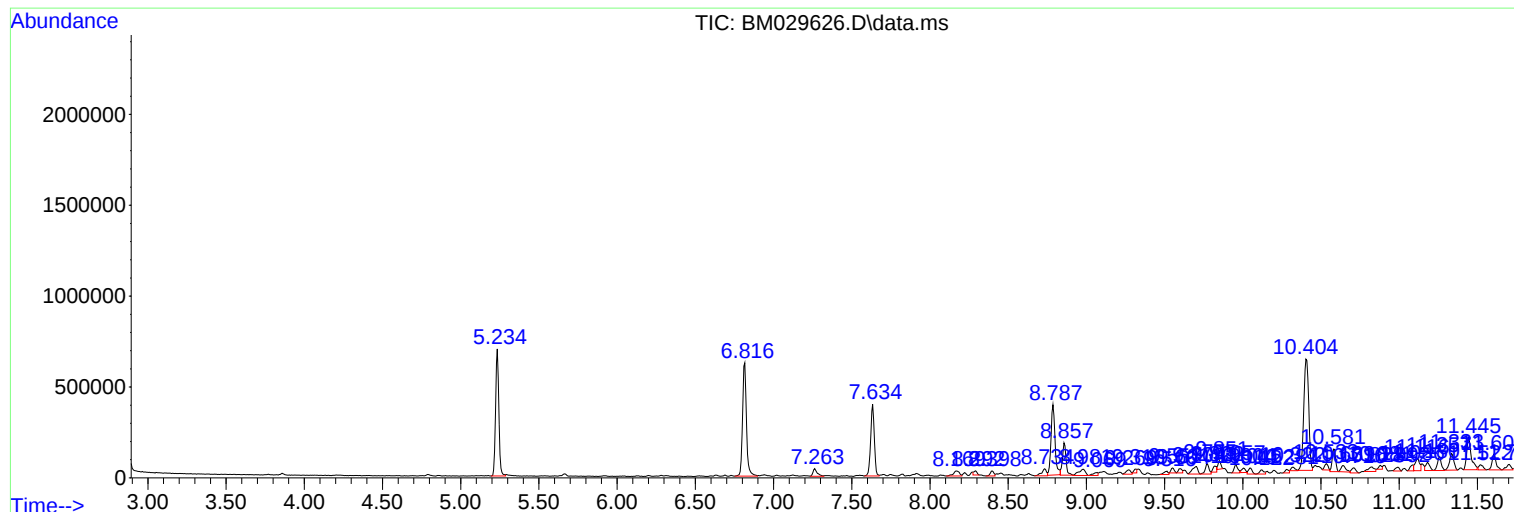
Sum of corrected areas: 26631740

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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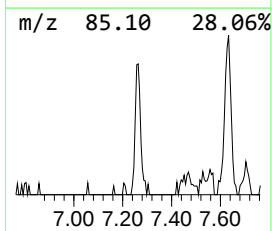
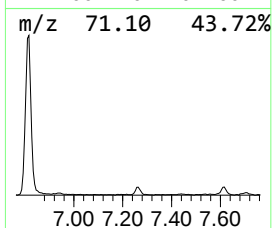
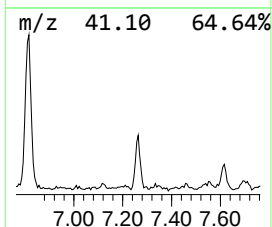
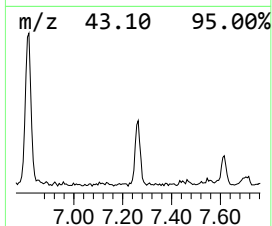
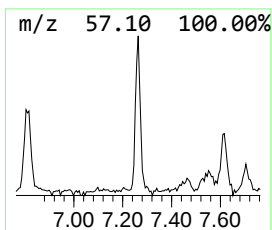
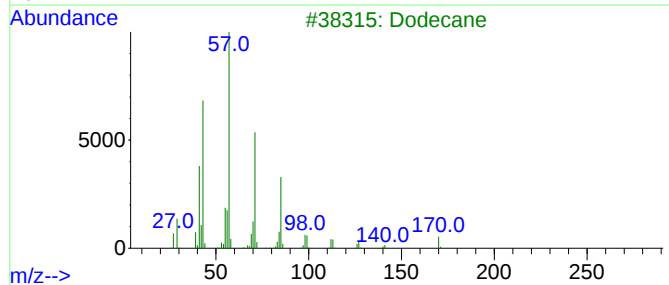
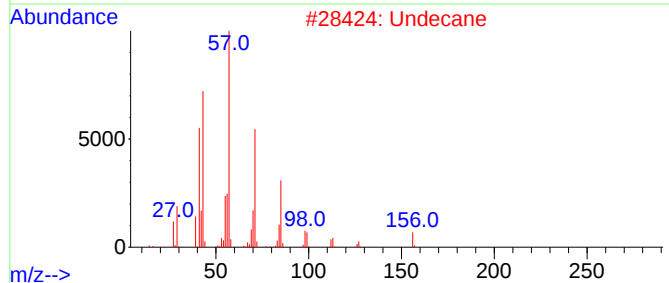
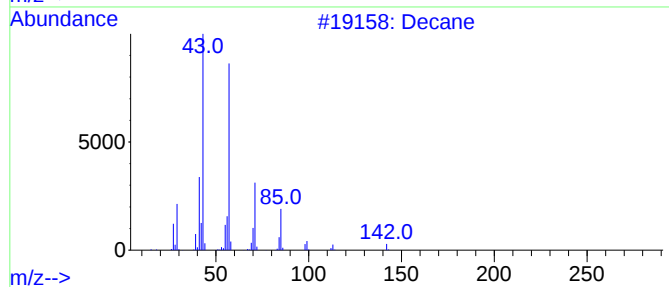
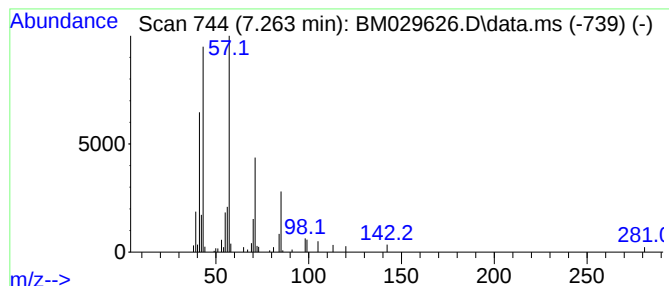
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Decane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.263	2.43 ng	77678	1,4-Dichlorobenzene-d4	7.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane	142	C10H22	000124-18-5	91
2		Undecane	156	C11H24	001120-21-4	83
3		Dodecane	170	C12H26	000112-40-3	83
4		Tridecane	184	C13H28	000629-50-5	83
5		Tetratetracontane	619	C44H90	007098-22-8	78



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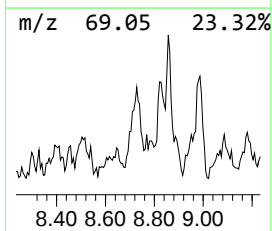
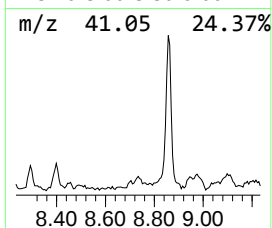
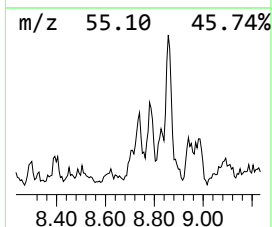
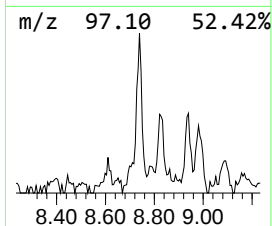
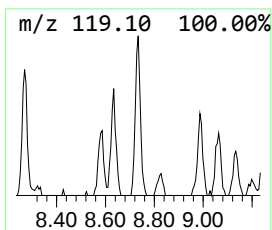
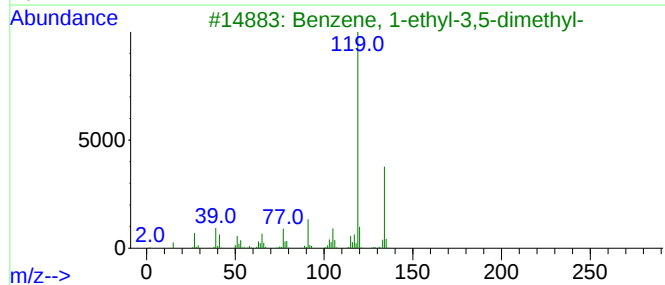
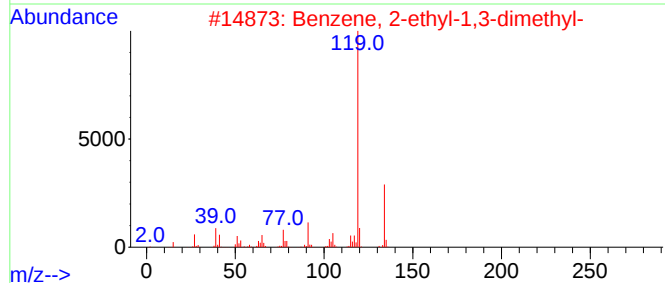
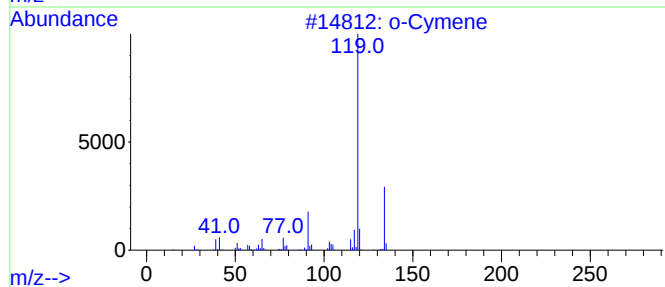
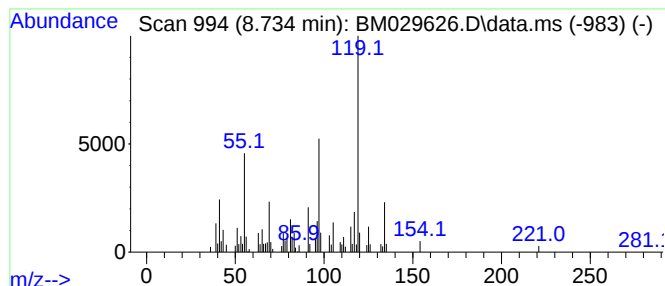
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 o-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.734	2.61 ng	83412	1,4-Dichlorobenzene-d4	7.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	60
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	60
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60
5			p-Cymene	134	C10H14	000099-87-6	60



