

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
 Data File : BF120420.D
 Acq On : 28 May 2020 20:57
 Operator : MA/SJ
 Sample : L2745-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM22-COMP-2020-0-6

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BF052820.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.946	5	10	11	rBV	350491	405468	5.90%	0.418%
2	1.963	11	13	24	rVB	844820	1011289	14.72%	1.042%
3	2.116	34	39	47	rVB	1041214	1310091	19.07%	1.349%
4	5.275	572	576	582	rVB2	72412	133979	1.95%	0.138%
5	5.463	601	608	611	rBV	5025436	5913824	86.10%	6.091%
6	5.775	657	661	666	rVB	296544	264806	3.86%	0.273%
7	6.092	712	715	723	rBV	183472	228896	3.33%	0.236%
8	6.469	773	779	782	rVB	4758682	6210317	90.42%	6.397%
9	6.669	810	813	818	rBV2	123529	114700	1.67%	0.118%
10	6.839	838	842	850	rVB	2074553	1761883	25.65%	1.815%
11	6.998	865	869	872	rVB	5548849	5241759	76.32%	5.399%
12	7.404	932	938	941	rBV	4078862	4122053	60.02%	4.246%
13	8.122	1056	1060	1063	rBV	2654256	2070624	30.15%	2.133%
14	8.828	1173	1180	1186	rBV	1052280	1467501	21.37%	1.512%
15	9.198	1237	1243	1246	rBV	6832198	6868250	100.00%	7.075%
16	9.586	1303	1309	1314	rVV	470210	531857	7.74%	0.548%
17	9.875	1352	1358	1361	rBV	2513275	2195204	31.96%	2.261%
18	10.075	1389	1392	1398	rBV3	132013	108168	1.57%	0.111%
