

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
 Data File : BF123366.D
 Acq On : 3 Mar 2021 20:53
 Operator : JU/CG
 Sample : M1542-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 4

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-030221

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_F\METHODS\8270-BF021921.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123366.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.404	50	54	98	rVB2	6719718	27341224	36.73%	8.465%
2	5.557	585	590	593	rBV	4941109	4878208	6.55%	1.510%
3	6.528	748	755	766	rBV	3819454	5601169	7.52%	1.734%
4	6.863	806	812	815	rBV	2814334	2983387	4.01%	0.924%
5	7.422	896	907	909	rBV	2699952	4551727	6.11%	1.409%
6	7.445	909	911	915	rVB	1228205	1257651	1.69%	0.389%
7	7.757	955	964	965	rBV4	439397	819898	1.10%	0.254%
8	7.881	982	985	991	rVV5	724296	1249826	1.68%	0.387%
9	8.122	1015	1026	1028	rBV2	3280245	6322277	8.49%	1.957%
10	8.139	1028	1029	1032	rVV	2913011	2269466	3.05%	0.703%
11	8.198	1034	1039	1041	rVB3	875629	1405615	1.89%	0.435%
12	8.428	1072	1078	1082	rBV6	866420	1433100	1.93%	0.444%
13	8.516	1090	1093	1096	rVV3	658929	1007751	1.35%	0.312%
14	8.557	1096	1100	1102	rVV2	1056073	1311044	1.76%	0.406%
15	8.645	1112	1115	1117	rVB	1041377	950767	1.28%	0.294%
16	8.728	1122	1129	1133	rBV	3153995	4673942	6.28%	1.447%
17	8.963	1166	1169	1171	rVB2	909756	762855	1.02%	0.236%
18	9.092	1187	1191	1195	rVB4	644726	1065601	1.43%	0.330%
19	9.133	1195	1198	1200	rBV	775525	778674	1.05%	0.241%
20	9.157	1200	1202	1204	rVV2	1060848	951659	1.28%	0.295%
21	9.180	1204	1206	1208	rVV2	925851	966527	1.30%	0.299%
22	9.216	1209	1212	1215	rVB	4018160	3602745	4.84%	1.115%
23	9.298	1216	1226	1229	rBV	4163405	6187543	8.31%	1.916%
24	9.551	1267	1269	1271	rVV2	819648	897320	1.21%	0.278%
25	9.575	1271	1273	1276	rVV3	911219	1196644	1.61%	0.370%
26	9.616	1276	1280	1282	rVV5	1861779	2733123	3.67%	0.846%
27	9.639	1282	1284	1287	rVV2	1011457	1147025	1.54%	0.355%
28	9.798	1308	1311	1314	rVV	1307798	2013160	2.70%	0.623%
29	9.833	1314	1317	1320	rVV	4182822	3954098	5.31%	1.224%
30	9.869	1320	1323	1325	rVV3	1009614	1426260	1.92%	0.442%
31	9.904	1325	1329	1332	rVV	3627067	3578882	4.81%	1.108%
32	10.063	1352	1356	1358	rBV2	540132	788067	1.06%	0.244%
33	10.151	1367	1371	1375	rVV3	1099909	1493126	2.01%	0.462%
34	10.333	1398	1402	1404	rVV	4344052	3960472	5.32%	1.226%
35	10.551	1434	1439	1442	rBV	1540383	1830155	2.46%	0.567%
36	10.698	1461	1464	1467	rBV	2927648	2538208	3.41%	0.786%

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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

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37	10.810	1479	1483	1491	rVB	4215937	5831495	7.83%	1.805%
38	11.257	1555	1559	1561	rBV	4009109	3381207	4.54%	1.047%
39	11.286	1561	1564	1570	rVB	1943223	2082329	2.80%	0.645%
40	11.398	1579	1583	1585	rBV	3900244	3880991	5.21%	1.202%
41	11.421	1585	1587	1593	rVV2	1307722	1401928	1.88%	0.434%
42	11.633	1620	1623	1628	rVV3	508465	765546	1.03%	0.237%
43	11.686	1628	1632	1634	rVV	3690115	3405805	4.58%	1.054%
44	11.710	1634	1636	1638	rVV	910024	860158	1.16%	0.266%
45	11.751	1640	1643	1645	rVV	1116817	1576864	2.12%	0.488%
46	11.810	1645	1653	1656	rVB	12720626	23208147	31.18%	7.185%
47	11.851	1656	1660	1665	rBV	527976	940877	1.26%	0.291%
48	11.969	1670	1680	1683	rBV2	2369155	4901773	6.59%	1.518%
49	12.092	1698	1701	1706	rVB	3192114	3096030	4.16%	0.959%
50	12.551	1757	1779	1781	rBV3	14482947	74437151	100.00%	23.045%
51	12.616	1786	1790	1793	rVV2	10021528	10958495	14.72%	3.393%
52	12.692	1793	1803	1808	rVV2	6074100	17755377	23.85%	5.497%
53	12.745	1809	1812	1820	rVB2	2236921	2802109	3.76%	0.868%
54	12.833	1823	1827	1829	rBV	2011538	1914240	2.57%	0.593%
55	12.868	1829	1833	1835	rBV	2217250	2060479	2.77%	0.638%
56	13.010	1852	1857	1859	rBV	4873980	4951038	6.65%	1.533%
57	13.151	1878	1881	1882	rBV	904946	840392	1.13%	0.260%
58	13.186	1882	1887	1890	rVV3	1260474	2255446	3.03%	0.698%
59	13.221	1890	1893	1894	rVV	1993437	1898892	2.55%	0.588%
60	13.239	1894	1896	1901	rVB2	1992700	1958115	2.63%	0.606%
61	13.315	1906	1909	1912	rBV2	2166871	2548788	3.42%	0.789%
62	13.345	1912	1914	1917	rVB2	1462988	1268883	1.70%	0.393%
63	13.392	1919	1922	1925	rVB2	2218846	2396359	3.22%	0.742%
64	13.521	1941	1944	1948	rVB4	1266971	1990225	2.67%	0.616%
65	13.563	1948	1951	1958	rVB2	2113012	2025028	2.72%	0.627%
66	13.751	1979	1983	1985	rVB2	910821	1091956	1.47%	0.338%
67	13.892	2004	2007	2012	rVB2	1844504	1731804	2.33%	0.536%
68	13.986	2020	2023	2028	rVB	1751701	1580878	2.12%	0.489%
69	14.068	2032	2037	2039	rBV	3470657	4230651	5.68%	1.310%
70	14.210	2058	2061	2064	rBV	1119187	894327	1.20%	0.277%
71	14.380	2087	2090	2093	rBV	775065	798241	1.07%	0.247%
72	14.515	2108	2113	2118	rBV3	2327816	3924110	5.27%	1.215%
73	14.833	2164	2167	2169	rBV	759068	758990	1.02%	0.235%
74	14.962	2184	2189	2197	rVB	3083234	5454320	7.33%	1.689%
75	15.174	2222	2225	2232	rVB	1013096	1347548	1.81%	0.417%
76	15.568	2287	2292	2296	rBV2	2491265	3868665	5.20%	1.198%

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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_F\METHODS\8270-BF021921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