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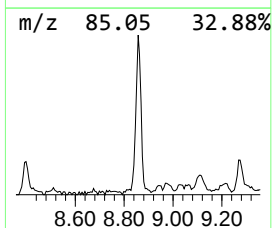
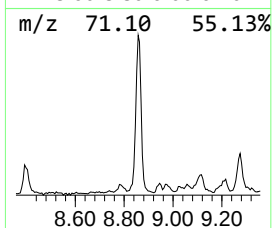
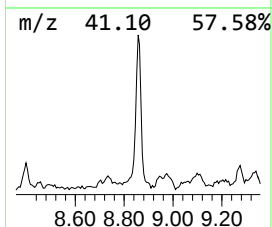
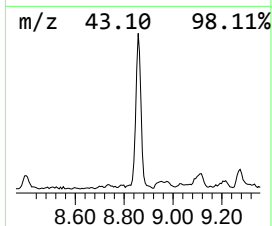
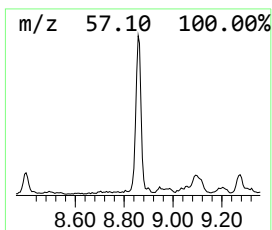
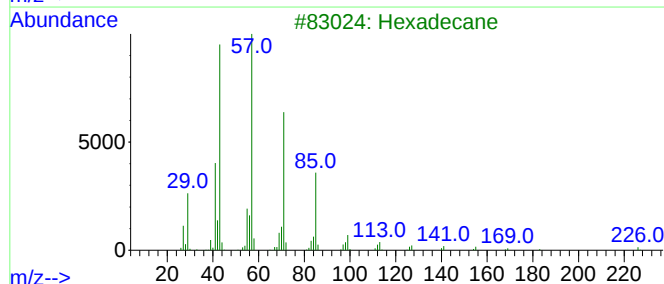
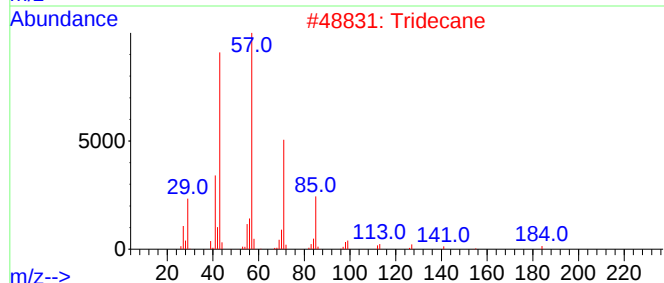
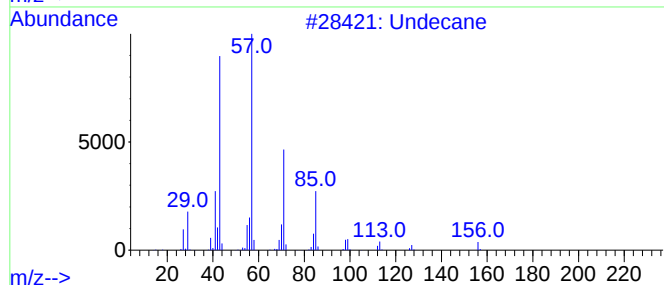
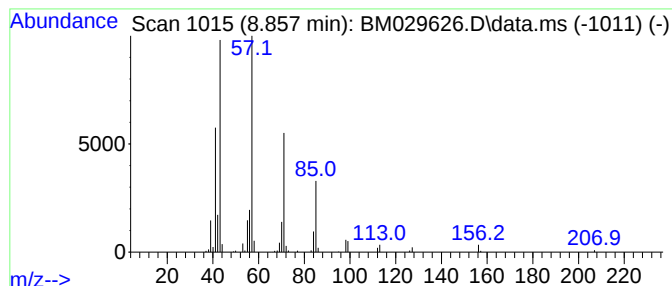
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.857	8.60 ng	275043	1,4-Dichlorobenzene-d4	7.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	93
2	Tridecane			184	C13H28	000629-50-5	86
3	Hexadecane			226	C16H34	000544-76-3	83
4	Decane, 2,3,6-trimethyl-			184	C13H28	062238-12-4	72
5	Decane, 2,4-dimethyl-			170	C12H26	002801-84-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029626.D
Acq On : 23 Apr 2021 23:09
Operator : CG/JU
Sample : M2142-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-04-042221

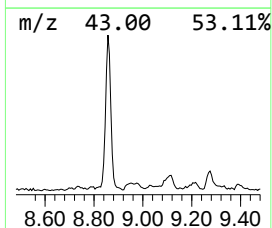
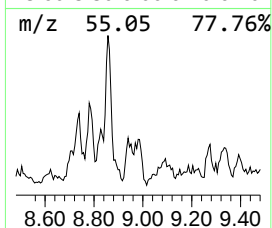
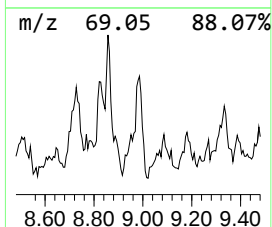
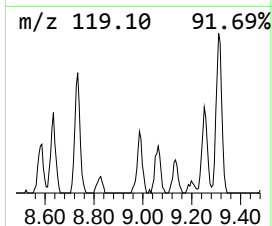
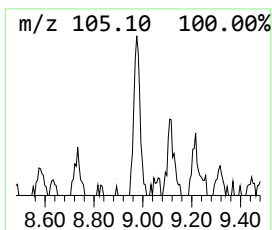
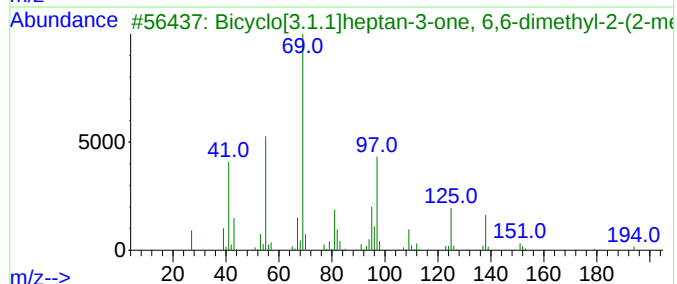
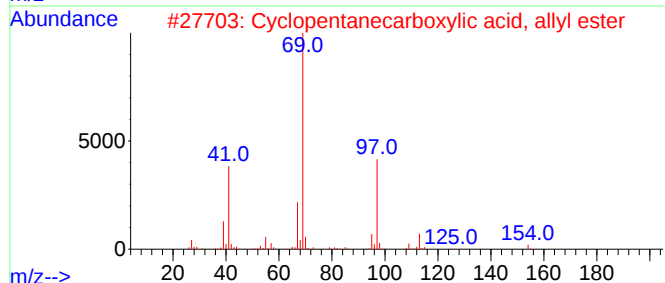
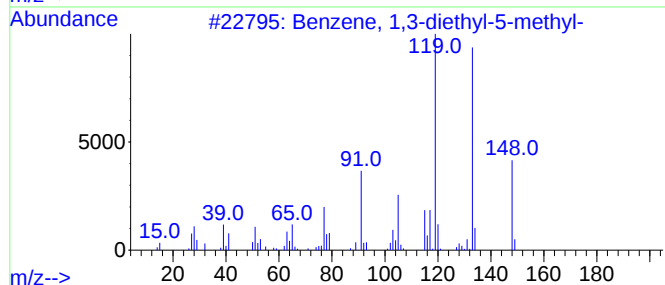
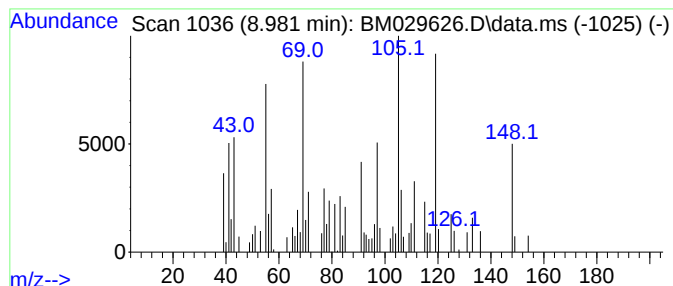
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown8.981 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.981	3.25 ng	104092	1,4-Dichlorobenzene-d4	7.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	42
2			Cyclopentanecarboxylic acid, all...	154	C9H14O2	178905-33-4	22
3			Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	22
4			4-Methylphthalaldehyde	148	C9H8O2	015158-36-8	22
5			3,4-Dihydro-2-quinoxalino	148	C8H8N2O	1000332-36-8	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029626.D
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Operator : CG/JU
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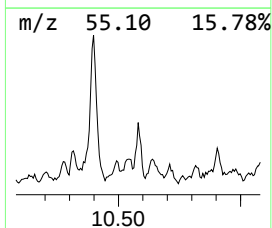
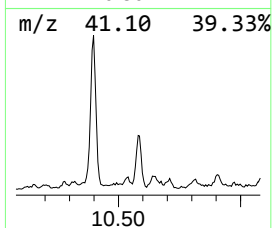
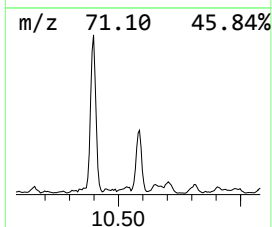
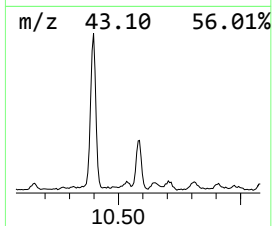
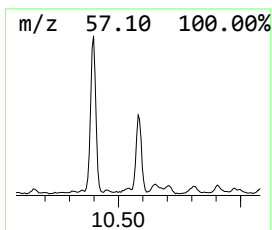
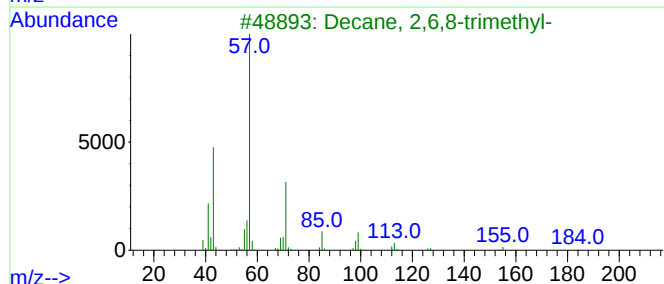
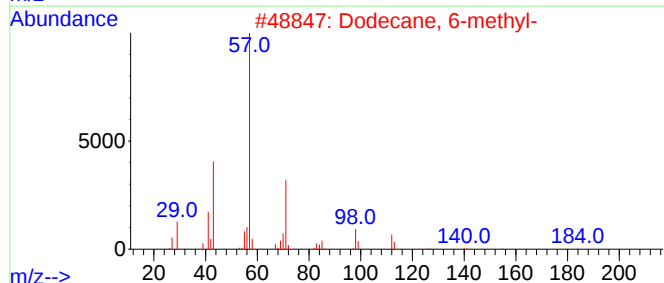
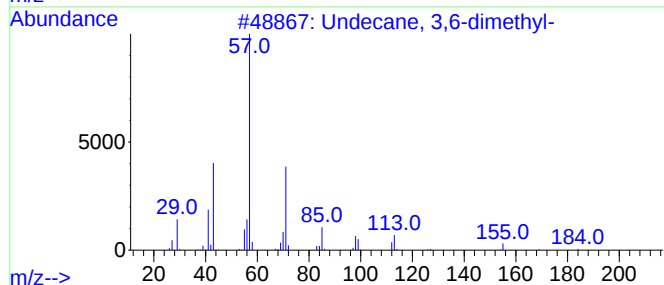
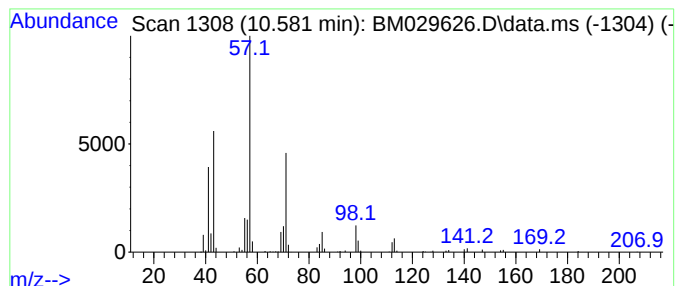
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Undecane, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.581	2.81 ng	188559	Naphthalene-d8	10.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
2			Dodecane, 6-methyl-	184	C13H28	006044-71-9	87
3			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	83
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81
5			Undecane, 6-ethyl-	184	C13H28	017312-60-6	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029626.D
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Sample : M2142-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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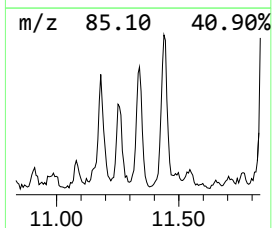
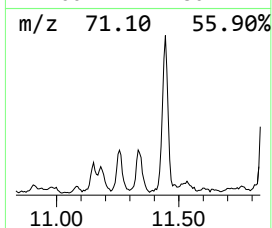
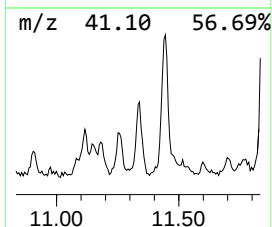
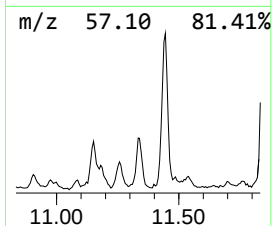
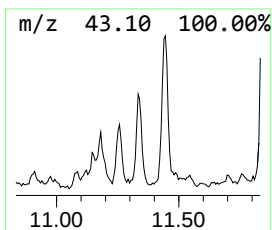
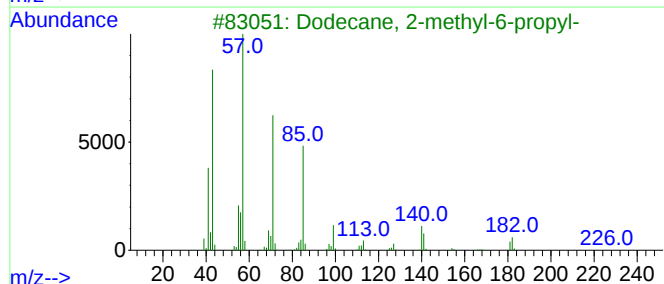
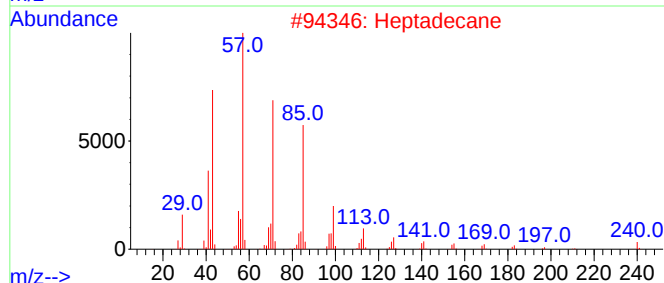
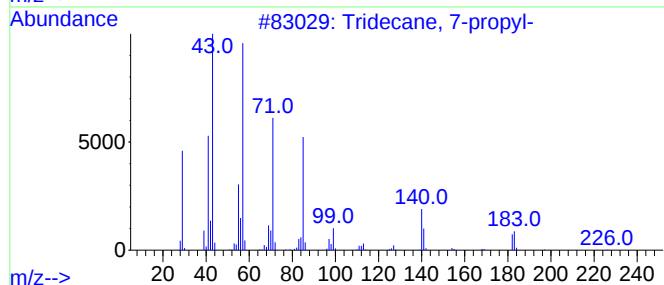
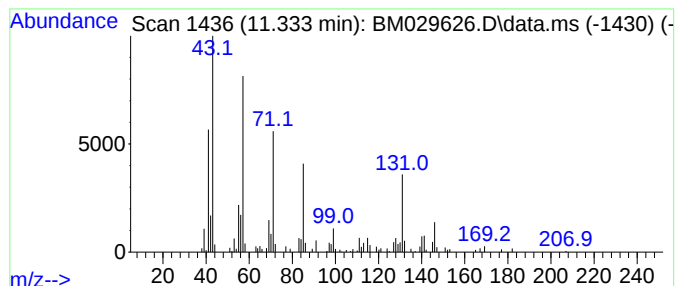
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tridecane, 7-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.333	2.63 ng	176720	Naphthalene-d8	10.410