19	10.663	1487	1492	1495	rBV	3916647	3514174	51.17%	3.620%
20	10.863	1520	1526	1532	rBV6	70951	142157	2.07%	0.146%
21	11.010	1547	1551	1552	rBV3	148862	145835	2.12%	0.150%
22	11.022	1552	1553	1556	rVV	195898	133362	1.94%	0.137%
23	11.086	1559	1564	1572	rVB	991823	1102190	16.05%	1.135%
24	11.310	1599	1602	1606	rBV2	357793	361907	5.27%	0.373%
25	11.357	1606	1610	1613	rVV	2051920	1950195	28.39%	2.009%
26	11.380	1613	1614	1618	rVV	548771	391181	5.70%	0.403%
27	11.433	1618	1623	1626	rVB	133741	159390	2.32%	0.164%
28	11.510	1631	1636	1644	rVB5	77206	123258	1.79%	0.127%
29	11.580	1644	1648	1654	rBV4	120900	166456	2.42%	0.171%
30	11.769	1678	1680	1684	rVB	344685	310623	4.52%	0.320%
31	11.821	1684	1689	1692	rBV	722677	862076	12.55%	0.888%
32	11.851	1692	1694	1697	rVV2	394766	481163	7.01%	0.496%
33	11.898	1697	1702	1710	rVV2	2030311	2467280	35.92%	2.541%
34	11.969	1711	1714	1717	rVV	151265	195107	2.84%	0.201%

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35	12.004	1717	1720	1724	rVV3	109589	166178	2.42%	0.171%
36	12.063	1727	1730	1737	rVV	389441	399566	5.82%	0.412%
37	12.145	1741	1744	1746	rVV2	121446	150008	2.18%	0.155%
38	12.174	1747	1749	1752	rVB2	117756	118309	1.72%	0.122%
39	12.304	1765	1771	1775	rBV5	76095	112593	1.64%	0.116%