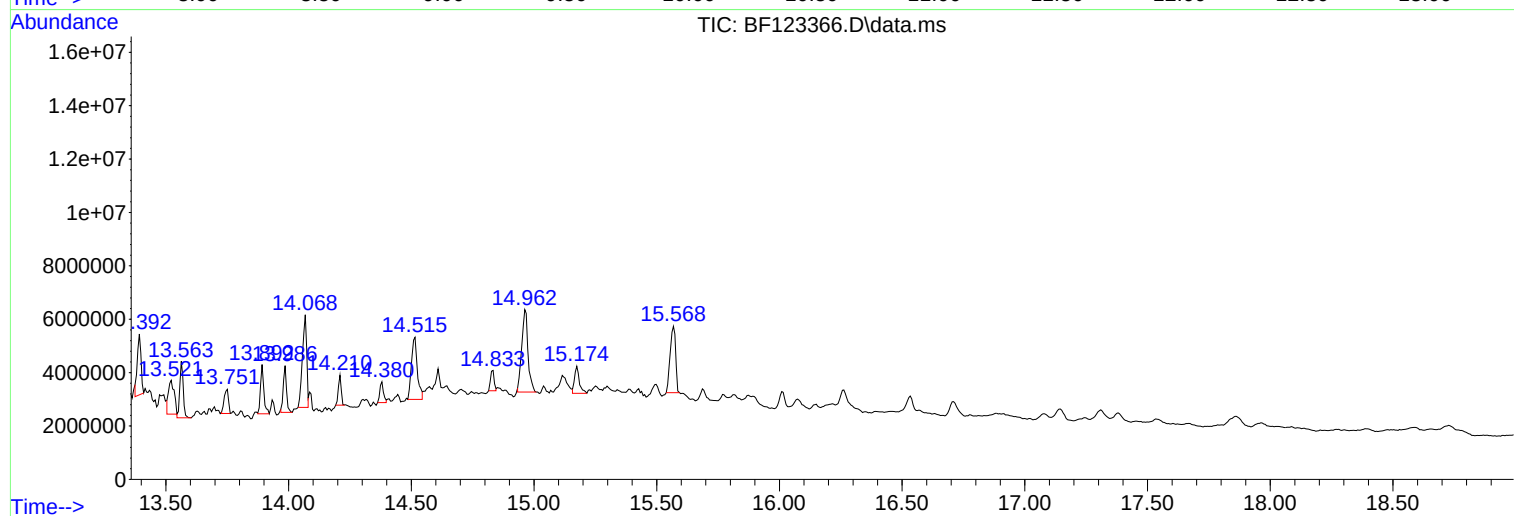
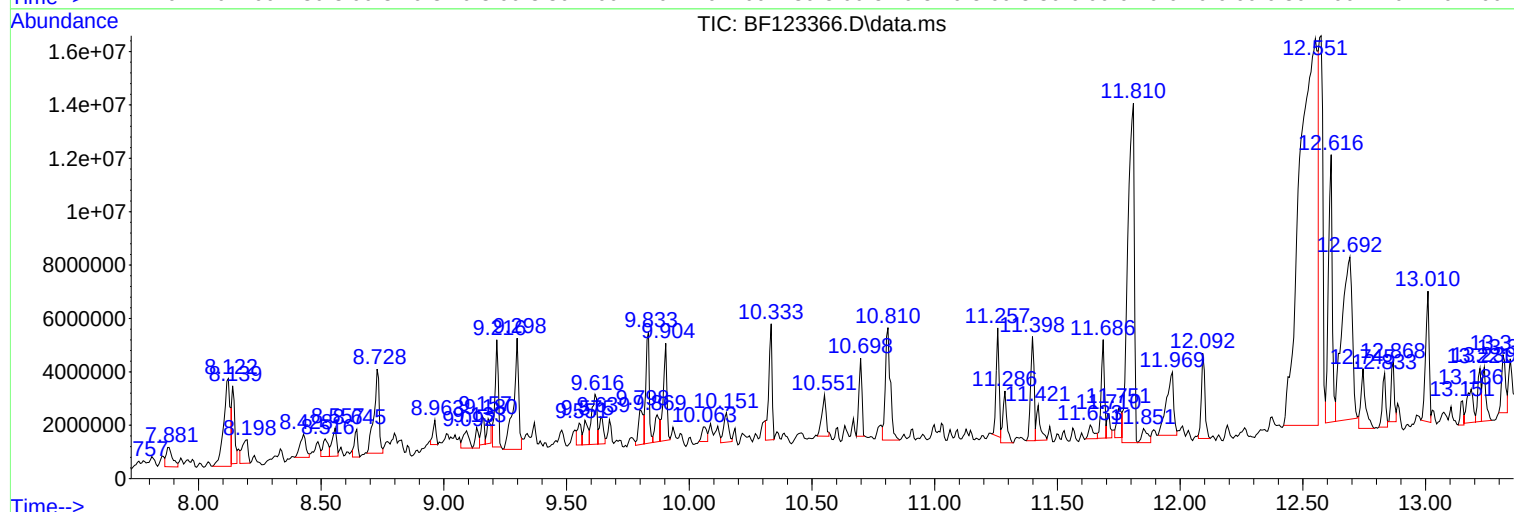
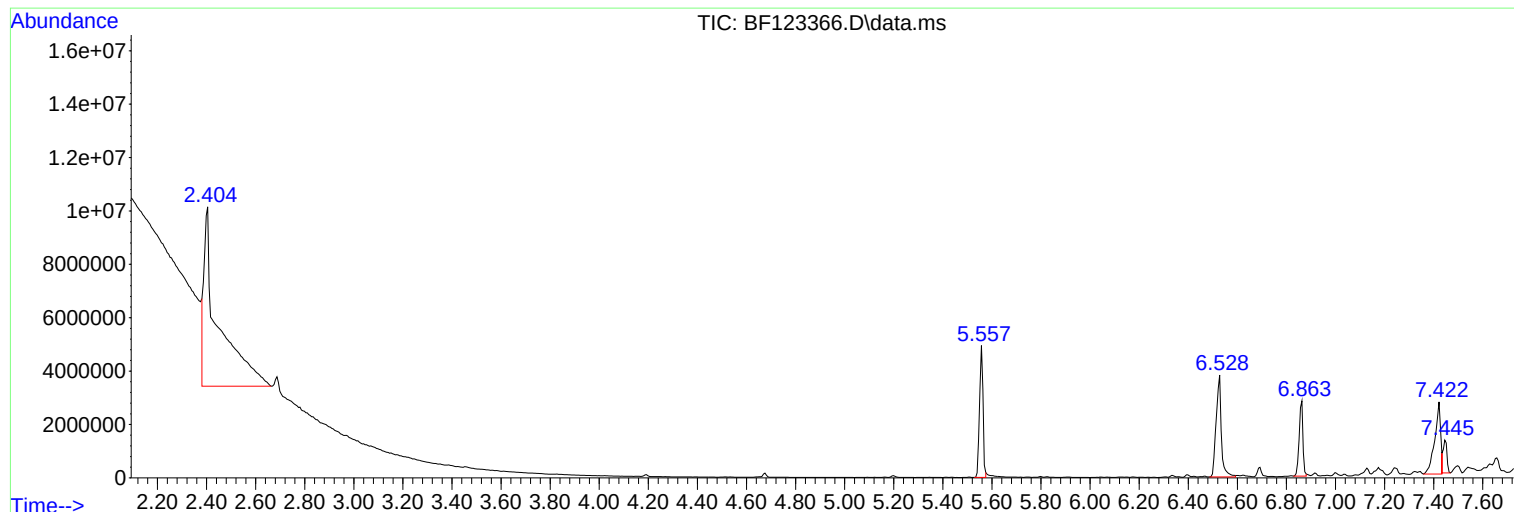
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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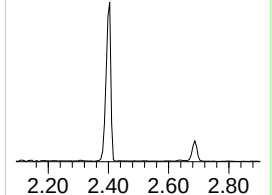
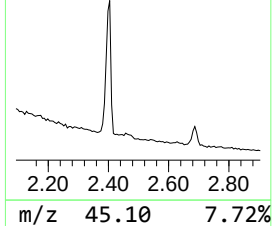
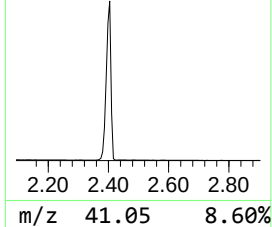
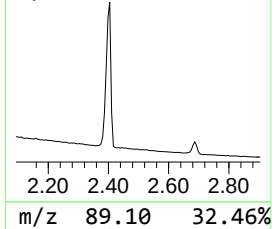
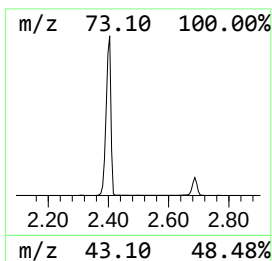
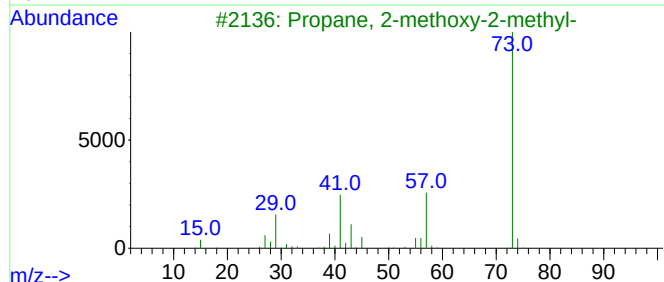
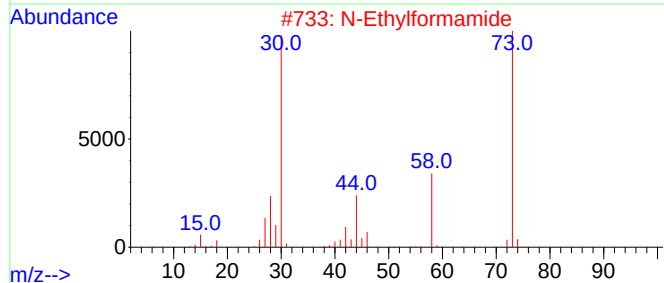
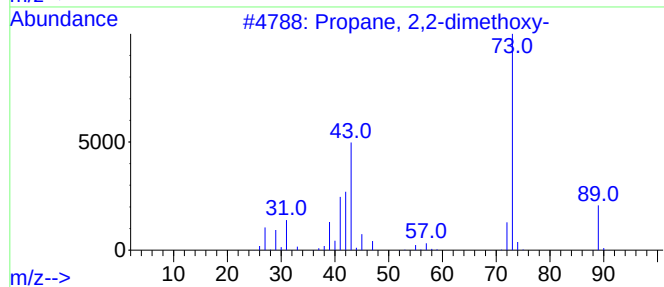
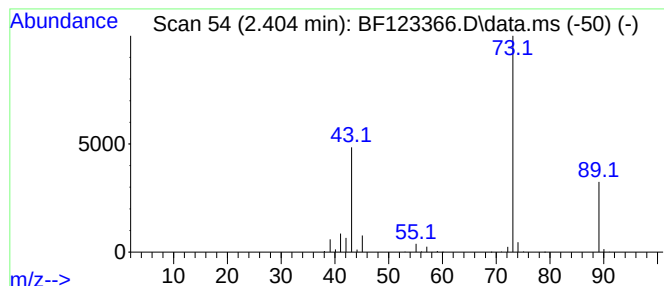
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.404	183.29 ng	27341200	1,4-Dichlorobenzene-d4	6.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	50
2			N-Ethylformamide	73	C3H7NO	000627-45-2	9
3			Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4			1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



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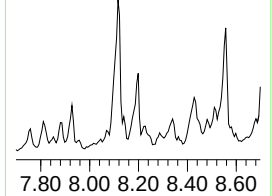
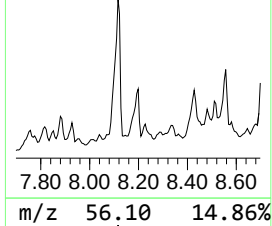
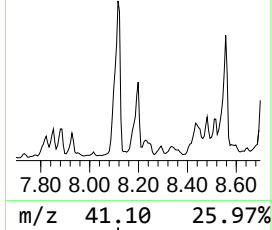
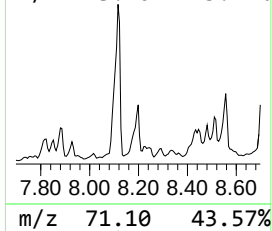
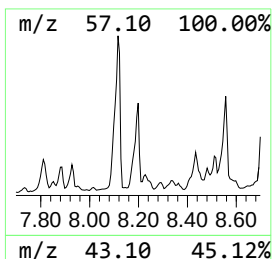
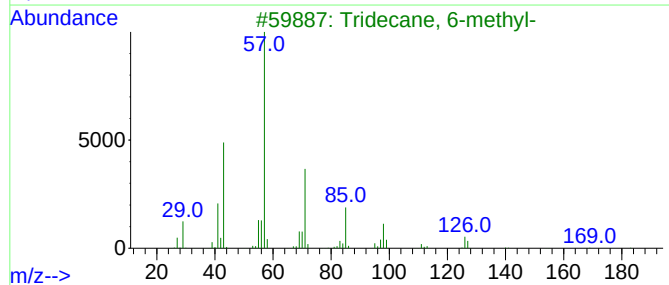
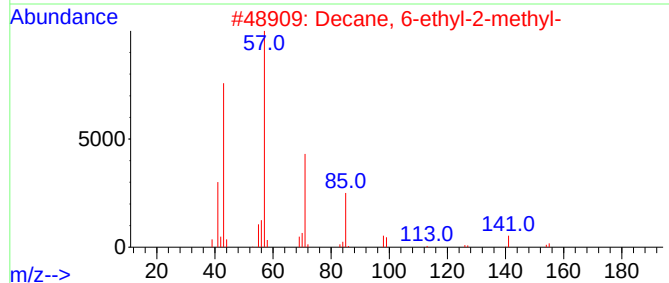
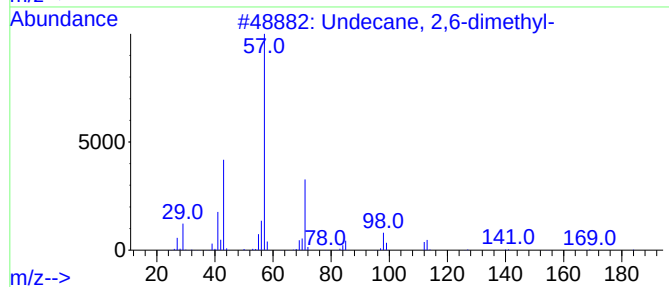
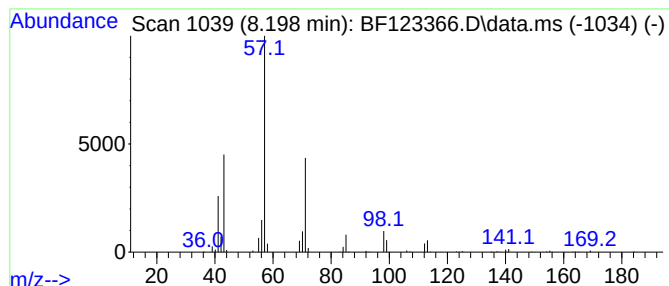
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Undecane, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.198	12.39 ng	1405620	Naphthalene-d8	8.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72
3			Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
4			Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
5			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72



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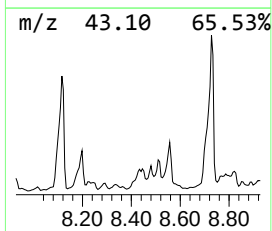
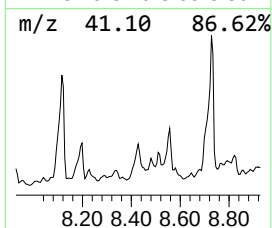
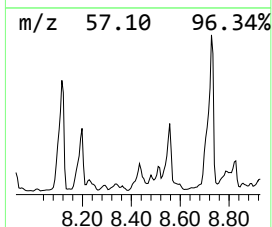
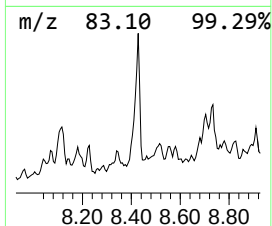
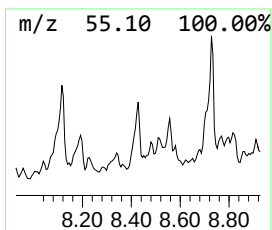
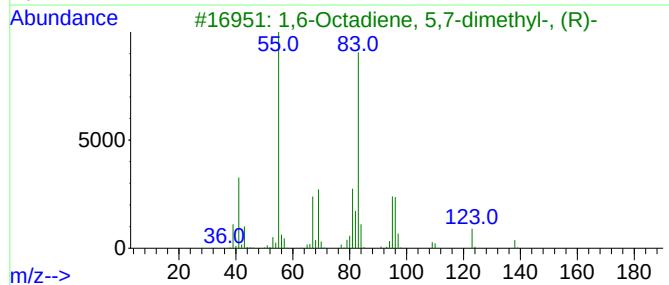
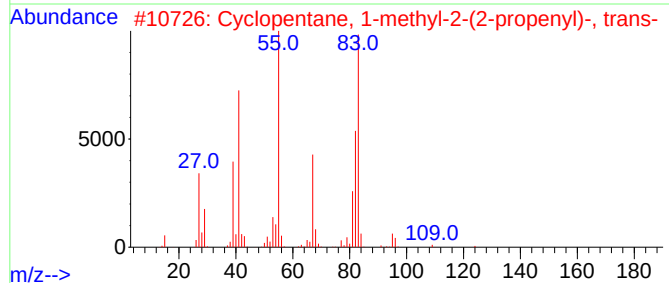
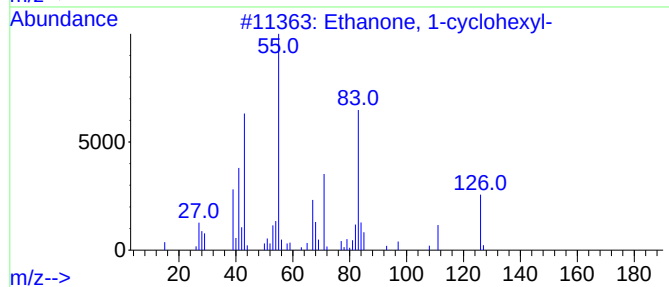
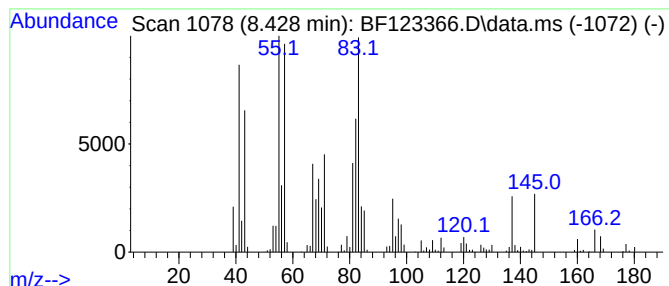
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethanone, 1-cyclohexyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.428	12.63 ng	1433100	Naphthalene-d8	8.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	52
2			Cyclopentane, 1-methyl-2-(2-propenyl)-, trans-	124	C9H16	050746-53-7	43
3			1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	35
4			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	35
5			Cyclohexane, octyl-	196	C14H28	001795-15-9	35