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 7-propyl-	226	C16H34	055045-09-5	64
2		Heptadecane	240	C17H36	000629-78-7	58
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	58
4		Hexadecane	226	C16H34	000544-76-3	58
5		Nonadecane	268	C19H40	000629-92-5	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029626.D
Acq On : 23 Apr 2021 23:09
Operator : CG/JU
Sample : M2142-01 2X
Misc :
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Instrument :
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ClientSampleId :
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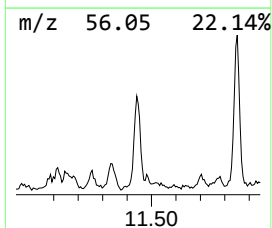
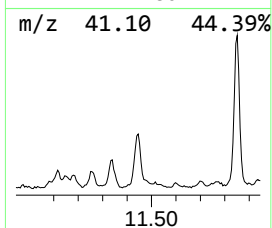
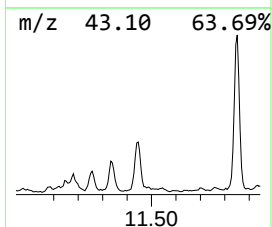
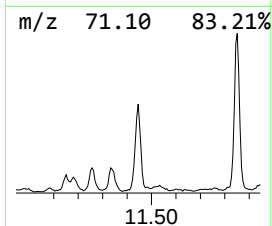
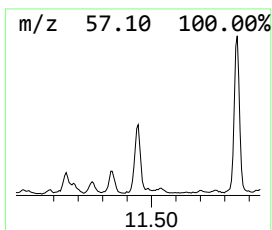
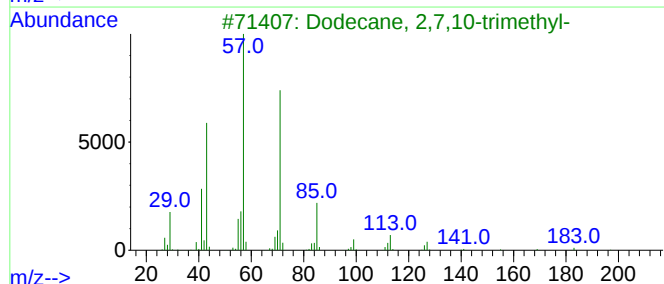
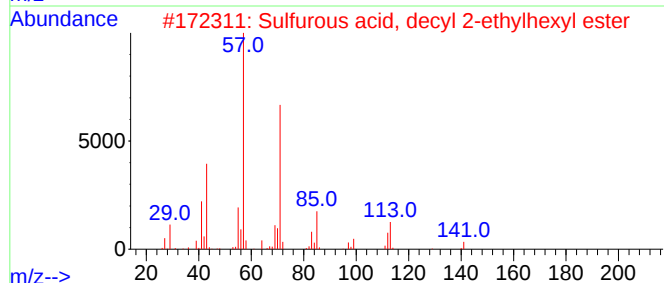
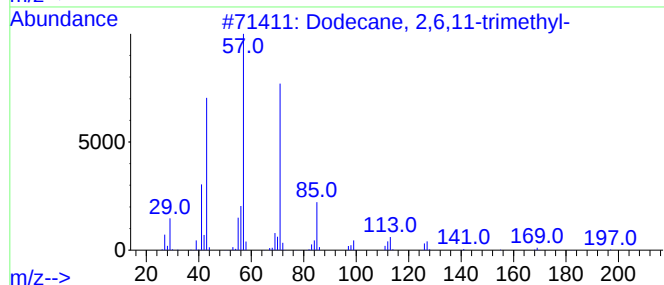
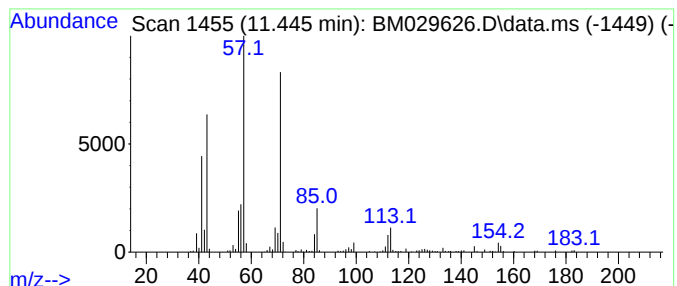
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Dodecane, 2,6,11-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.445	5.36 ng	360196	Naphthalene-d8	10.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
2			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	80
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029626.D
Acq On : 23 Apr 2021 23:09
Operator : CG/JU
Sample : M2142-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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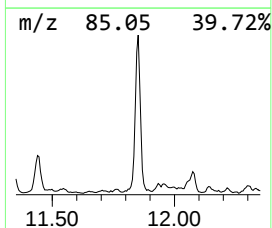
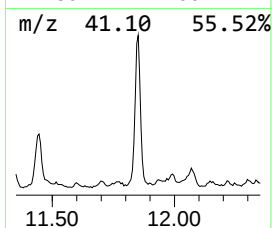
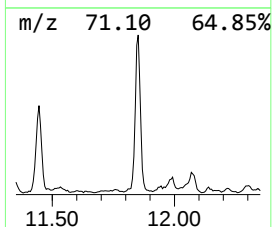
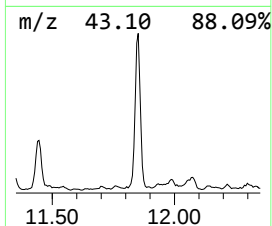
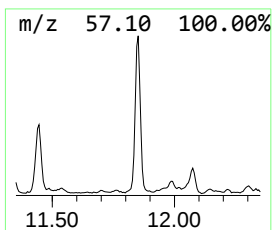
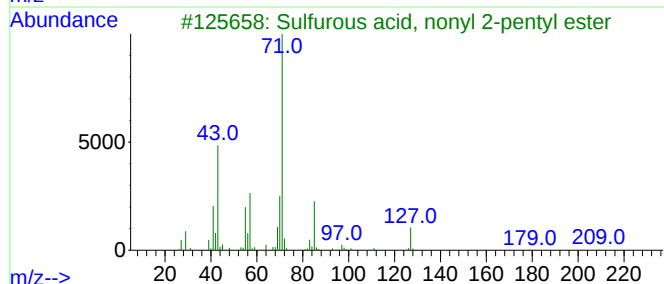
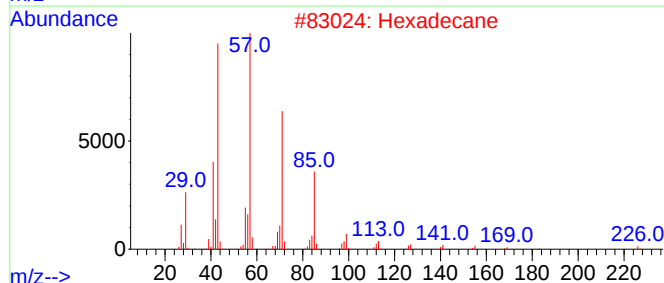
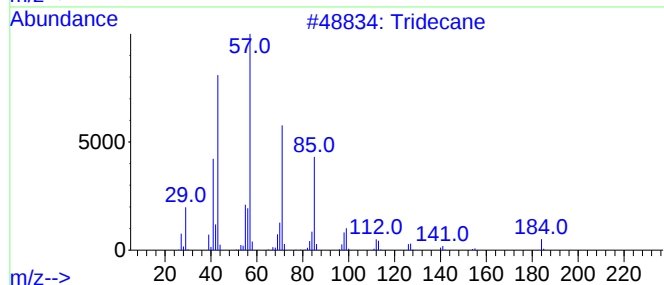
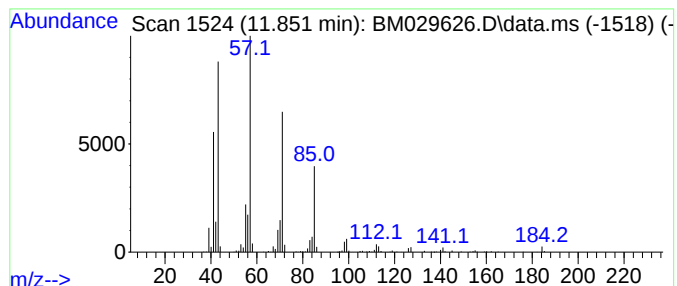
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	9.84 ng	660402	Naphthalene-d8	10.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	94
2			Hexadecane	226	C16H34	000544-76-3	80
3			Sulfurous acid, nonyl 2-pentyl e...	278	C14H30O3S	1000309-15-8	72
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
5			Octadecane	254	C18H38	000593-45-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029626.D
Acq On : 23 Apr 2021 23:09
Operator : CG/JU
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Misc :
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ClientSampleId :
EO-04-042221