40	12.451	1791	1796	1798	rBV2	161514	181631	2.64%	0.187%
41	12.480	1798	1801	1805	rVV3	487547	492208	7.17%	0.507%
42	12.557	1809	1814	1815	rBV2	927823	961679	14.00%	0.991%
43	12.568	1815	1816	1819	rVV	1014644	612660	8.92%	0.631%
44	12.616	1819	1824	1831	rVV	1291377	1720275	25.05%	1.772%
45	12.674	1831	1834	1844	rVV	987500	1141912	16.63%	1.176%
46	12.798	1848	1855	1857	rBV	832301	838884	12.21%	0.864%
47	12.821	1857	1859	1862	rVB	206309	173216	2.52%	0.178%
48	12.945	1875	1880	1884	rBV	5109747	5156376	75.08%	5.311%
49	13.010	1887	1891	1895	rBV2	210965	296394	4.32%	0.305%
50	13.127	1908	1911	1913	rVB	138175	129844	1.89%	0.134%
51	13.157	1913	1916	1919	rBV	263916	316639	4.61%	0.326%
52	13.180	1919	1920	1924	rVV2	144290	136175	1.98%	0.140%
53	13.221	1924	1927	1932	rVV3	184220	231290	3.37%	0.238%
54	13.292	1936	1939	1942	rBV	436219	366993	5.34%	0.378%
55	13.398	1953	1957	1958	rBV	288390	291187	4.24%	0.300%
56	13.504	1973	1975	1983	rBV3	163559	326606	4.76%	0.336%
57	13.568	1983	1986	1987	rVV	209874	192325	2.80%	0.198%
58	13.586	1987	1989	1992	rVV	280982	261702	3.81%	0.270%
59	13.639	1995	1998	2002	rVB2	439874	415095	6.04%	0.428%
60	13.733	2011	2014	2018	rBV2	479522	565390	8.23%	0.582%
61	13.845	2029	2033	2039	rVB3	1044861	1256893	18.30%	1.295%