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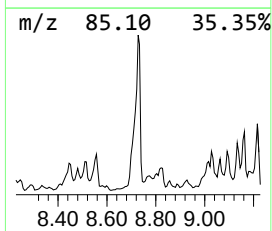
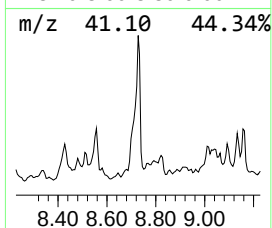
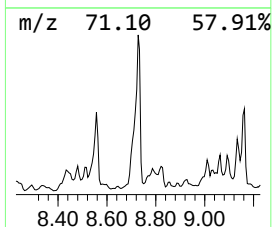
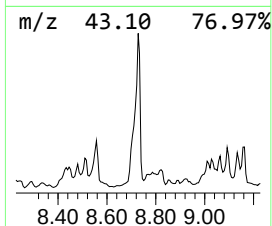
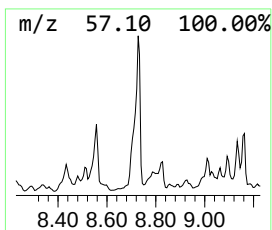
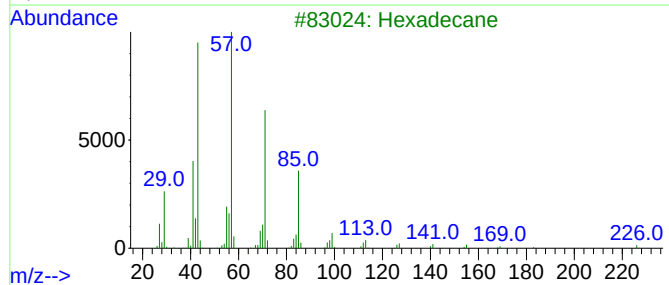
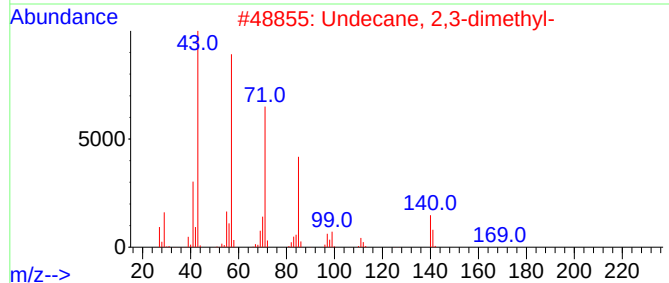
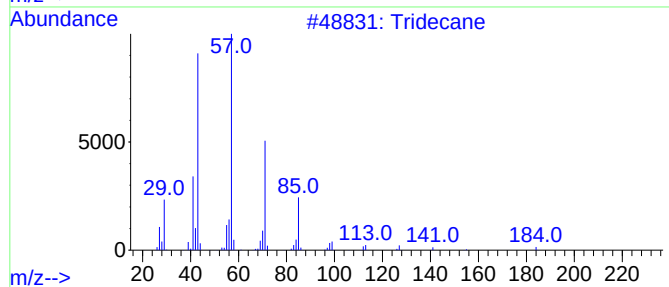
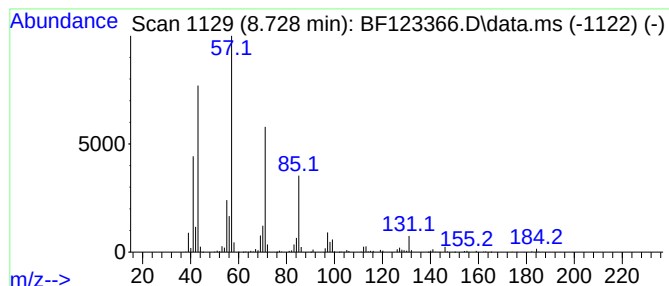
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.728	41.19 ng	4673940	Naphthalene-d8	8.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
3			Hexadecane	226	C16H34	000544-76-3	83
4			Tetradecane	198	C14H30	000629-59-4	72
5			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123366.D
Acq On : 3 Mar 2021 20:53
Operator : JU/CG
Sample : M1542-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 4

Instrument :
BNA_F
ClientSampleId :
SU-03-030221

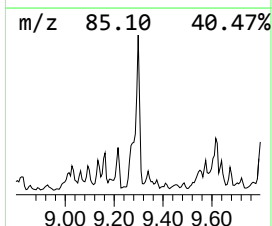
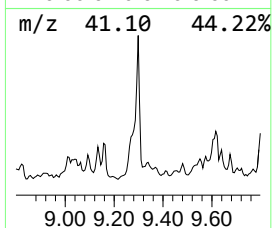
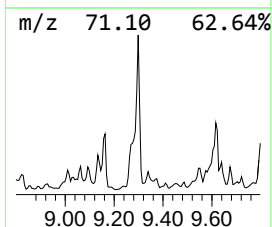
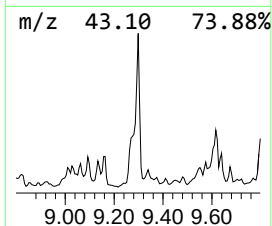
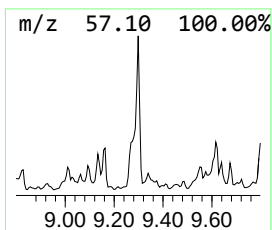
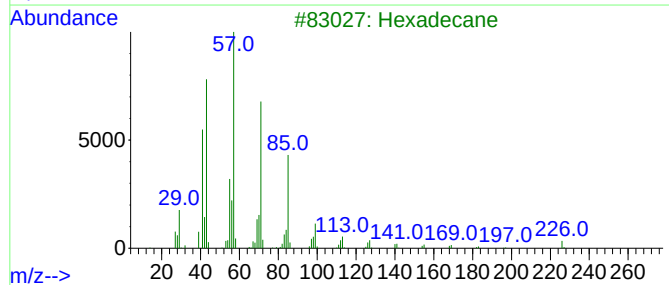
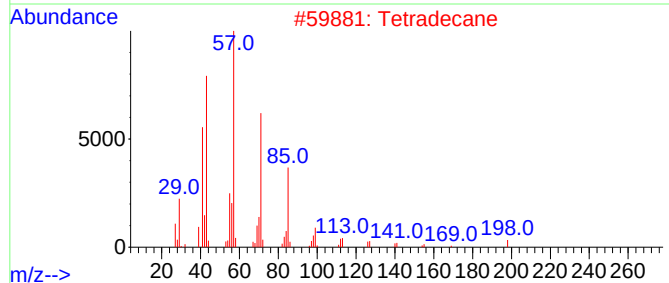
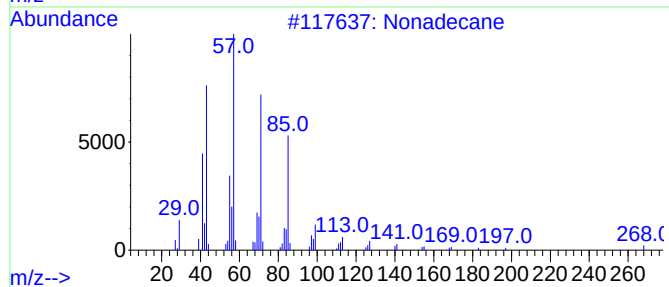
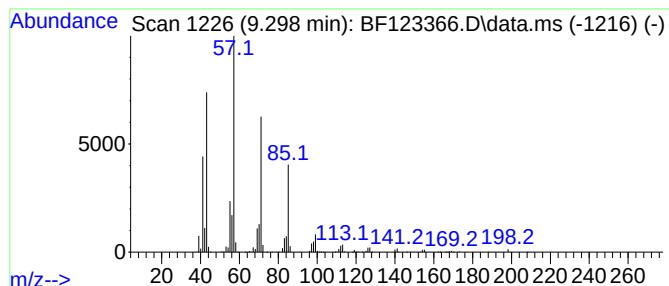
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.298	34.58 ng	6187540	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Tetradecane	198	C14H30	000629-59-4	91
3			Hexadecane	226	C16H34	000544-76-3	90
4			Tridecane	184	C13H28	000629-50-5	90
5			Tridecane, 7-propyl-	226	C16H34	055045-09-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123366.D
Acq On : 3 Mar 2021 20:53
Operator : JU/CG
Sample : M1542-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 4