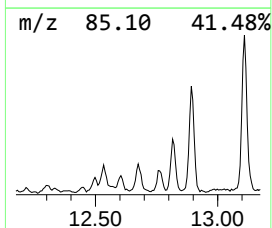
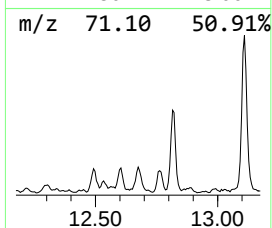
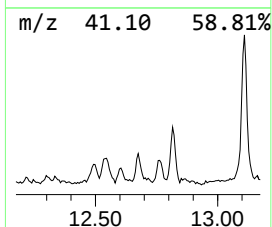
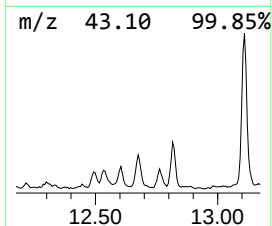
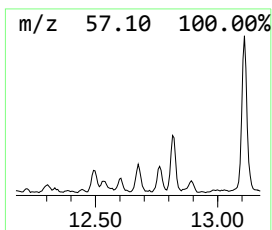
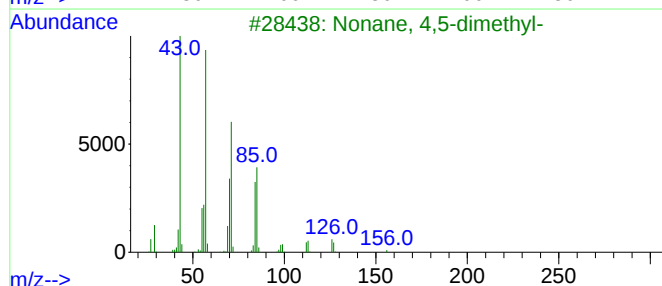
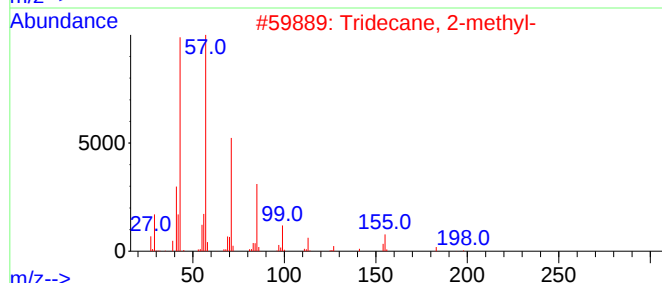
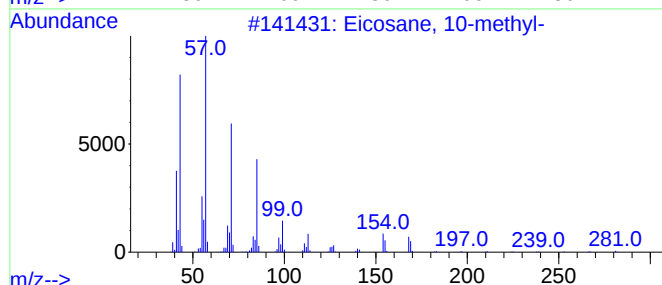
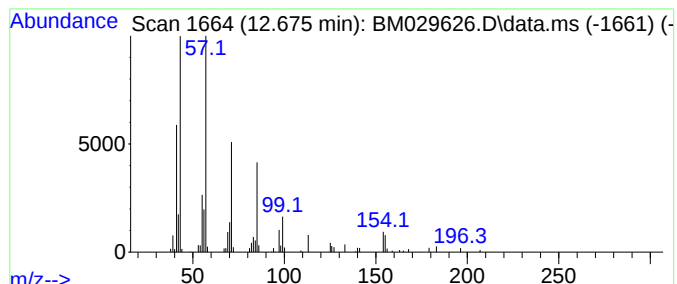
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Eicosane, 10-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.675	2.62 ng	142751	Acenaphthene-d10	14.280

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
3			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	64
4			Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	64
5			Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029626.D
Acq On : 23 Apr 2021 23:09
Operator : CG/JU
Sample : M2142-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-04-042221

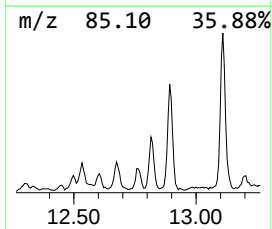
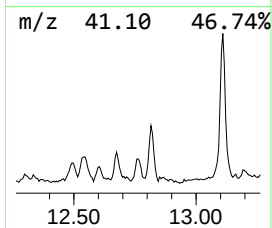
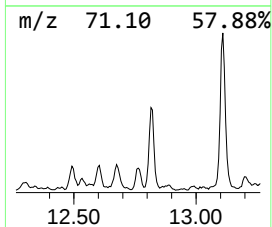
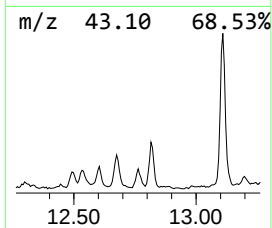
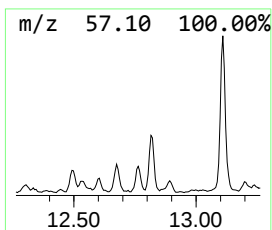
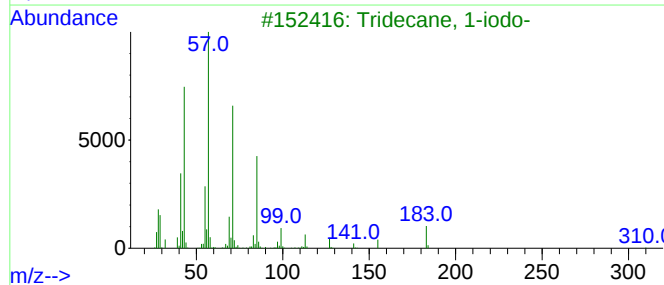
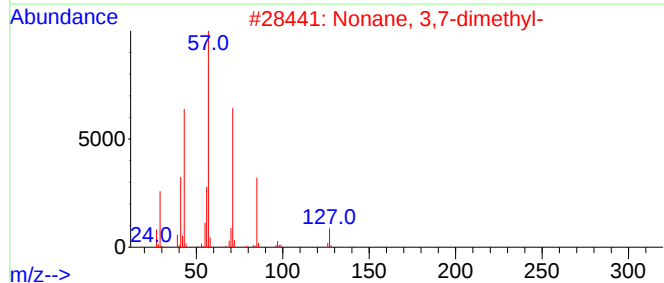
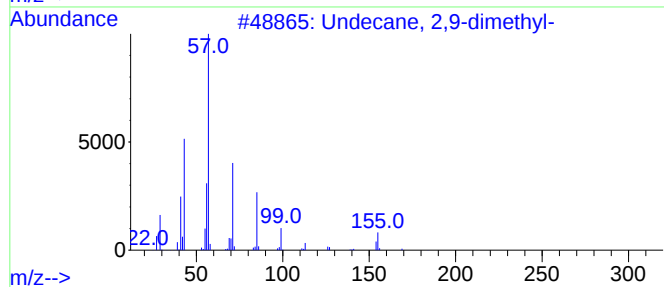
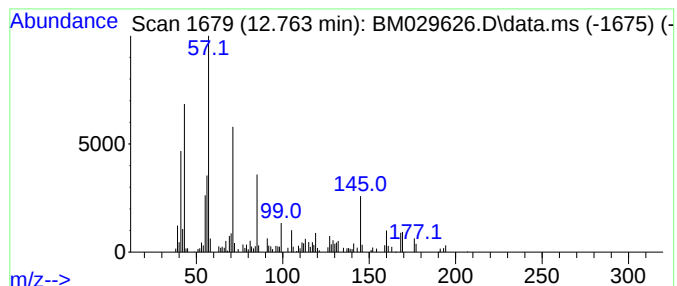
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Undecane, 2,9-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.763	2.55 ng	138835	Acenaphthene-d10	14.280