62	13.898	2039	2042	2045	rBV	572008	501982	7.31%	0.517%
63	13.927	2045	2047	2051	rVB3	142947	136521	1.99%	0.141%
64	13.992	2051	2058	2061	rBV2	1740711	2248545	32.74%	2.316%
65	14.021	2061	2063	2067	rVB	341610	278622	4.06%	0.287%
66	14.068	2067	2071	2075	rBV2	1396119	1478223	21.52%	1.523%
67	14.168	2085	2088	2093	rVB	521039	505541	7.36%	0.521%
68	14.221	2094	2097	2099	rVB	249677	221892	3.23%	0.229%
69	14.251	2099	2102	2106	rVB3	175233	166454	2.42%	0.171%
70	14.380	2121	2124	2128	rBV	237007	267504	3.89%	0.276%
71	14.474	2136	2140	2146	rBV2	1180446	1400496	20.39%	1.443%

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72	14.527	2146	2149	2152	rVV	427120	382855	5.57%	0.394%
73	14.562	2152	2155	2159	rVB2	169172	165860	2.41%	0.171%
74	14.645	2166	2169	2171	rBV	174772	160030	2.33%	0.165%
75	14.692	2173	2177	2185	rVV2	327440	452889	6.59%	0.466%
76	14.780	2188	2192	2198	rVV	865105	1013310	14.75%	1.044%
77	14.851	2202	2204	2208	rVB3	148065	154986	2.26%	0.160%
78	14.921	2213	2216	2221	rVB3	200789	216331	3.15%	0.223%
79	14.986	2224	2227	2230	rVB2	121359	113712	1.66%	0.117%
80	15.027	2230	2234	2237	rBV	345932	546080	7.95%	0.562%
81	15.115	2245	2249	2251	rBV	1274530	1470505	21.41%	1.515%
82	15.139	2251	2253	2258	rVB2	717438	822467	11.97%	0.847%
83	15.321	2281	2284	2288	rBV	202686	242082	3.52%	0.249%