Instrument :
BNA_F
ClientSampleId :
SU-03-030221

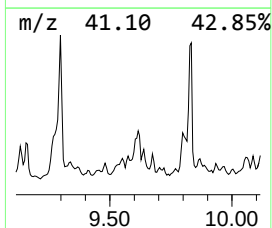
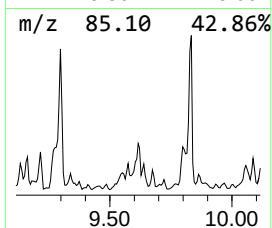
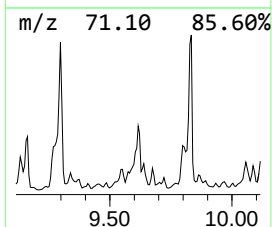
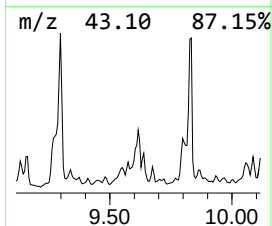
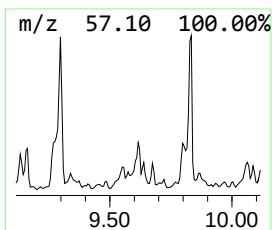
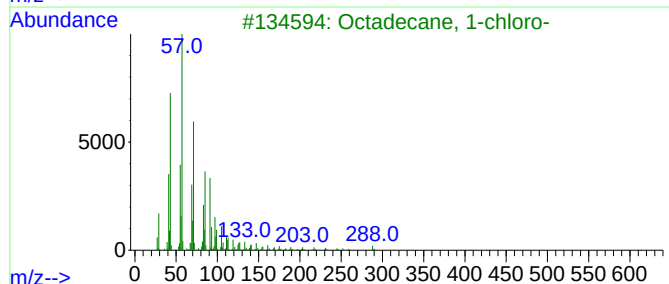
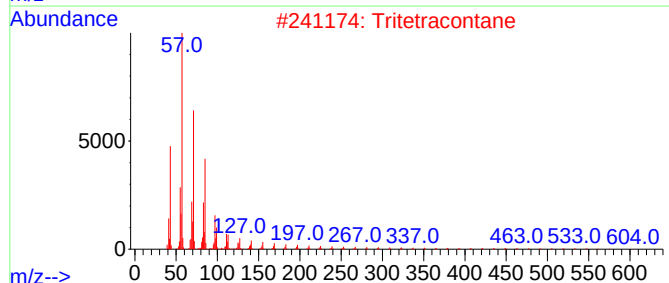
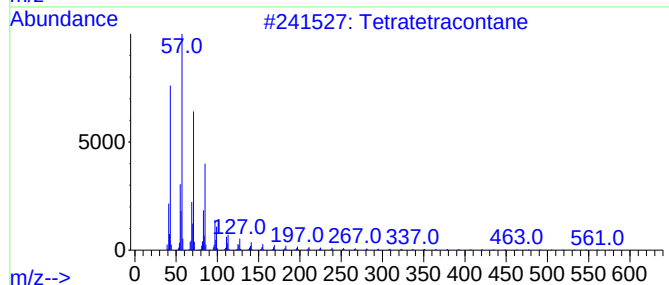
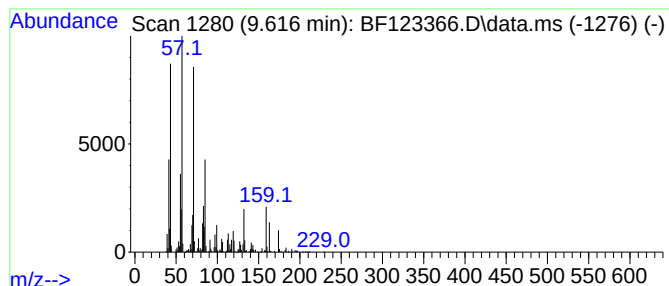
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetratetracontane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.616	15.27 ng	2733120	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	58
2			Tritetracontane	605	C43H88	007098-21-7	58
3			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	58
4			Tetradecane	198	C14H30	000629-59-4	53
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123366.D
Acq On : 3 Mar 2021 20:53
Operator : JU/CG
Sample : M1542-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 4

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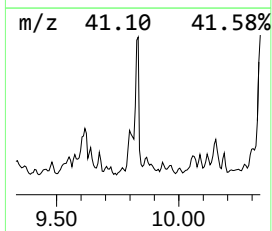
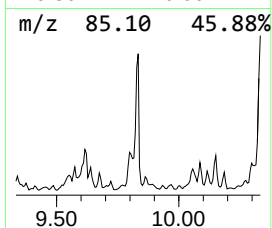
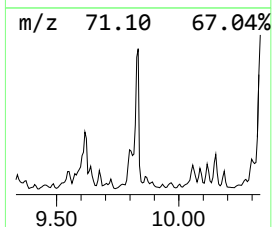
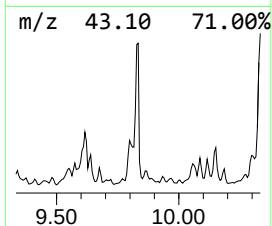
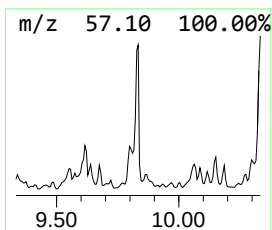
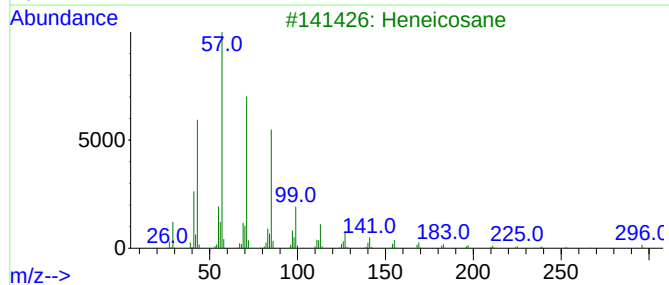
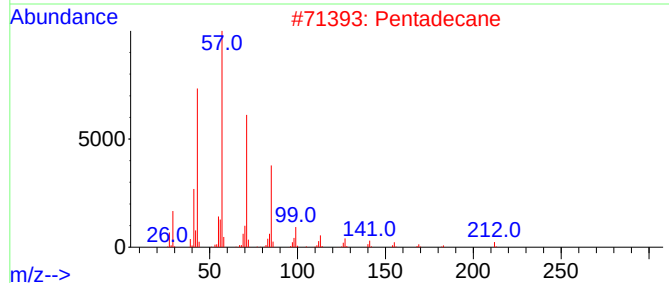
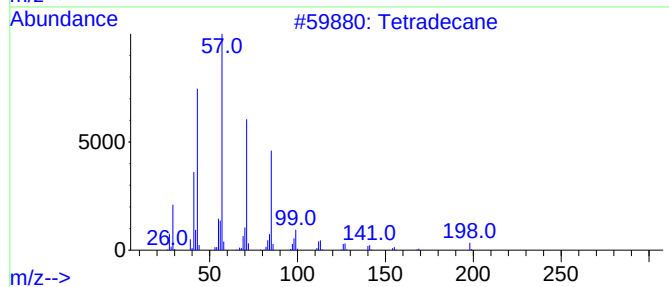
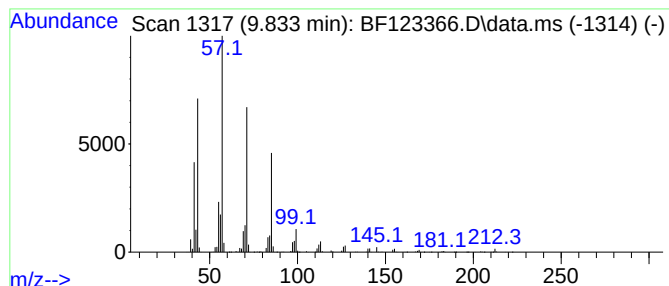
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.833	22.10 ng	3954100	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Pentadecane	212	C15H32	000629-62-9	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5			Heptadecane	240	C17H36	000629-78-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123366.D
Acq On : 3 Mar 2021 20:53
Operator : JU/CG
Sample : M1542-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 4

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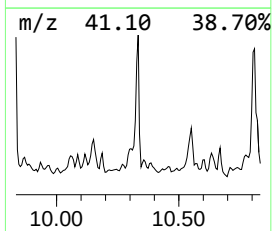
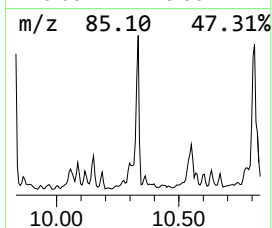
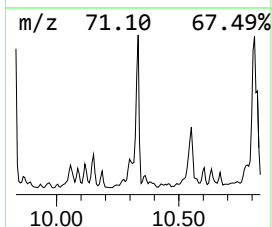
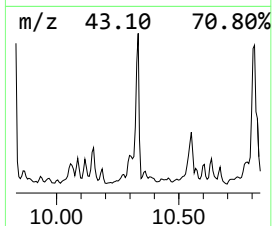
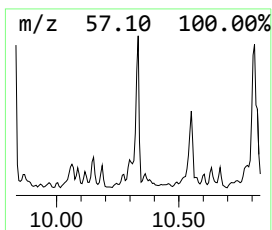
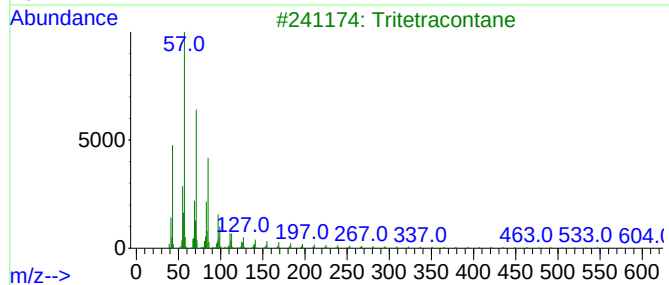
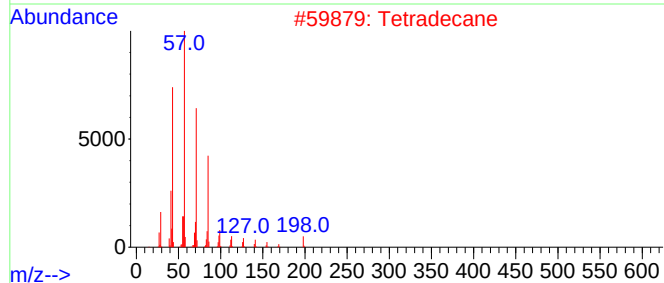
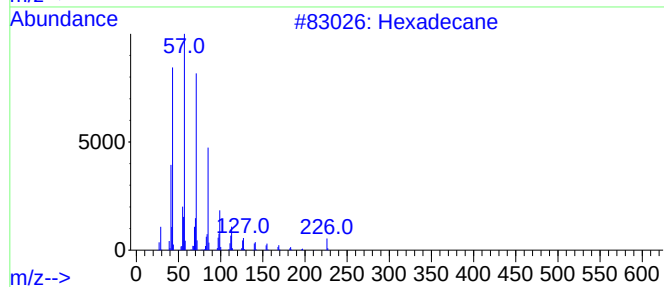
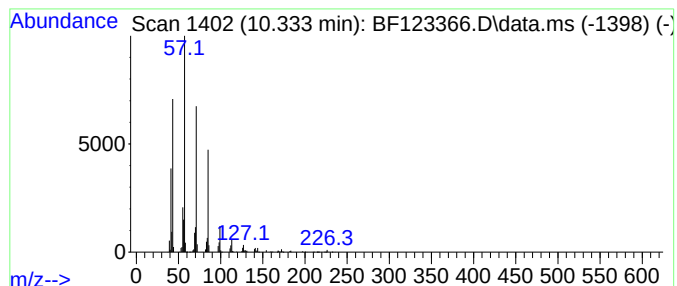
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.333	22.13 ng	3960470	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Tetradecane	198	C14H30	000629-59-4	90
3			Tritetracontane	605	C43H88	007098-21-7	90
4			Pentadecane	212	C15H32	000629-62-9	90
5			10-Methylnonadecane	282	C20H42	056862-62-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123366.D
Acq On : 3 Mar 2021 20:53
Operator : JU/CG
Sample : M1542-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 4

Instrument :
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ClientSampleId :
SU-03-030221

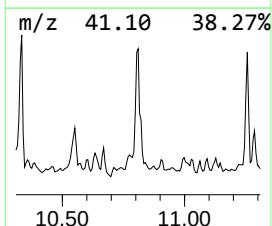
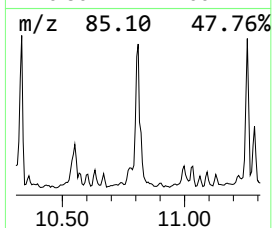
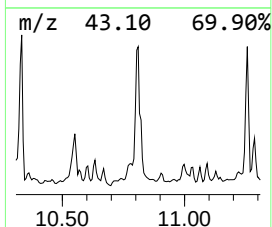
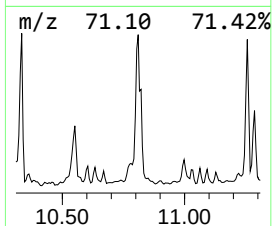
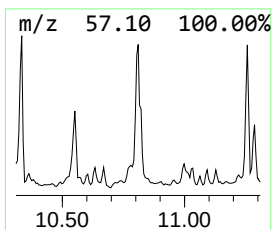
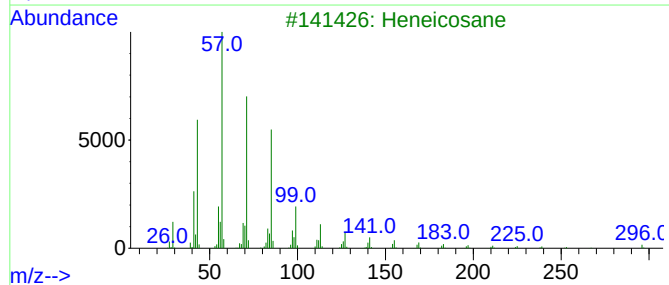
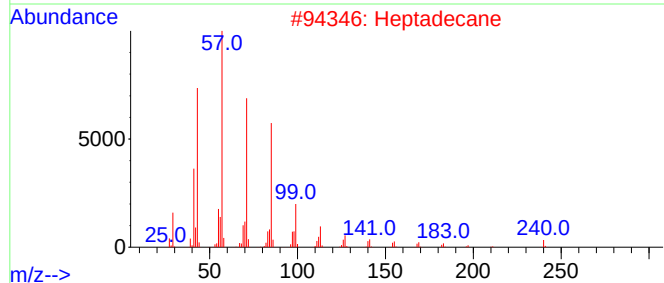
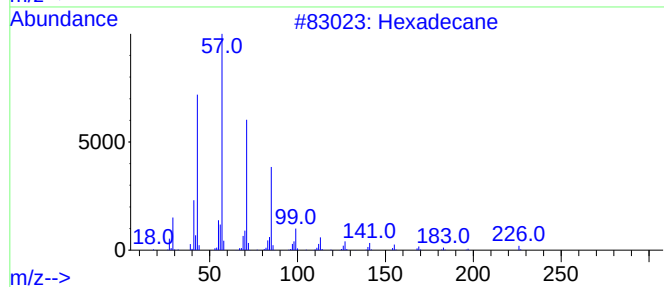
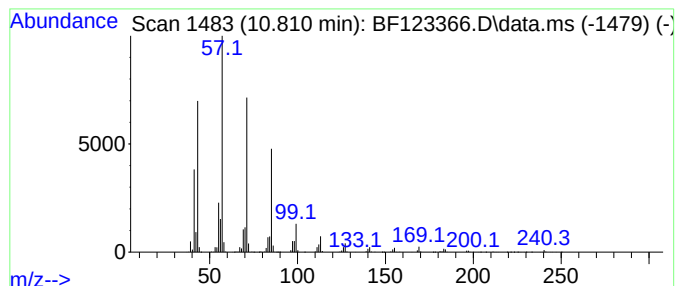
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.810	30.05 ng	5831500	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Heptadecane	240	C17H36	000629-78-7	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Tetradecane	198	C14H30	000629-59-4	91
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123366.D
Acq On : 3 Mar 2021 20:53
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Sample : M1542-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 4