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	53
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	52
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	49
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	49
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029626.D
Acq On : 23 Apr 2021 23:09
Operator : CG/JU
Sample : M2142-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-04-042221

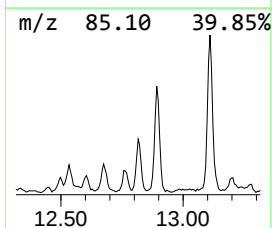
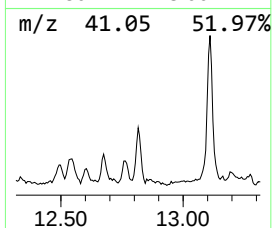
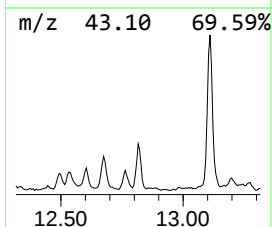
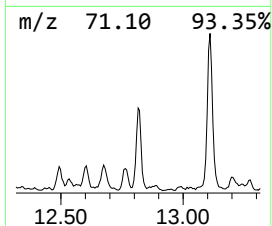
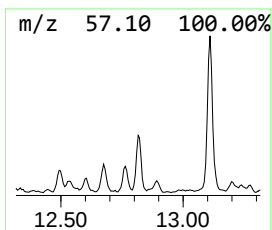
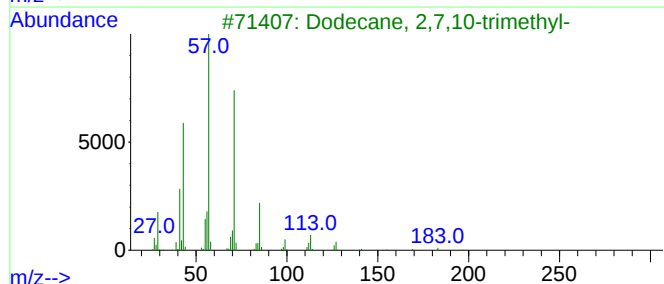
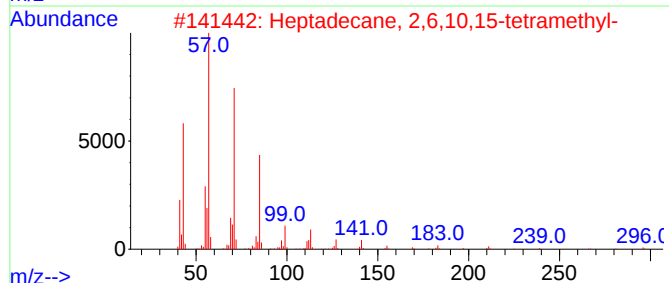
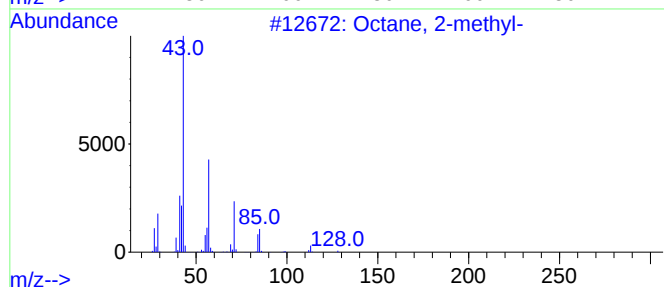
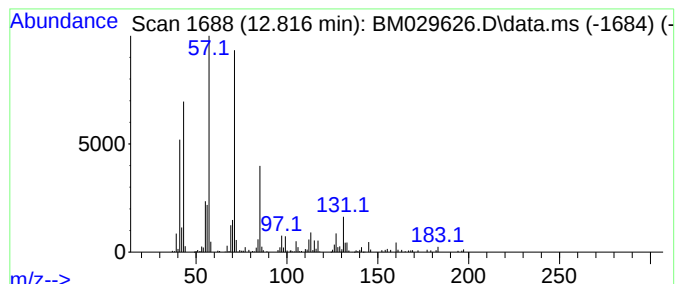
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Octane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.816	4.25 ng	231527	Acenaphthene-d10	14.280

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2-methyl-	128	C9H20	003221-61-2	87
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	68
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029626.D
Acq On : 23 Apr 2021 23:09
Operator : CG/JU
Sample : M2142-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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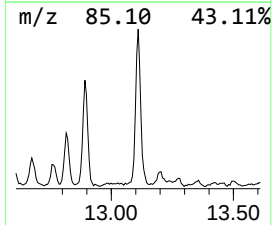
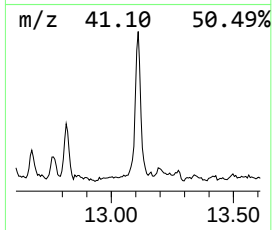
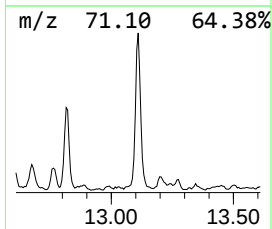
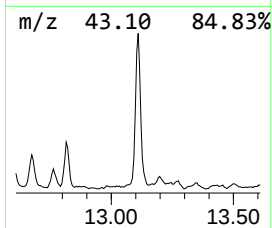
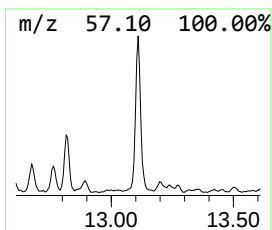
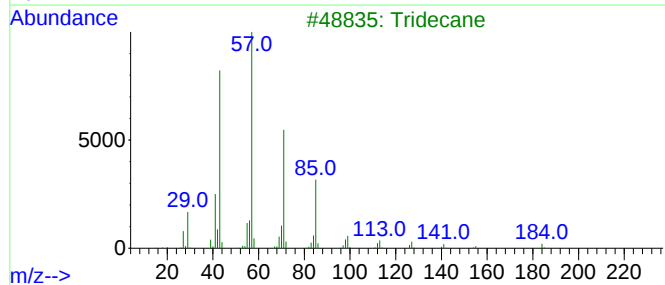
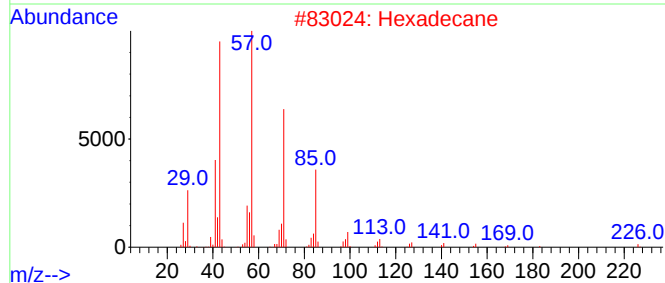
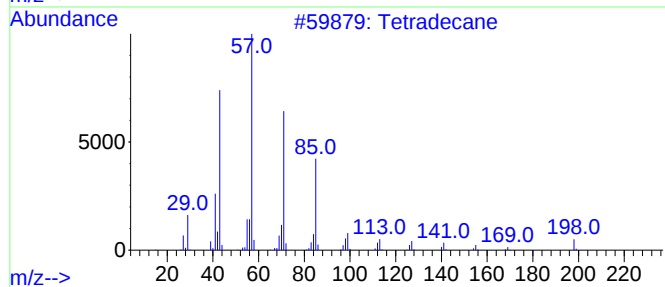
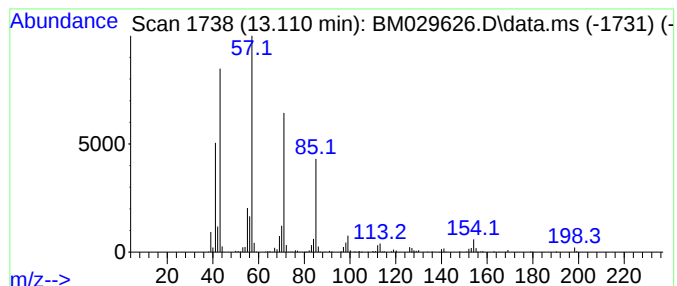
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.110	10.41 ng	566876	Acenaphthene-d10	14.280