84	15.380	2289	2294	2299	rVB2	309794	579422	8.44%	0.597%
85	15.451	2301	2306	2309	rBV	1107195	1318312	19.19%	1.358%
86	15.492	2309	2313	2317	rVB2	731939	960035	13.98%	0.989%
87	15.692	2343	2347	2351	rVB	216847	274701	4.00%	0.283%
88	15.927	2382	2387	2391	rBV	1676590	2467531	35.93%	2.542%
89	15.974	2391	2395	2403	rVB	813682	1278521	18.61%	1.317%
90	16.327	2451	2455	2464	rVB6	194311	375098	5.46%	0.386%
91	16.427	2468	2472	2480	rVB2	265719	441650	6.43%	0.455%
92	16.715	2516	2521	2531	rVB3	272785	506147	7.37%	0.521%
93	16.886	2545	2550	2552	rBV2	155585	266605	3.88%	0.275%
94	17.015	2568	2572	2577	rBV2	141102	260474	3.79%	0.268%
95	17.092	2577	2585	2598	rBV3	833352	2406009	35.03%	2.478%
96	17.256	2610	2613	2619	rVB3	123961	197025	2.87%	0.203%
97	17.486	2646	2652	2658	rBV2	443864	967019	14.08%	0.996%
98	17.556	2659	2664	2667	rBV4	248033	466836	6.80%	0.481%
99	17.668	2678	2683	2688	rBV2	314403	704591	10.26%	0.726%
100	18.080	2746	2753	2761	rBV	436764	1187975	17.30%	1.224%

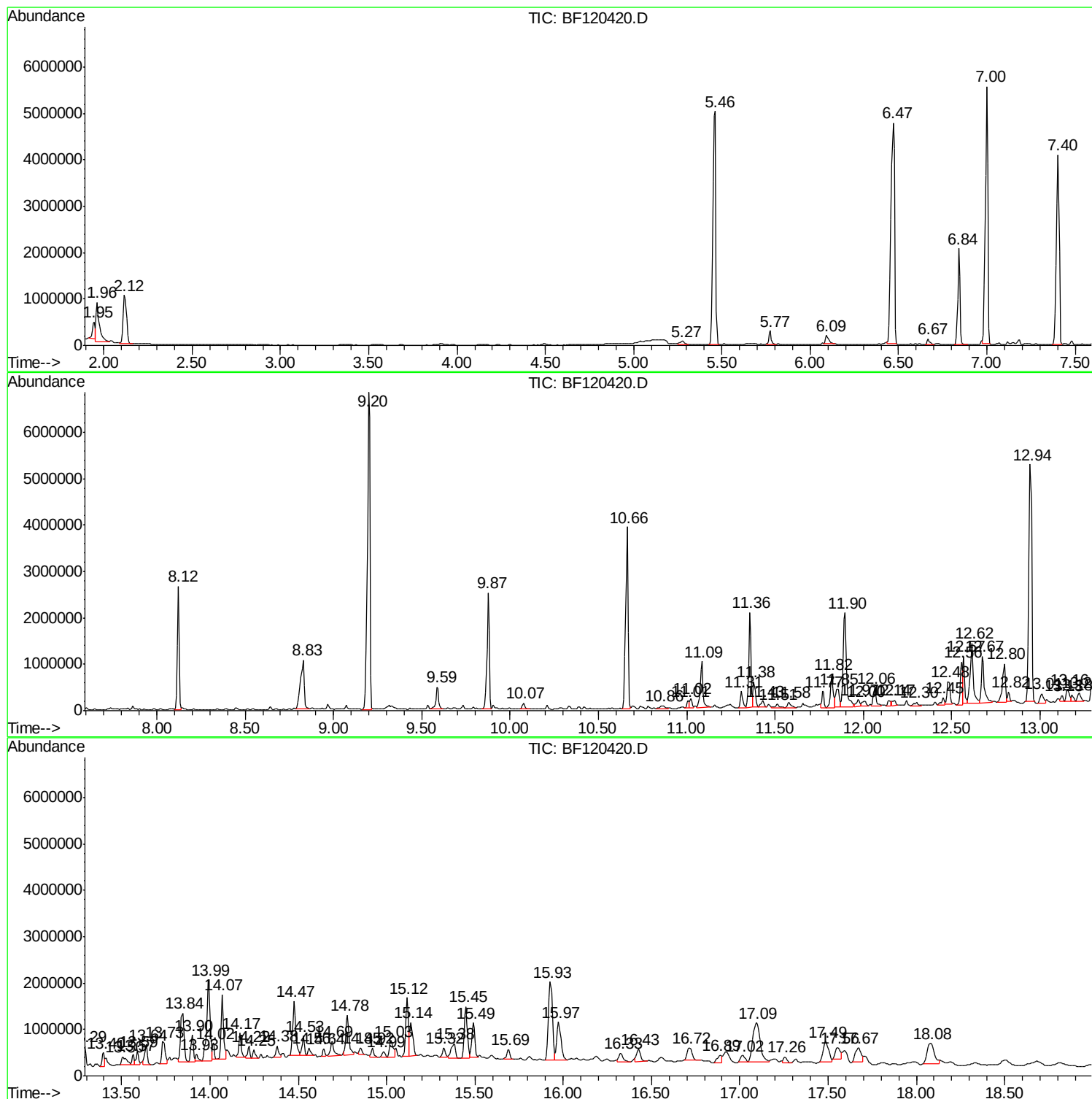
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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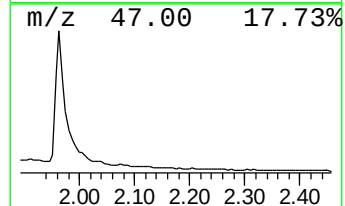
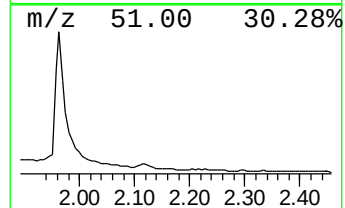
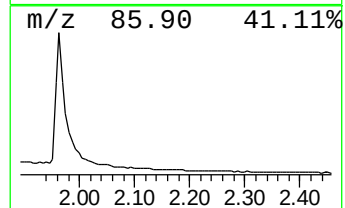