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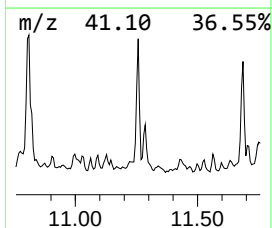
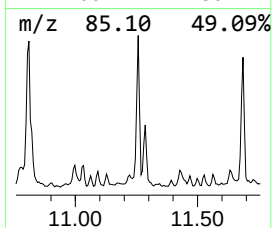
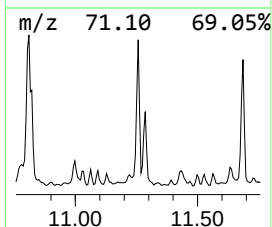
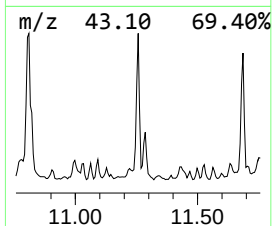
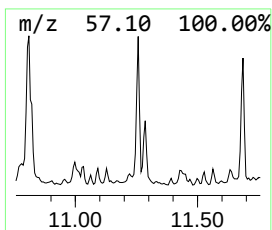
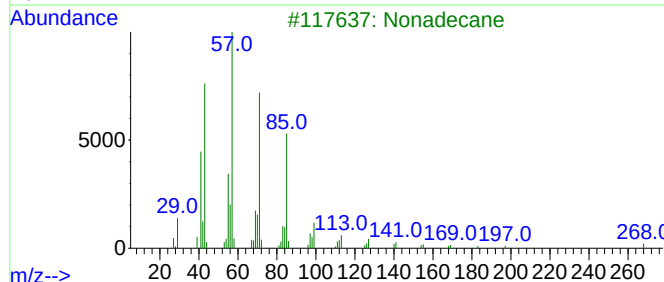
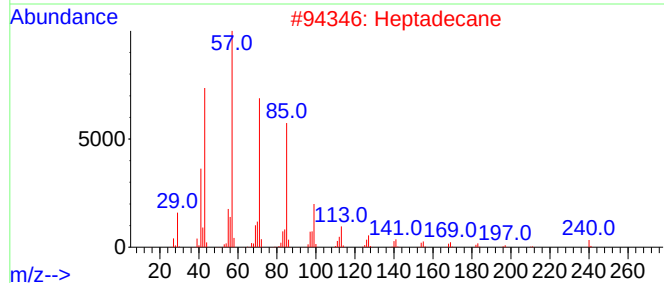
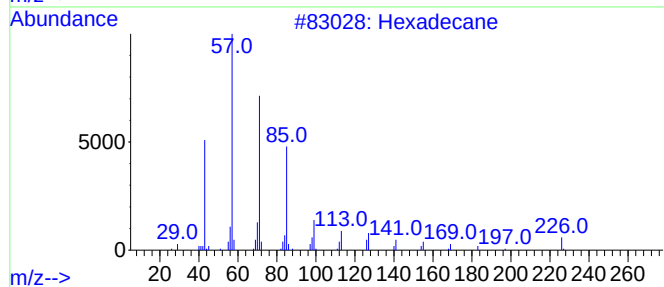
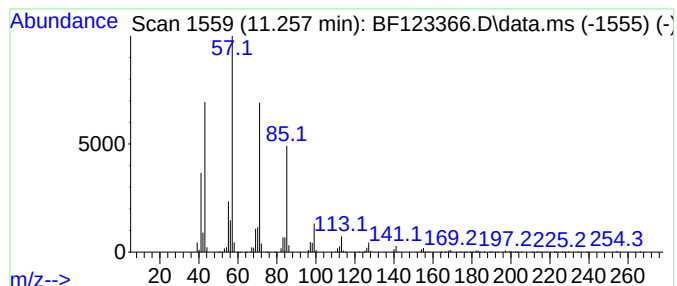
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	17.42 ng	3381210	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Heptadecane	240	C17H36	000629-78-7	91
3			Nonadecane	268	C19H40	000629-92-5	90
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5			Pentadecane	212	C15H32	000629-62-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123366.D
Acq On : 3 Mar 2021 20:53
Operator : JU/CG
Sample : M1542-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 4

Instrument :
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ClientSampleId :
SU-03-030221

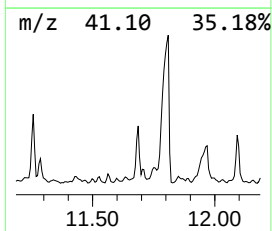
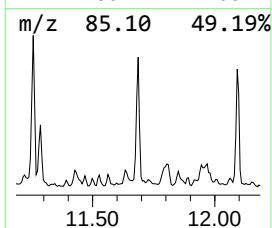
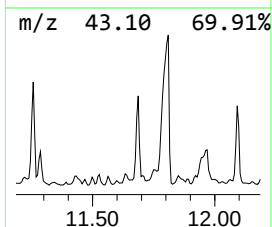
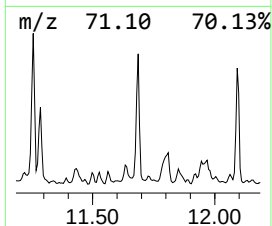
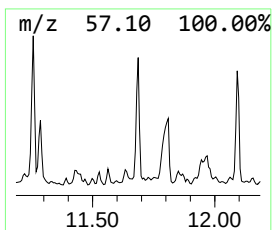
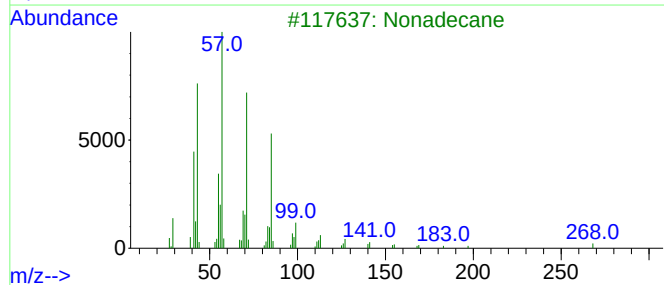
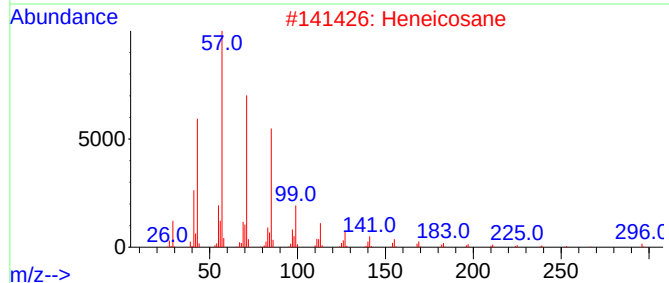
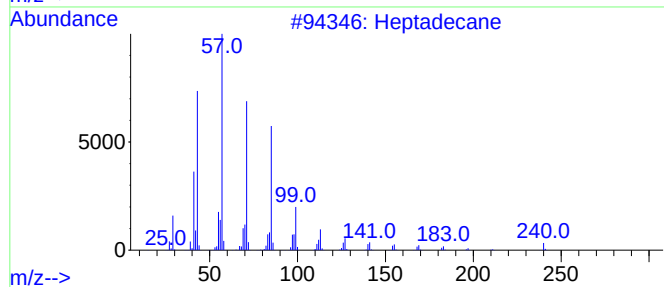
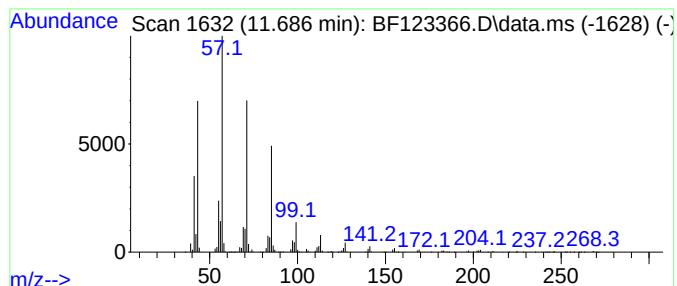
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.686	17.55 ng	3405810	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Nonadecane	268	C19H40	000629-92-5	90
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
5			Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123366.D
Acq On : 3 Mar 2021 20:53
Operator : JU/CG
Sample : M1542-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 4

Instrument :
BNA_F
ClientSampleId :
SU-03-030221

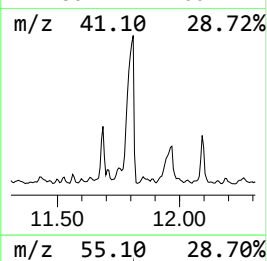
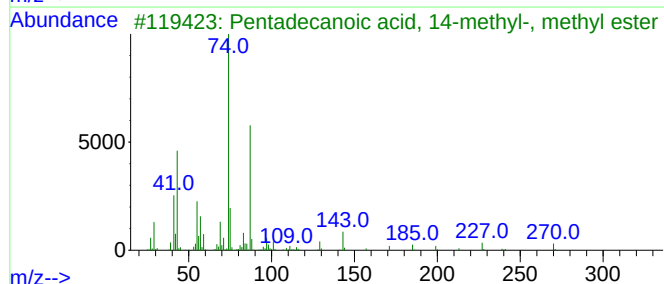
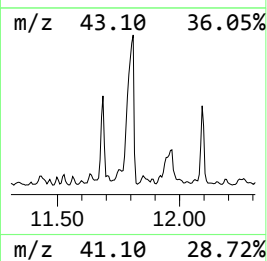
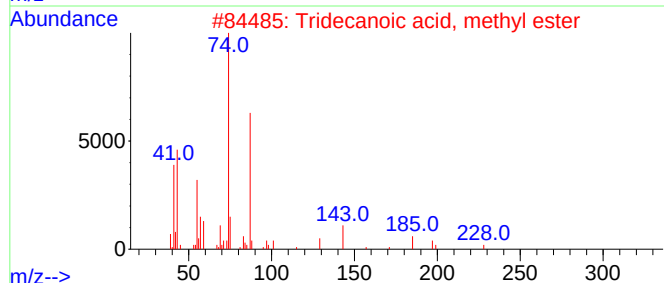
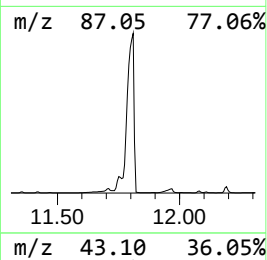
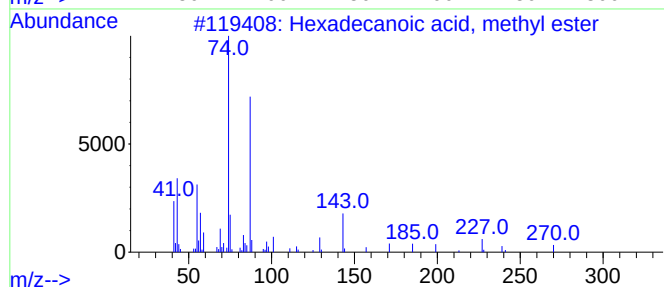
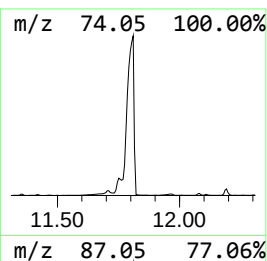
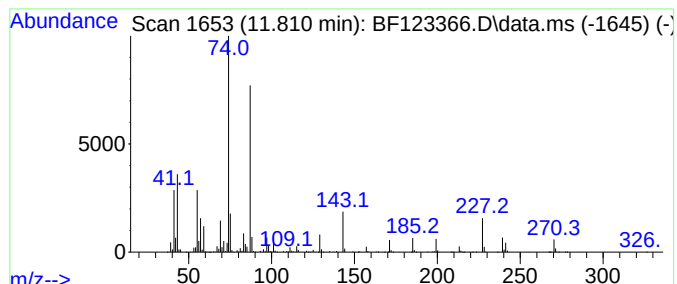
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	119.60 ng	23208100	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	96
3			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
4			Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5			Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123366.D
Acq On : 3 Mar 2021 20:53
Operator : JU/CG
Sample : M1542-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 4