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029626.D
Acq On : 23 Apr 2021 23:09
Operator : CG/JU
Sample : M2142-01 2X
Misc :
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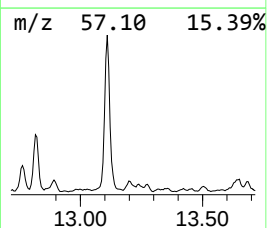
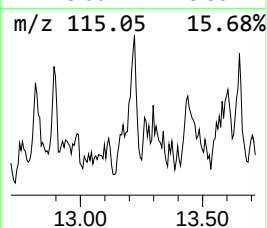
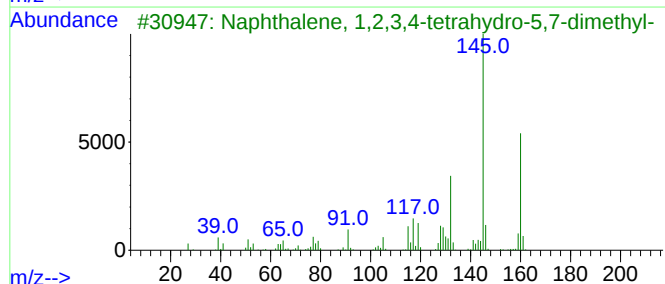
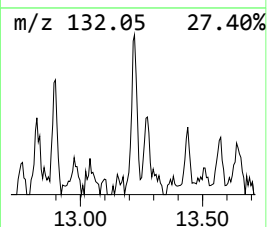
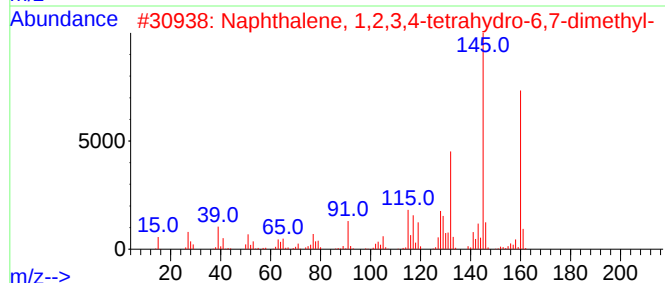
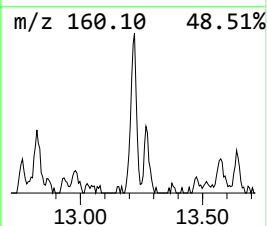
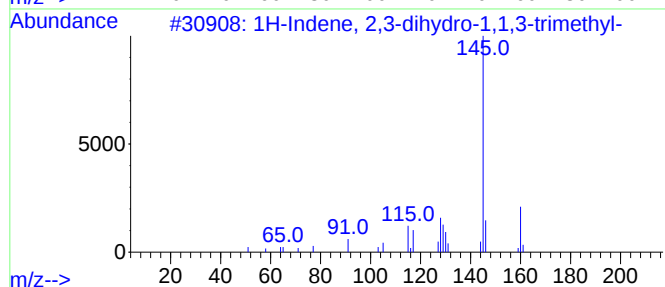
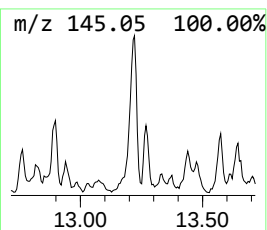
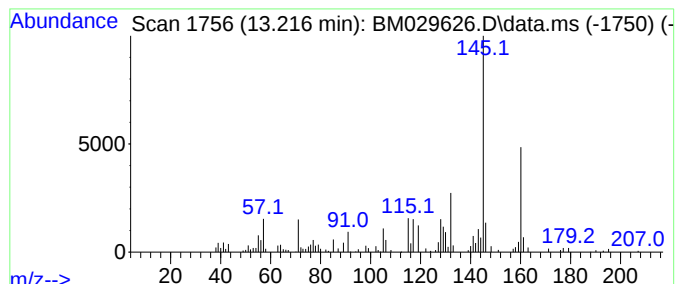
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.216	2.57 ng	139882	Acenaphthene-d10	14.280	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	93
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	91
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
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Sample : M2142-01 2X
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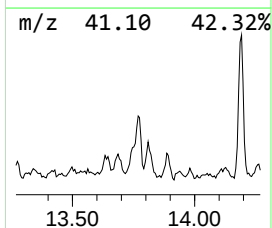
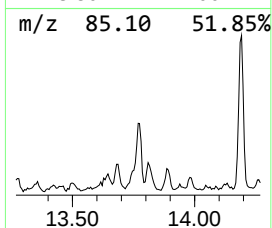
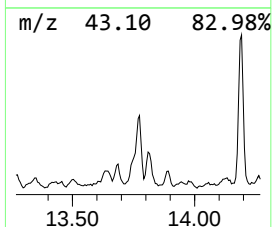
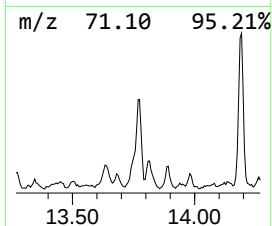
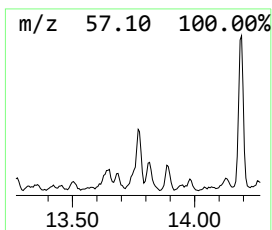
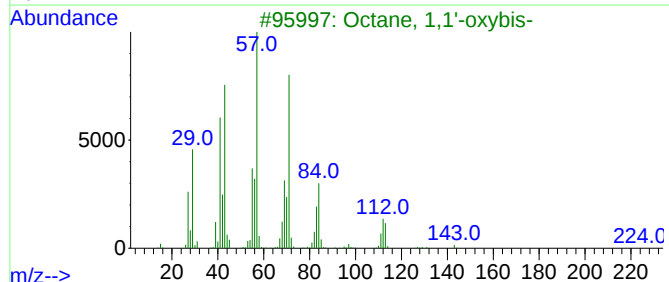
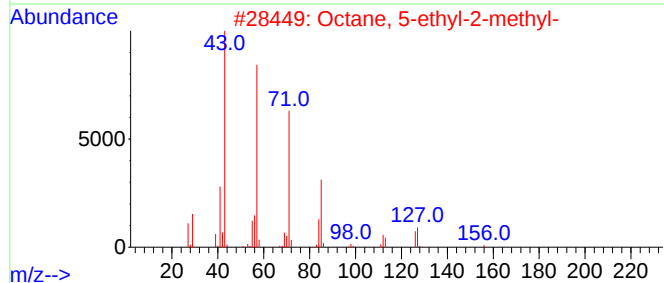
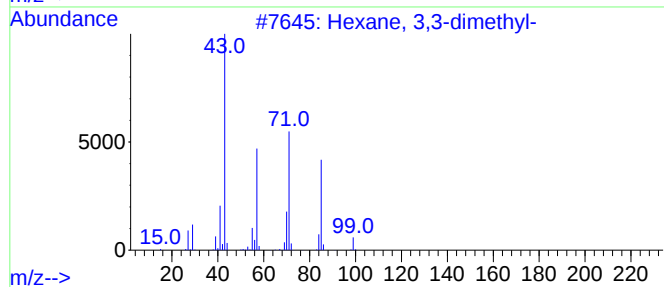
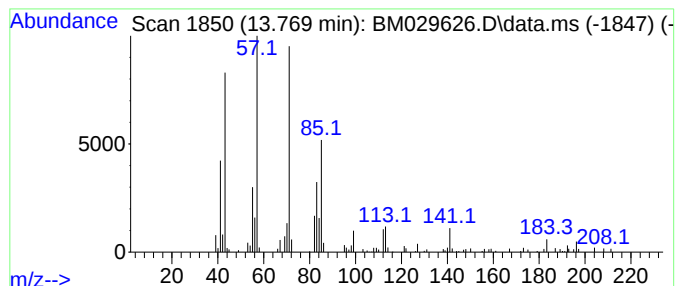
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Hexane, 3,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.769	3.08 ng	167688	Acenaphthene-d10		14.280	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexane, 3,3-dimethyl-		114	C8H18	000563-16-6	58
2	Octane, 5-ethyl-2-methyl-		156	C11H24	062016-18-6	52
3	Octane, 1,1'-oxybis-		242	C16H34O	000629-82-3	50
4	Dodecane, 4,6-dimethyl-		198	C14H30	061141-72-8	50
5	Nonane, 1-iodo-		254	C9H19I	004282-42-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
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Instrument :
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ClientSampleId :
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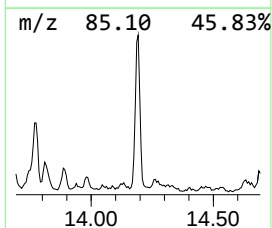
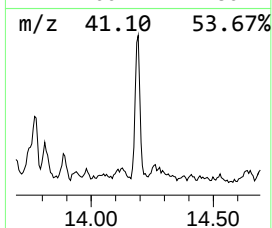
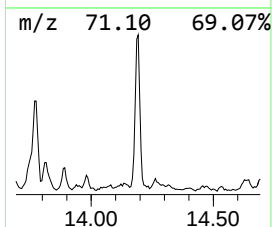
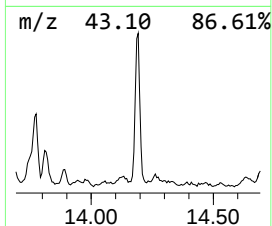
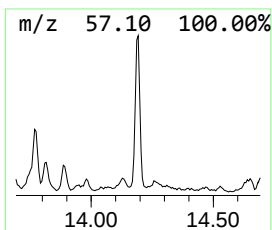
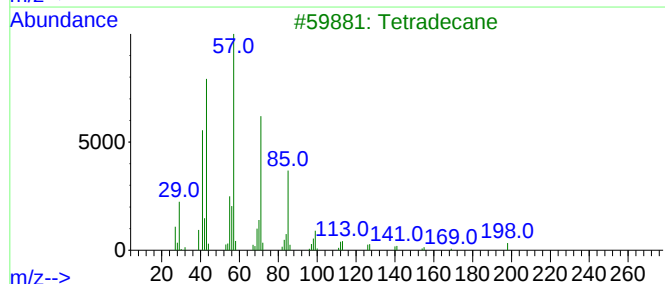
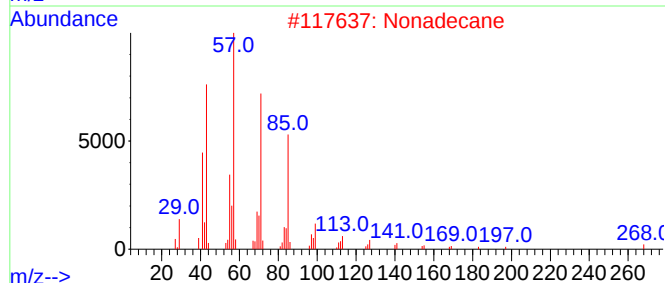
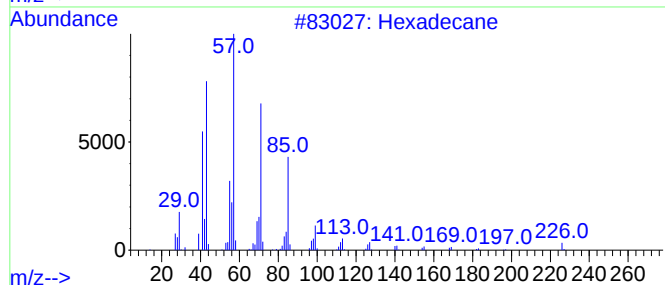
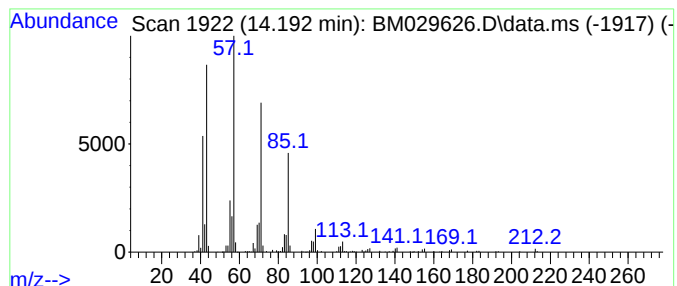
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.192	5.74 ng	312527	Acenaphthene-d10	14.280

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	91
2		Nonadecane	268	C19H40	000629-92-5	91
3		Tetradecane	198	C14H30	000629-59-4	90
4		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
5		9-methylheptadecane	254	C18H38	026741-18-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029626.D
Acq On : 23 Apr 2021 23:09
Operator : CG/JU
Sample : M2142-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
EO-04-042221