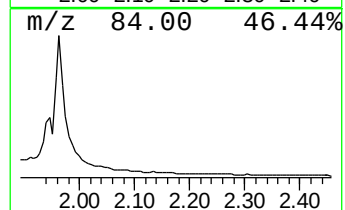
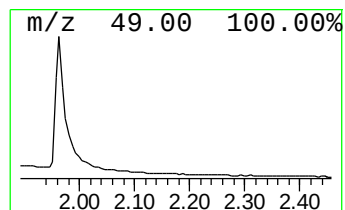
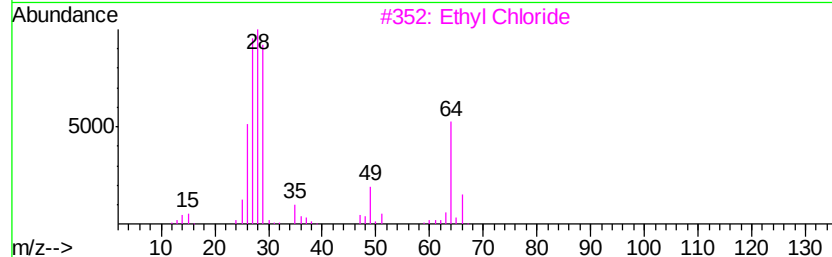
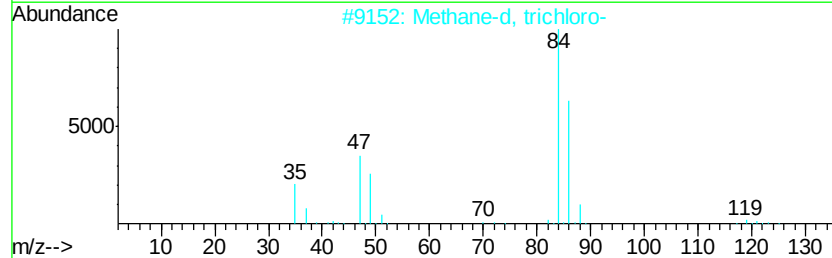
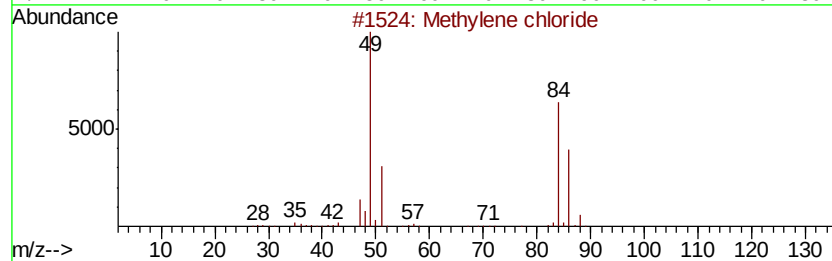
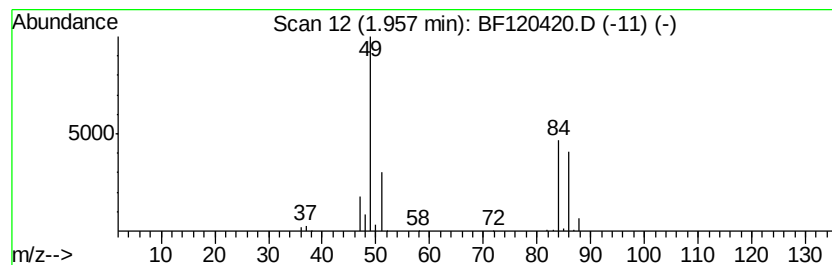
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 1 Methylene chloride Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	11.48 ng	1011290	1,4-Dichlorobenzene-d4	6.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methylene chloride	84	CH2Cl2	000075-09-2	91
2		Methane-d, trichloro-	119	CDCl3	000865-49-6	7
3		Ethyl Chloride	64	C2H5Cl	000075-00-3	4
4		Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2
5		2-Chloroethanol	80	C2H5ClO	000107-07-3	1



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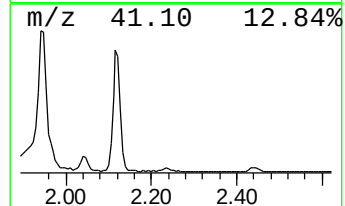
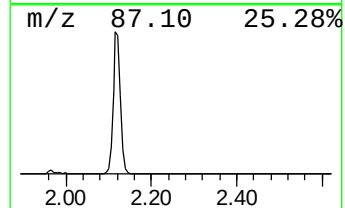
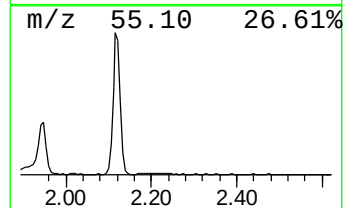
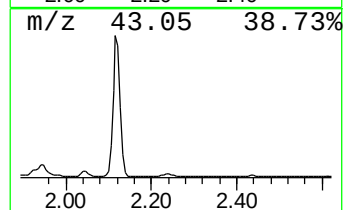
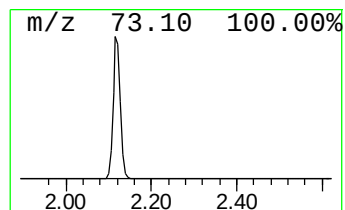
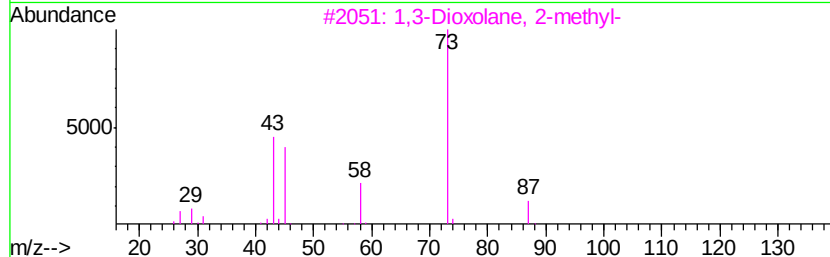
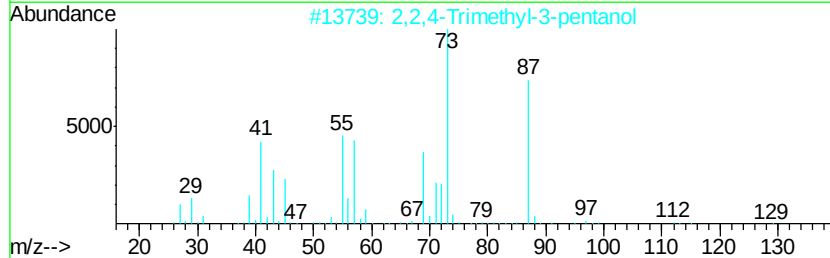
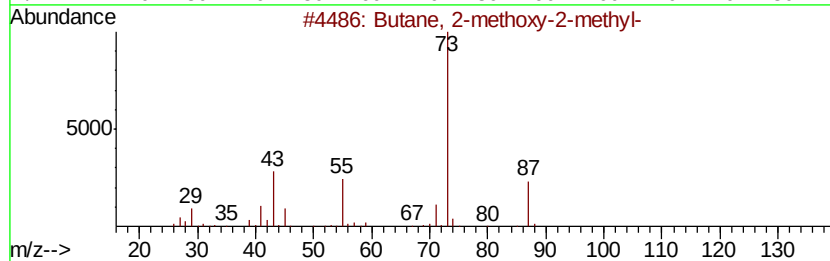
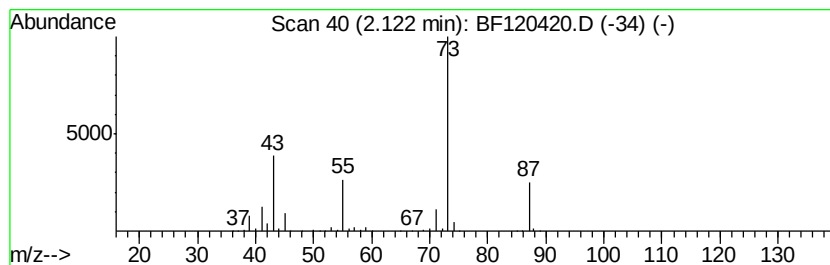
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	14.87 ng	1310090	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	10