Instrument :
BNA_F
ClientSampleId :
SU-03-030221

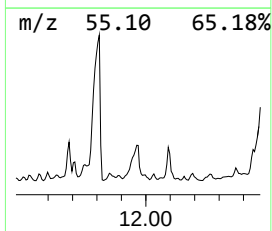
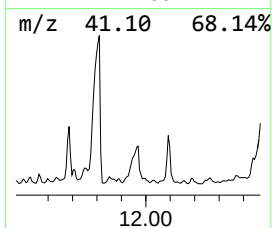
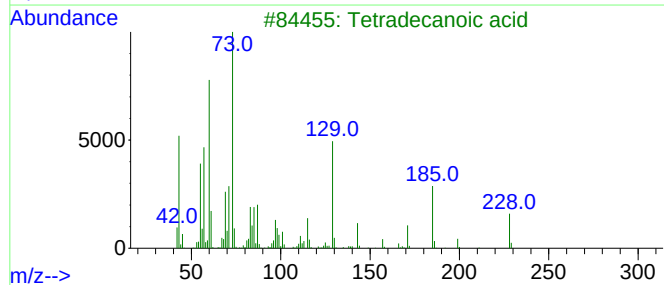
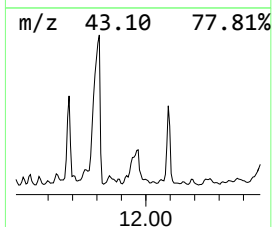
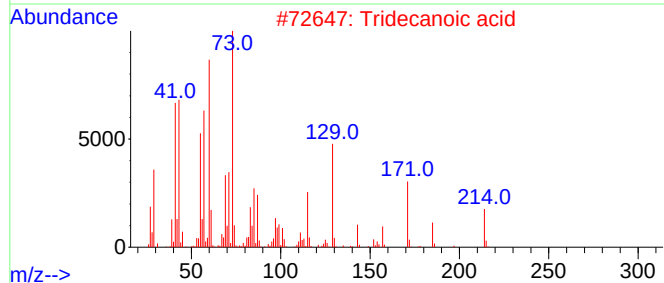
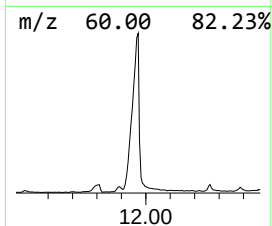
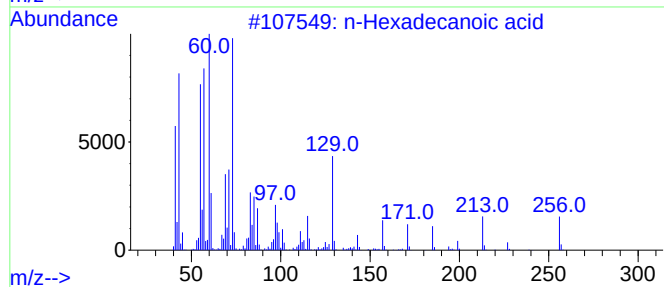
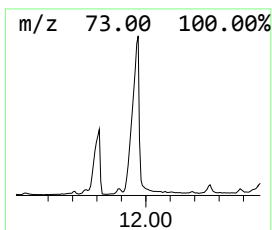
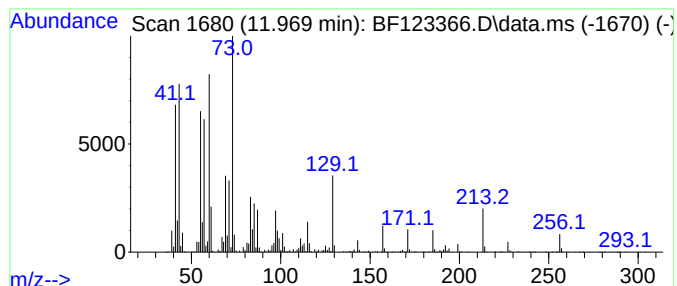
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	25.26 ng	4901770	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	96
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			.alpha.-D-Glucopyranose, 4-O-.be...	342	C12H22O11	014641-93-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123366.D
Acq On : 3 Mar 2021 20:53
Operator : JU/CG
Sample : M1542-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 4

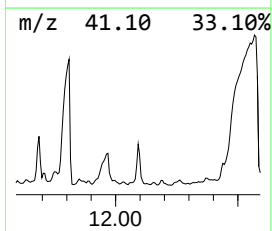
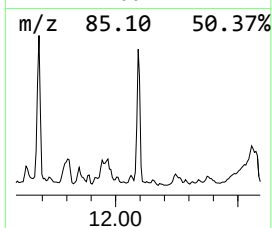
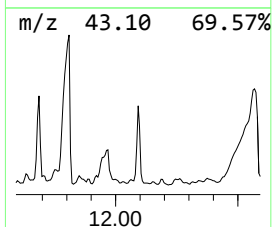
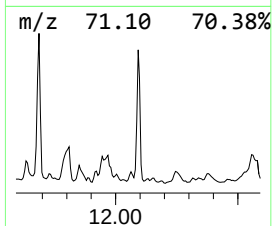
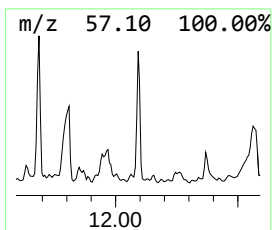
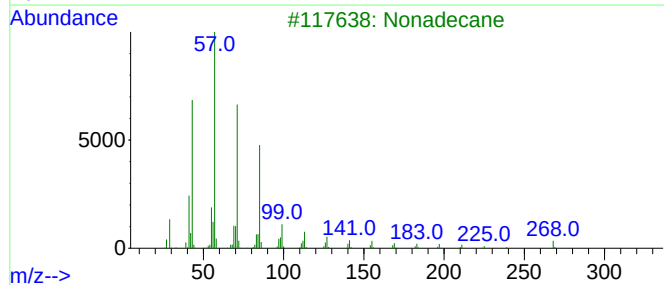
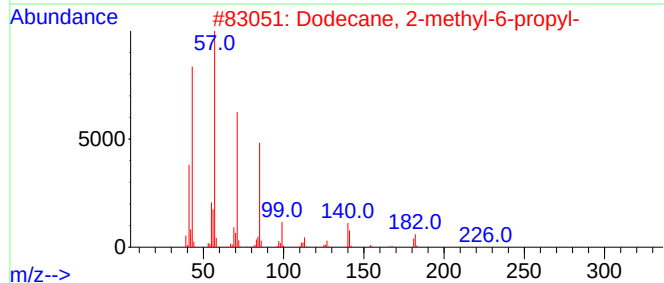
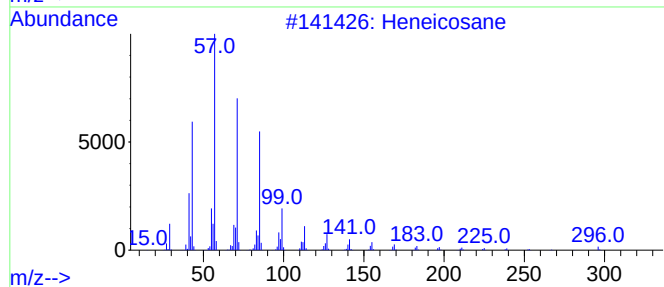
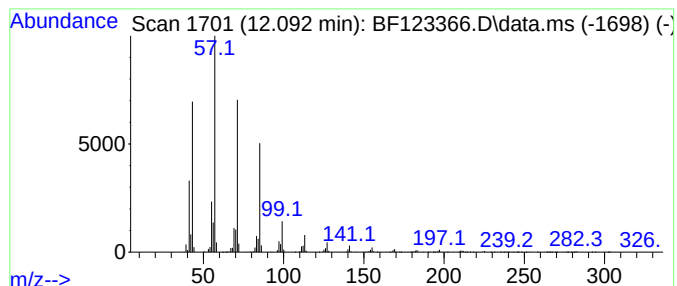
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 2-methyl-6-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.092	15.95 ng	3096030	Phenanthrene-d10		11.398	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	90
3	Nonadecane		268	C19H40	000629-92-5	90
4	Eicosane		282	C20H42	000112-95-8	90
5	Tetradecane, 4-ethyl-		226	C16H34	055045-14-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123366.D
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Sample : M1542-01 2X
Misc :
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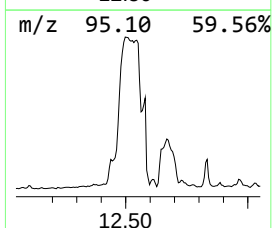
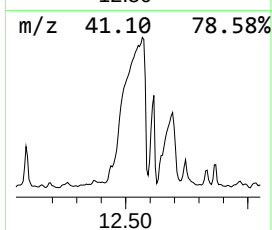
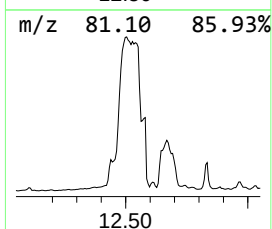
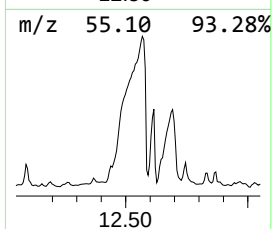
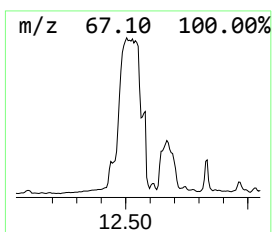
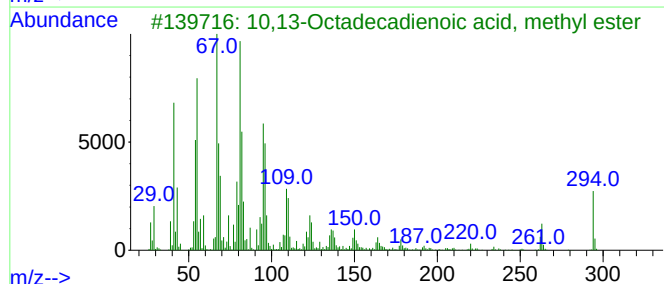
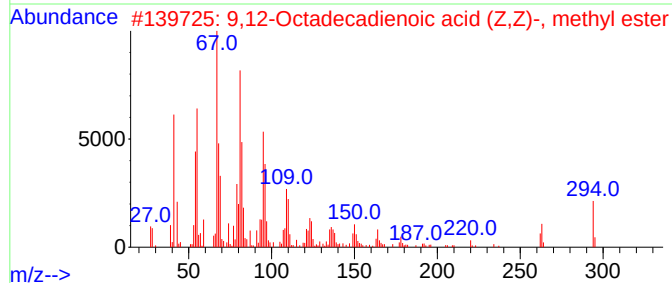
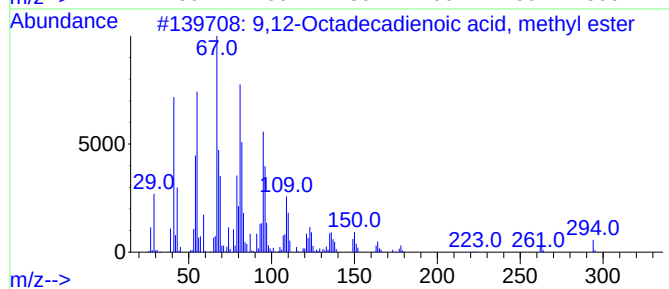
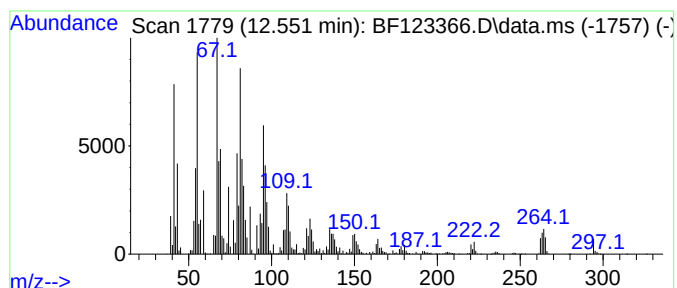
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.551	383.60 ng	74437200	Phenanthrene-d10		11.398	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4		Methyl 7,12-octadecadienoate	294	C19H34O2	1000336-43-8	98
5		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123366.D
Acq On : 3 Mar 2021 20:53
Operator : JU/CG
Sample : M1542-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 4