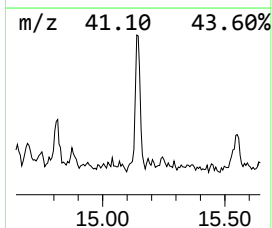
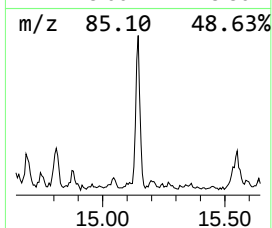
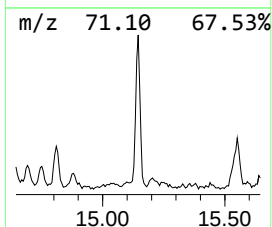
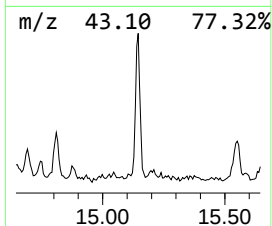
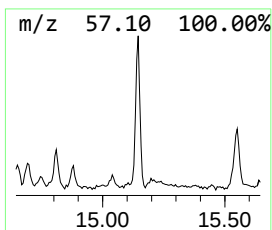
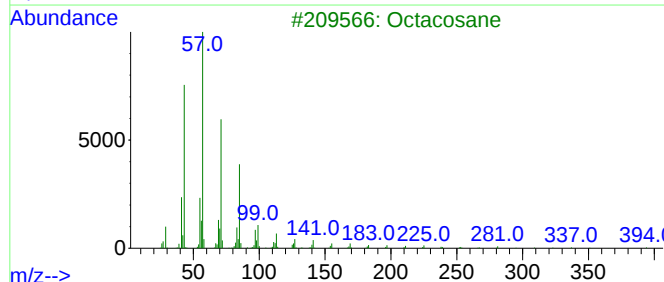
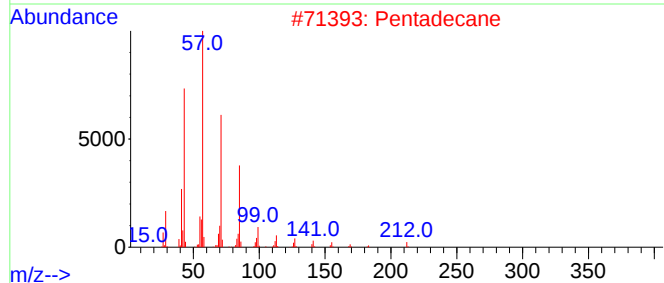
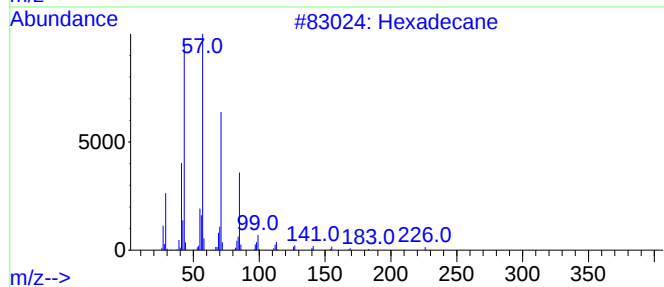
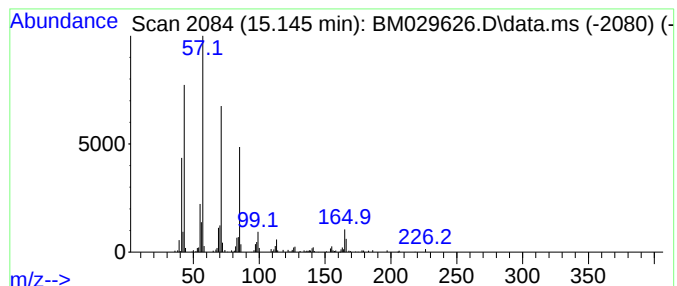
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.145	2.78 ng	151523	Acenaphthene-d10	14.280

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Pentadecane	212	C15H32	000629-62-9	72
3			Octacosane	394	C28H58	000630-02-4	72
4			Eicosane	282	C20H42	000112-95-8	72
5			Tetradecane	198	C14H30	000629-59-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029626.D
Acq On : 23 Apr 2021 23:09
Operator : CG/JU
Sample : M2142-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-04-042221

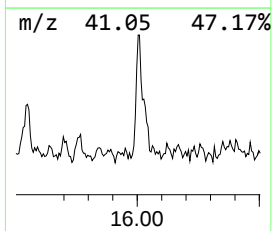
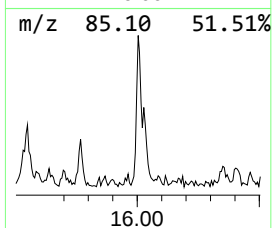
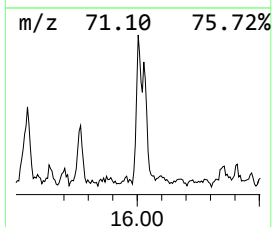
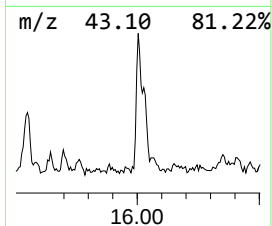
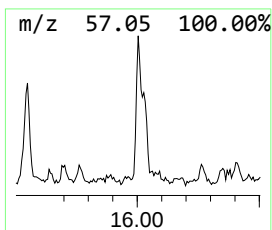
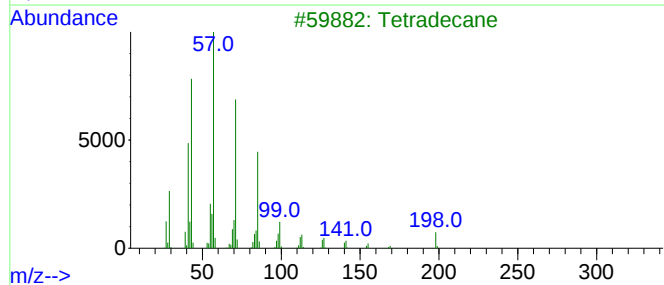
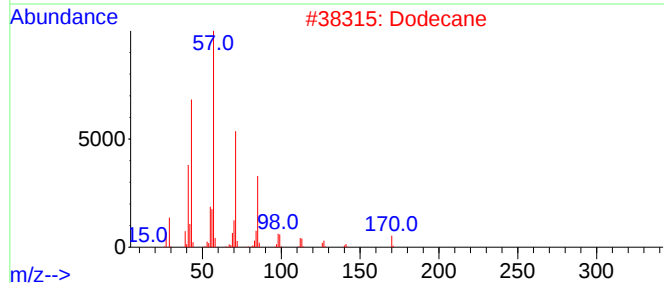
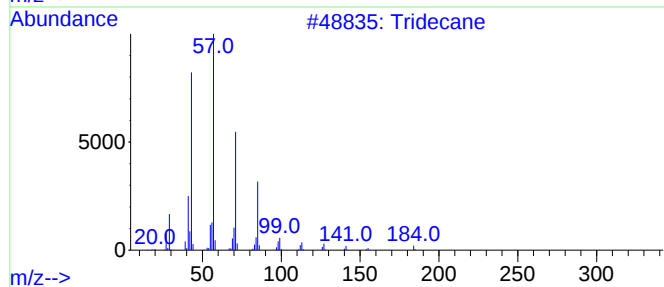
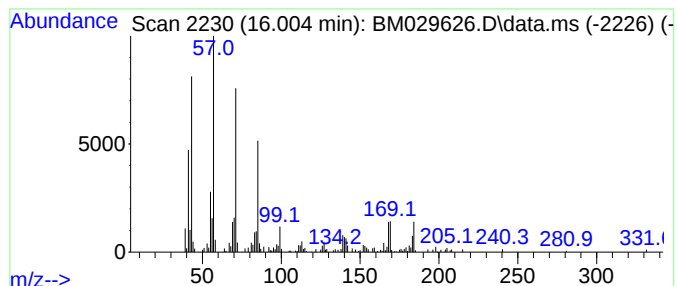
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.004	3.12 ng	186528	Phenanthrene-d10	17.021

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	87
2			Dodecane	170	C12H26	000112-40-3	81
3			Tetradecane	198	C14H30	000629-59-4	81
4			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	76
5			Octacosane	394	C28H58	000630-02-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029626.D
Acq On : 23 Apr 2021 23:09
Operator : CG/JU
Sample : M2142-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-04-042221

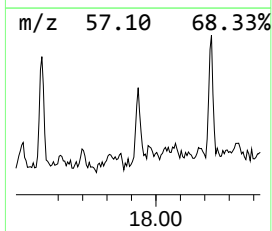
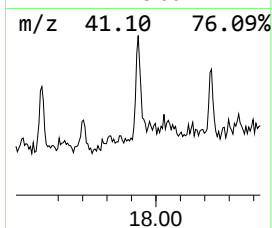
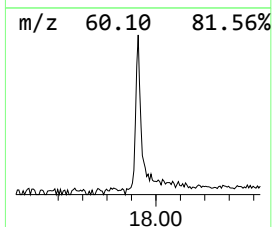
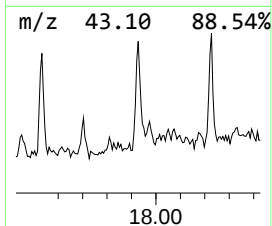
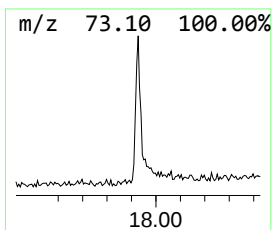
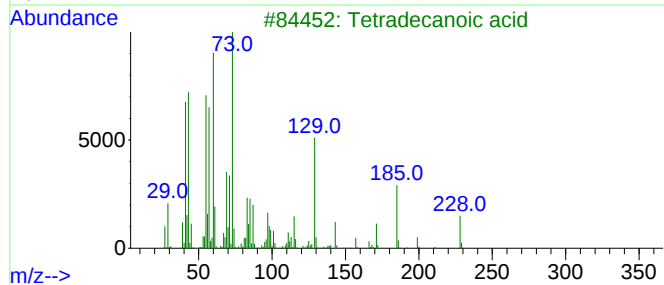
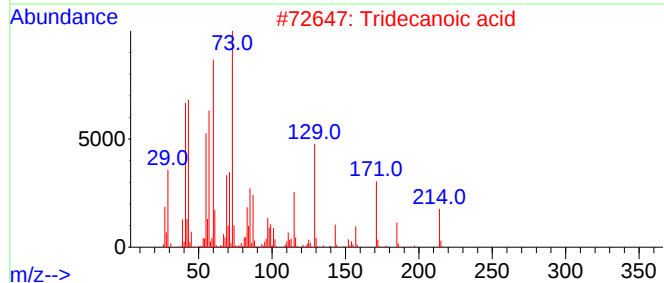
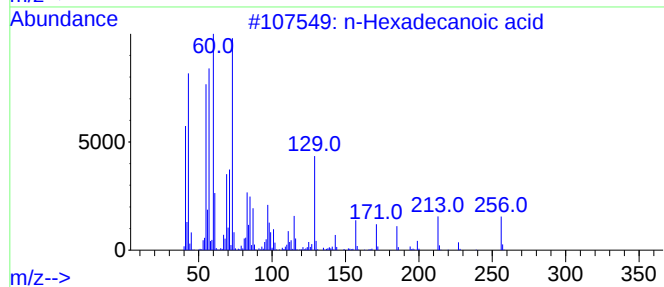
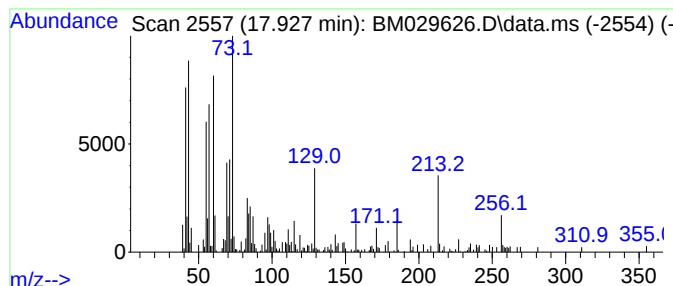
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	4.13 ng	247033	Phenanthrene-d10	17.021

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029626.D
Acq On : 23 Apr 2021 23:09
Operator : CG/JU
Sample : M2142-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-04-042221

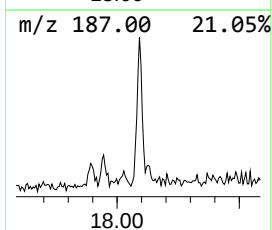
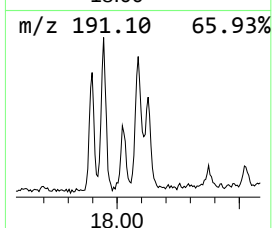
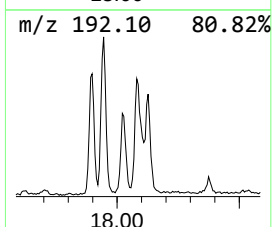
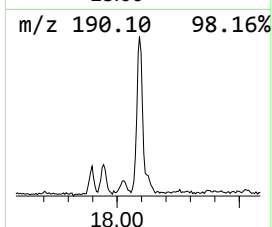
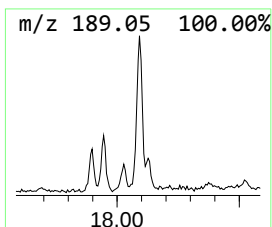
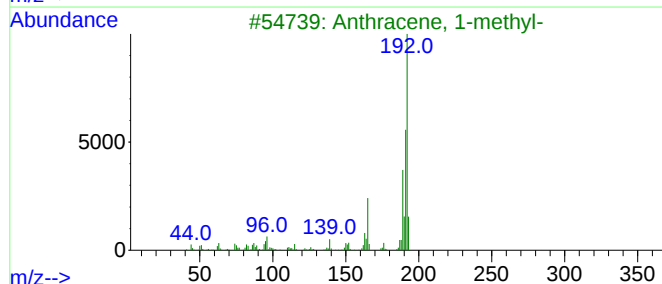
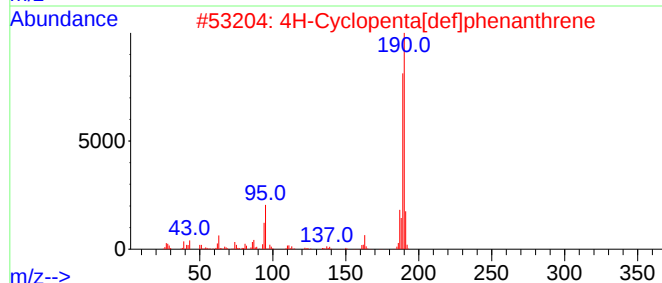
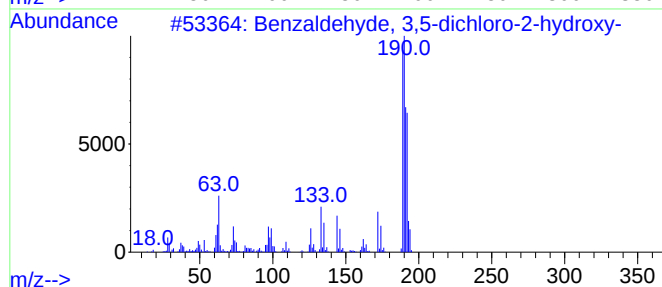
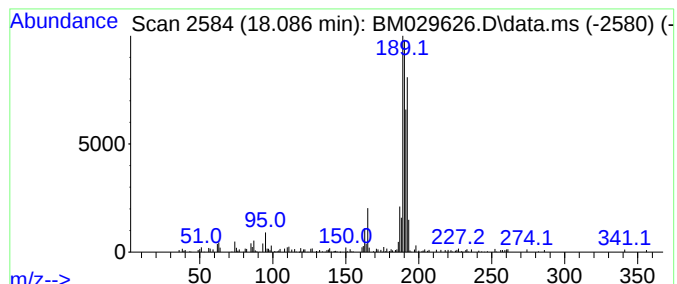
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzaldehyde, 3,5-dichloro-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	2.55 ng	152793	Phenanthrene-d10	17.021

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
4			1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	38
5			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029626.D
Acq On : 23 Apr 2021 23:09
Operator : CG/JU
Sample : M2142-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-04-042221

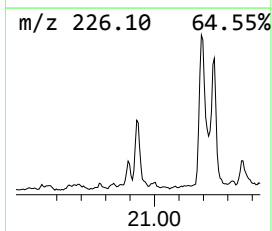
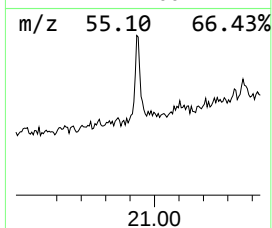
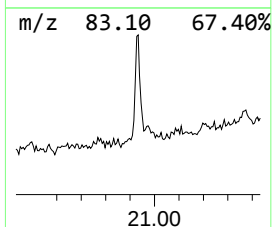
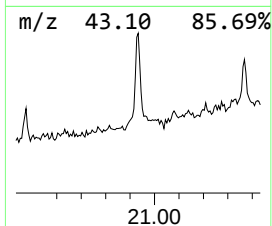
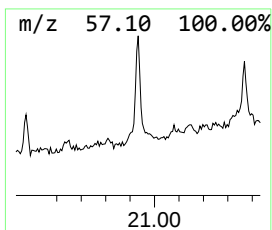
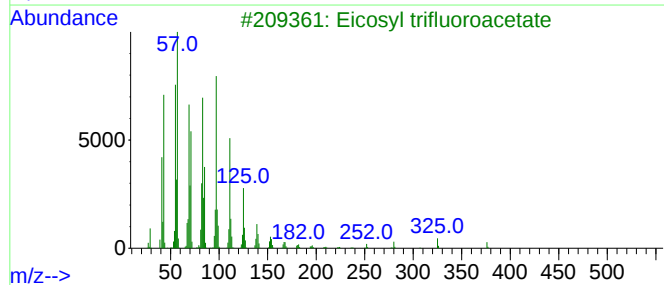
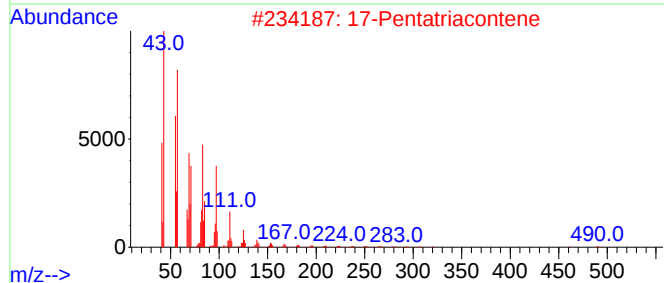
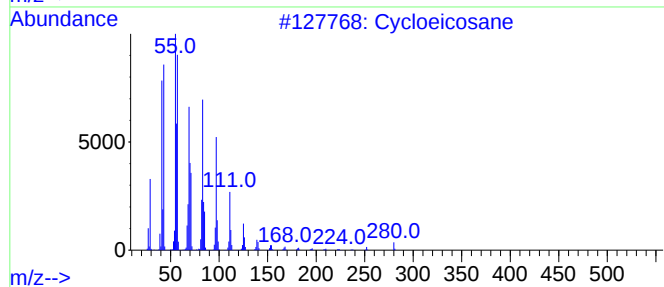
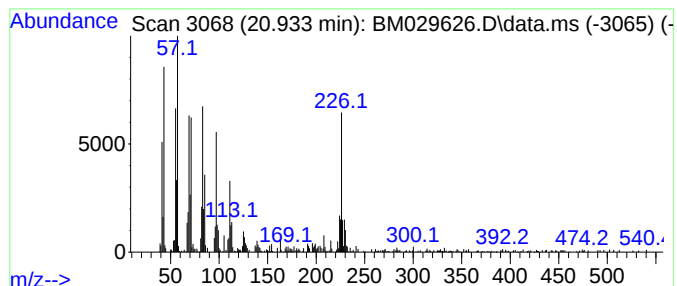
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Cycloeicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.933	3.02 ng	314910	Chrysene-d12	21.209

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cycloeicosane	280	C20H40	000296-56-0	95
2			17-Pentatriacontene	491	C35H70	006971-40-0	87
3			Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	53
4			1,2-Octadecanediol	286	C18H38O2	020294-76-2	53
5			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
 Data File : BM029626.D
 Acq On : 23 Apr 2021 23:09
 Operator : CG/JU
 Sample : M2142-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Decane	7.263	2.4	ng	77678	1	7.634	639763	20.0
o-Cymene	8.734	2.6	ng	83412	1	7.634	639763	20.0
Undecane	8.857	8.6	ng	275043	1	7.634	639763	20.0
unknown8.981	8.981	3.3	ng	104092	1	7.634	639763	20.0
Undecane, 3,6-d...	10.581	2.8	ng	188559	2	10.410	1342900	20.0
Tridecane, 7-pr...	11.333	2.6	ng	176720	2	10.410	1342900	20.0
Dodecane, 2,6,1...	11.445	5.4	ng	360196	2	10.410	1342900	20.0
Tridecane	11.851	9.8	ng	660402	2	10.410	1342900	20.0
Eicosane, 10-me...	12.675	2.6	ng	142751	3	14.280	1089420	20.0
Undecane, 2,9-d...	12.763	2.5	ng	138835	3	14.280	1089420	20.0
Octane, 2-methyl-	12.816	4.3	ng	231527	3	14.280	1089420	20.0
Tetradecane	13.110	10.4	ng	566876	3	14.280	1089420	20.0
1H-Indene, 2,3-...	13.216	2.6	ng	139882	3	14.280	1089420	20.0
Hexane, 3,3-dim...	13.769	3.1	ng	167688	3	14.280	1089420	20.0
Hexadecane	14.192	5.7	ng	312527	3	14.280	1089420	20.0
Pentadecane	15.145	2.8	ng	151523	3	14.280	1089420	20.0
Dodecane	16.004	3.1	ng	186528	4	17.021	1197070	20.0
n-Hexadecanoic ...	17.927	4.1	ng	247033	4	17.021	1197070	20.0
Benzaldehyde, 3...	18.086	2.5	ng	152793	4	17.021	1197070	20.0
Cycloeicosane	20.933	3.0	ng	314910	5	21.209	2083420	20.0