Instrument :
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ClientSampleId :
SU-03-030221

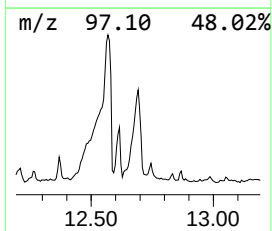
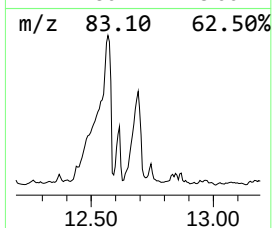
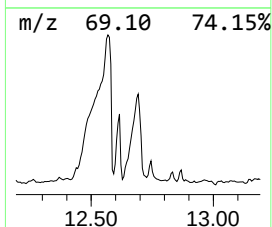
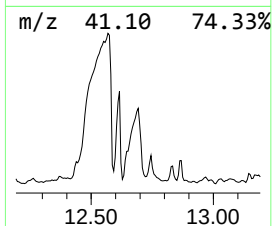
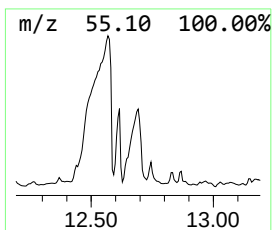
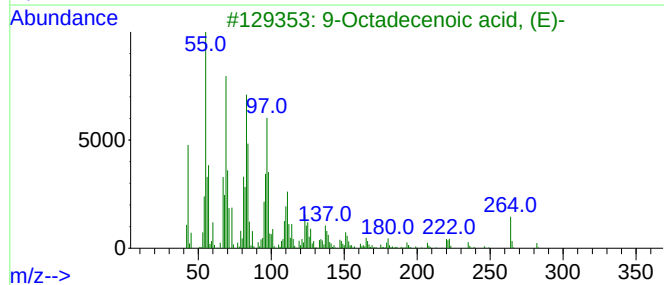
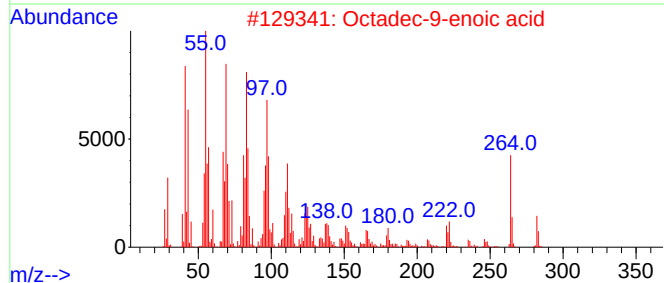
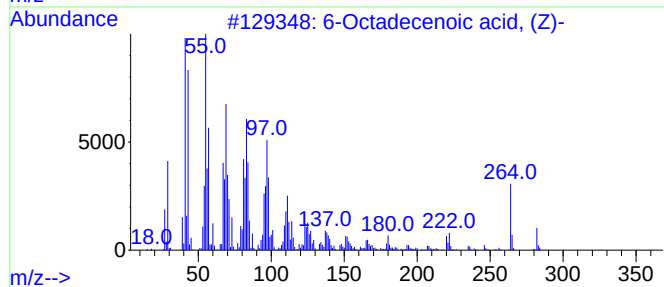
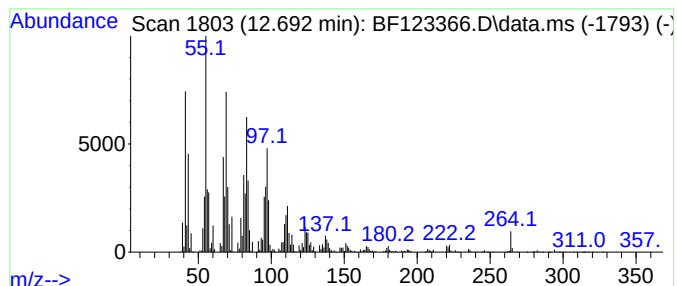
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 6-Octadecenoic acid, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.692	91.50 ng	17755400	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	95
2			Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	91
3			9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	90
4			cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	89
5			trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123366.D
Acq On : 3 Mar 2021 20:53
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Sample : M1542-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 4

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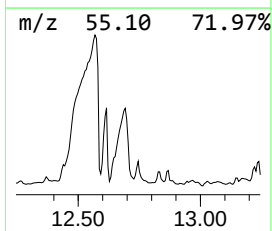
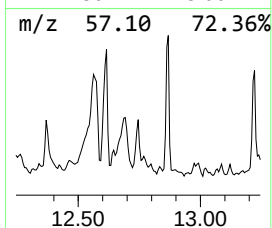
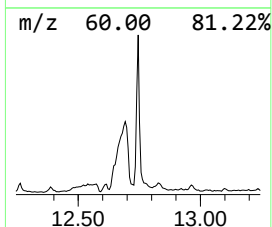
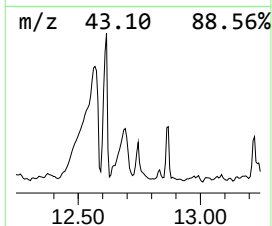
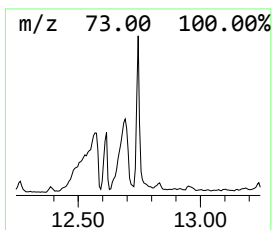
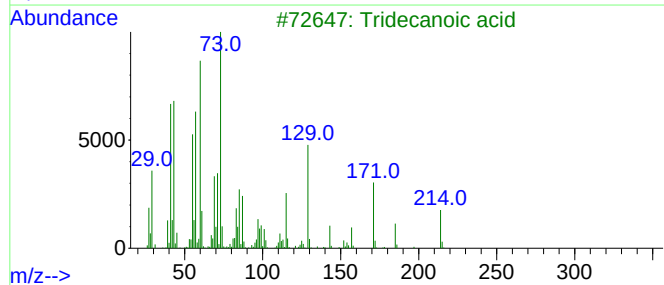
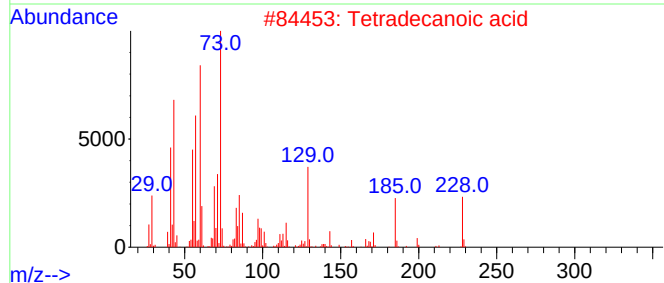
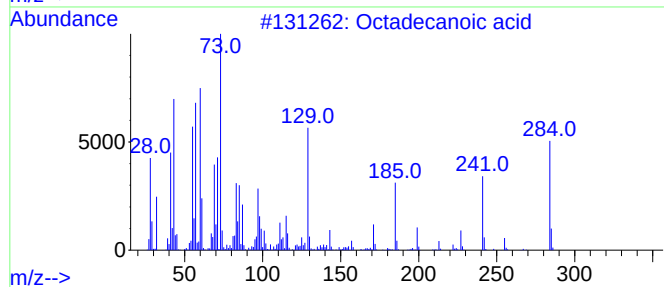
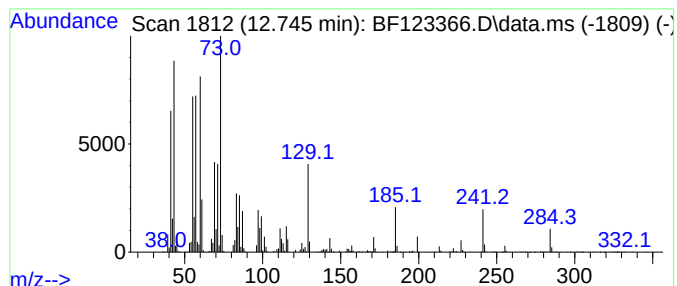
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.745	13.25 ng	2802110	Chrysene-d12	14.068

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3			Tridecanoic acid	214	C13H26O2	000638-53-9	74
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5			n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123366.D
Acq On : 3 Mar 2021 20:53
Operator : JU/CG
Sample : M1542-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 4

Instrument :
BNA_F
ClientSampleId :
SU-03-030221

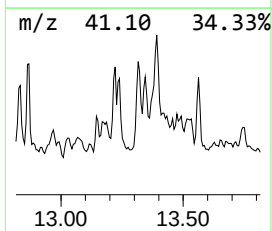
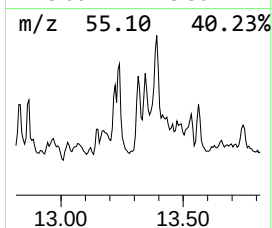
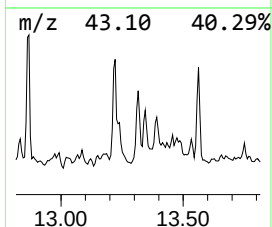
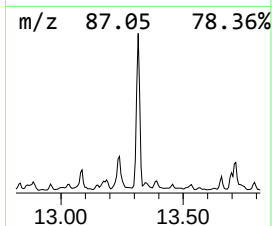
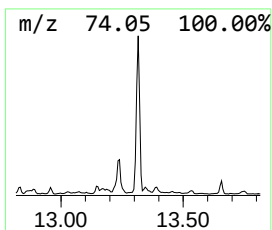
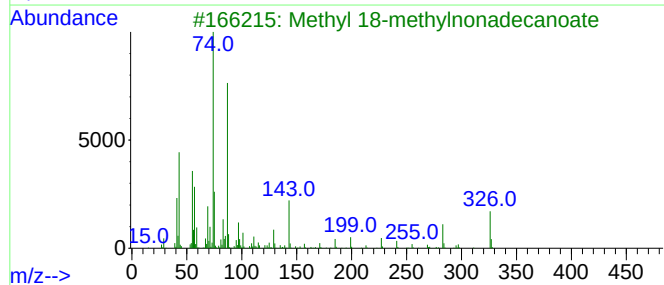
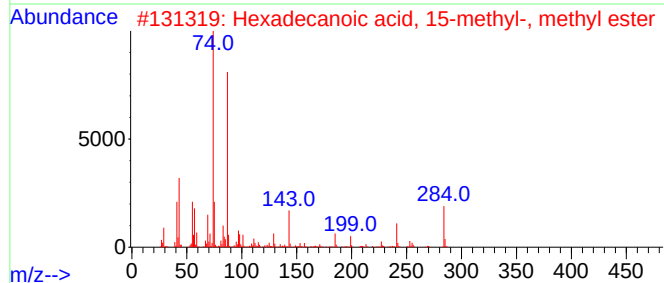
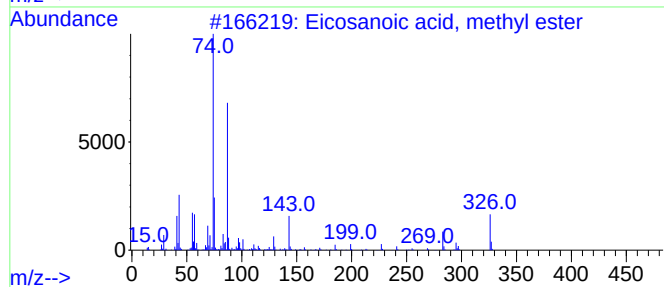
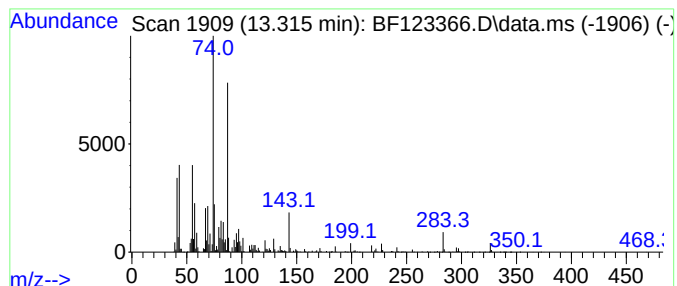
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosanoic acid, methyl ester Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.316	12.05 ng	2548790	Chrysene-d12	14.068

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2			Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	90
3			Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	90
4			Methyl stearate	298	C19H38O2	000112-61-8	74
5			Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123366.D
Acq On : 3 Mar 2021 20:53
Operator : JU/CG
Sample : M1542-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 4

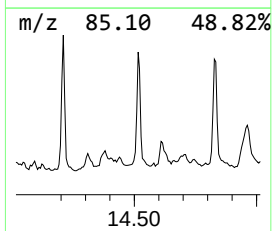
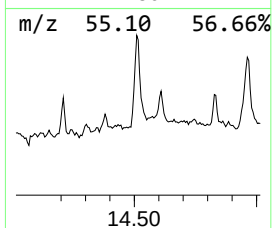
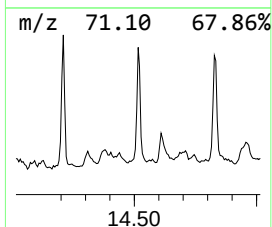
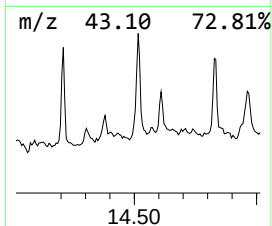
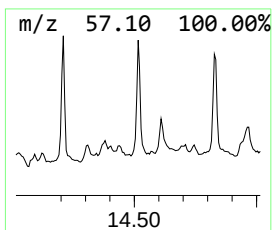
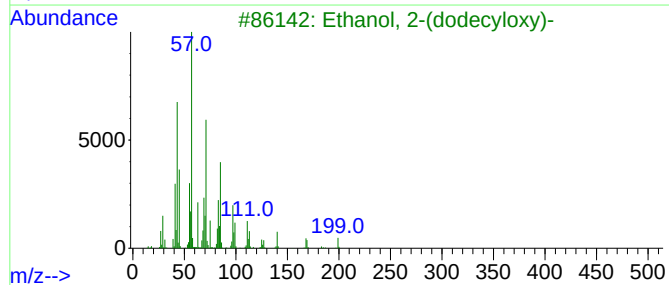
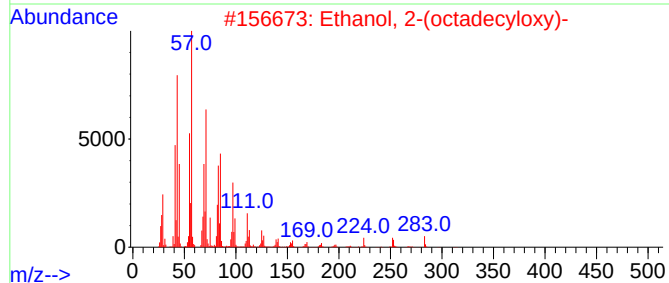
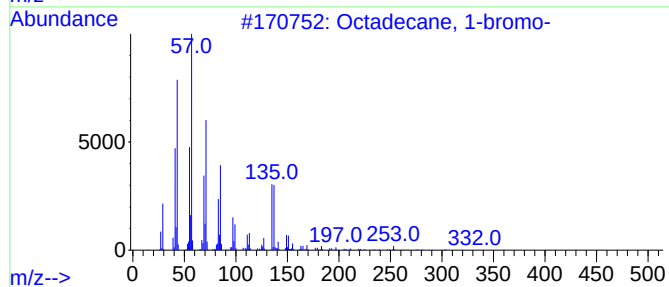
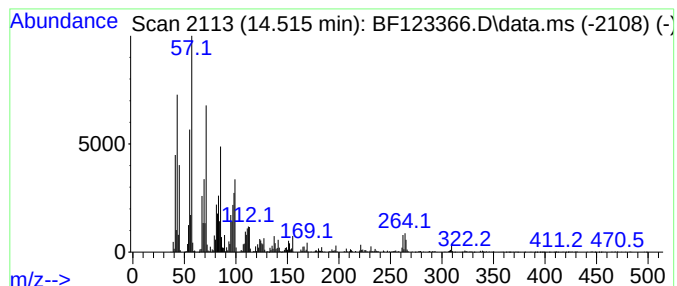
Instrument :
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ClientSampleId :
SU-03-030221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecane, 1-bromo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.515	18.55 ng	3924110	Chrysene-d12		14.068	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane, 1-bromo-		332	C18H37Br	000112-89-0	87
2	Ethanol, 2-(octadecyloxy)-		314	C20H42O2	002136-72-3	70
3	Ethanol, 2-(dodecyloxy)-		230	C14H30O2	004536-30-5	64
4	1-Bromodocosane		388	C22H45Br	006938-66-5	49
5	Heptacosane, 1-chloro-		414	C27H55Cl	062016-79-9	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123366.D
Acq On : 3 Mar 2021 20:53
Operator : JU/CG
Sample : M1542-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 4

Instrument :
BNA_F
ClientSampleId :
SU-03-030221

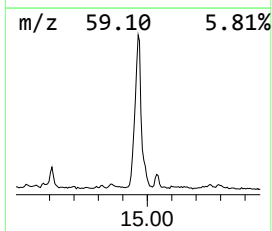
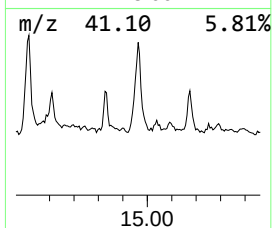
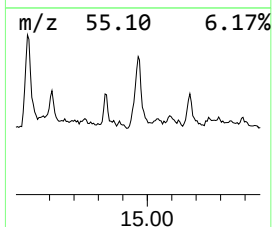
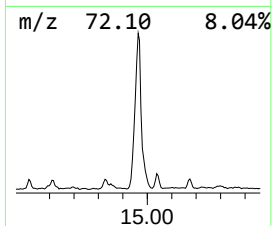
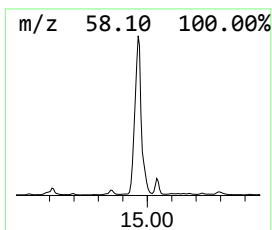
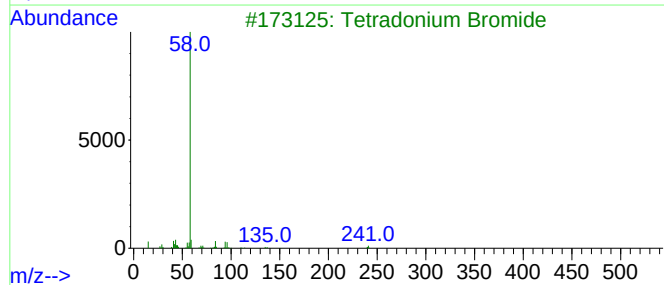
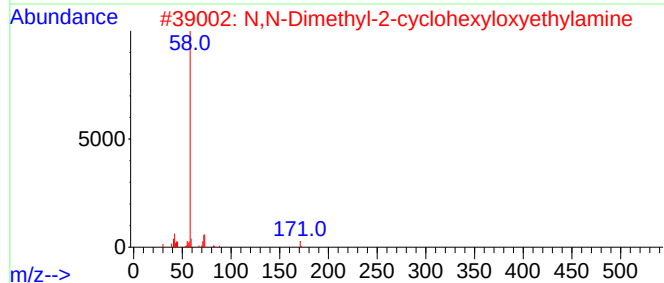
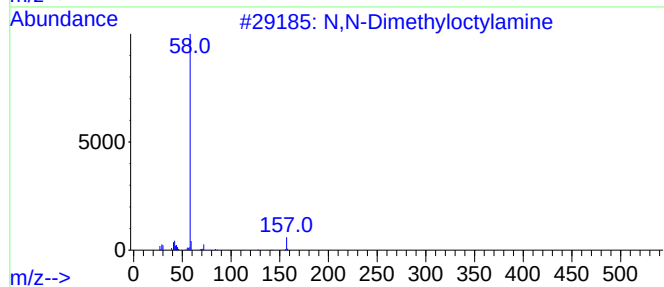
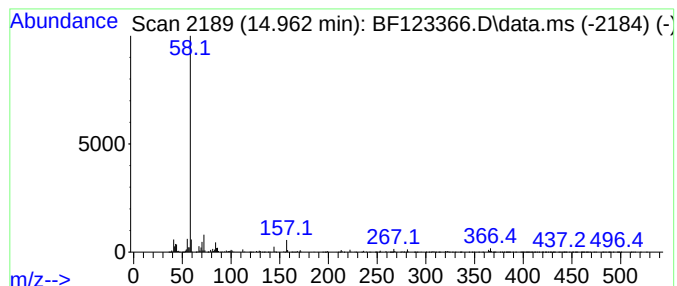
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 N,N-Dimethyloctylamine Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.962	28.20 ng	5454320	Perylene-d12	15.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
2			N,N-Dimethyl-2-cyclohexyloxyethy...	171	C10H21NO	071126-60-8	64
3			Tetradonium Bromide	335	C17H38BrN	001119-97-7	64
4			Propylhexedrine, propionyl	211	C13H25NO	1000123-85-9	59
5			Benzedrex	155	C10H21N	000101-40-6	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
 Data File : BF123366.D
 Acq On : 3 Mar 2021 20:53
 Operator : JU/CG
 Sample : M1542-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 4

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-030221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.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
Propane, 2,2-di...	2.404	183.3	ng	27341200	1	6.863	2983390	20.0
Undecane, 2,6-d...	8.198	12.4	ng	1405620	2	8.139	2269470	20.0
Ethanone, 1-cyc...	8.428	12.6	ng	1433100	2	8.139	2269470	20.0
Tridecane	8.728	41.2	ng	4673940	2	8.139	2269470	20.0
Nonadecane	9.298	34.6	ng	6187540	3	9.904	3578880	20.0
Tetratetracontane	9.616	15.3	ng	2733120	3	9.904	3578880	20.0
Tetradecane	9.833	22.1	ng	3954100	3	9.904	3578880	20.0
Hexadecane	10.333	22.1	ng	3960470	3	9.904	3578880	20.0
Heptadecane	10.810	30.1	ng	5831500	4	11.398	3880990	20.0
Tridecane, 1-iodo-	11.257	17.4	ng	3381210	4	11.398	3880990	20.0
Heneicosane	11.686	17.6	ng	3405810	4	11.398	3880990	20.0
Hexadecanoic ac...	11.810	119.6	ng	23208100	4	11.398	3880990	20.0
n-Hexadecanoic ...	11.969	25.3	ng	4901770	4	11.398	3880990	20.0
Dodecane, 2-met...	12.092	15.9	ng	3096030	4	11.398	3880990	20.0
9,12-Octadecadi...	12.551	383.6	ng	74437200	4	11.398	3880990	20.0
6-Octadecenoic ...	12.692	91.5	ng	17755400	4	11.398	3880990	20.0
Octadecanoic acid	12.745	13.3	ng	2802110	5	14.068	4230650	20.0
Eicosanoic acid...	13.316	12.1	ng	2548790	5	14.068	4230650	20.0
Octadecane, 1-b...	14.515	18.6	ng	3924110	5	14.068	4230650	20.0
N,N-Dimethyloct...	14.962	28.2	ng	5454320	6	15.574	3868670	20.0