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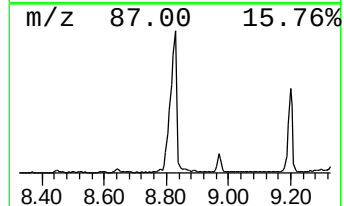
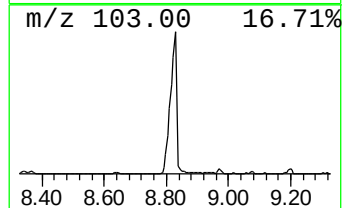
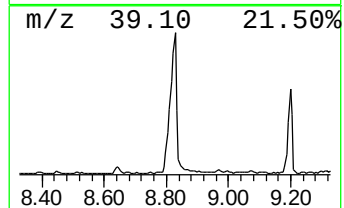
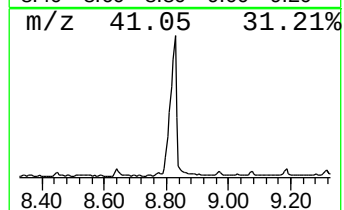
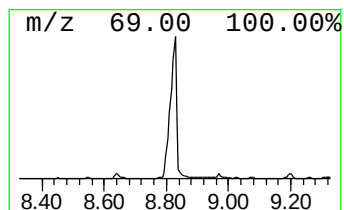
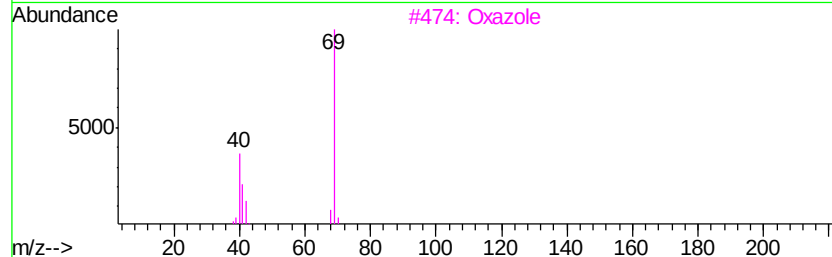
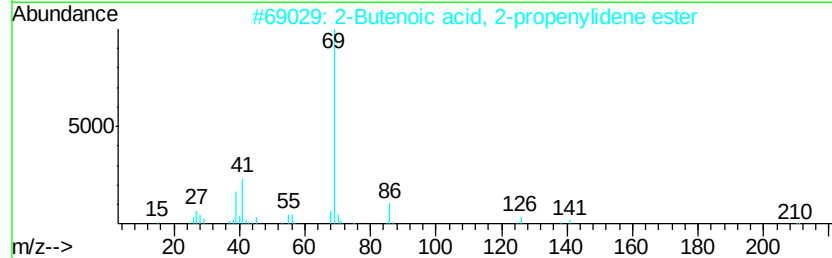
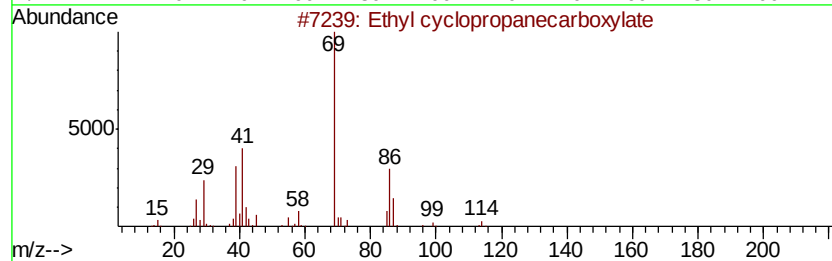
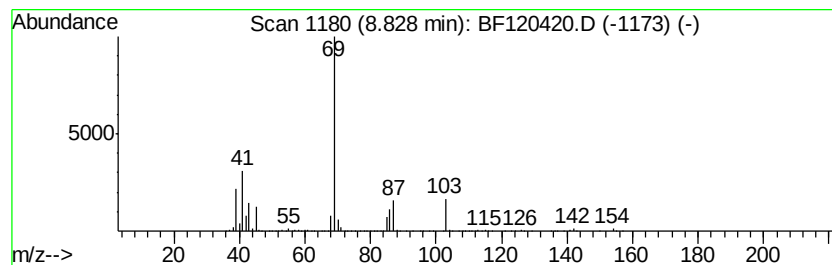
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown8.83 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	14.17 ng	1467500	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	38
2		2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	36
3		Oxazole	69	C3H3NO	000288-42-6	9
4		1,6-Hexanediamine	116	C6H16N2	000124-09-4	9
5		4-Heptanol, 2,6-dimethyl-	144	C9H20O	000108-82-7	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120420.D
Acq On : 28 May 2020 20:57
Operator : MA/SJ
Sample : L2745-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

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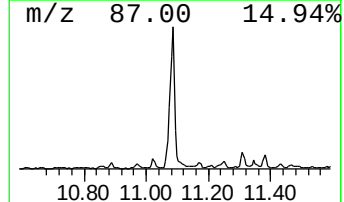
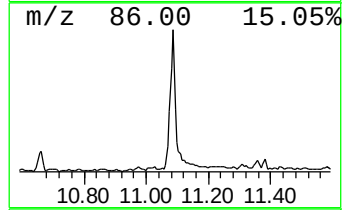
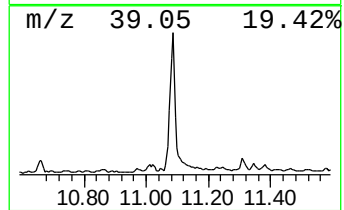
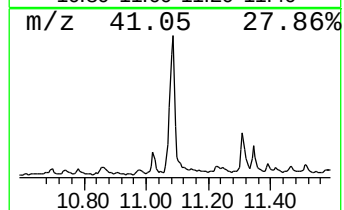
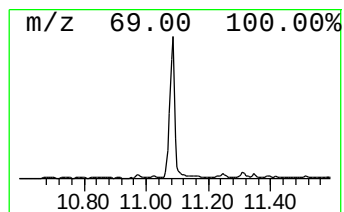
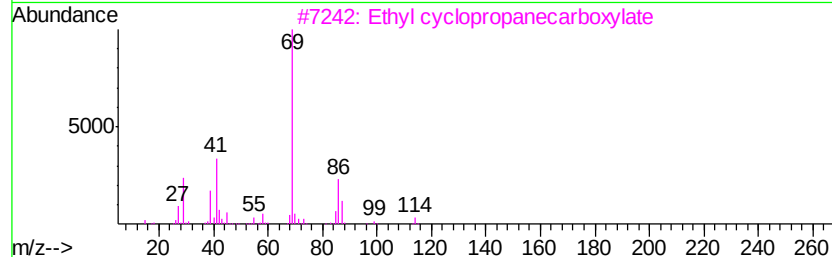
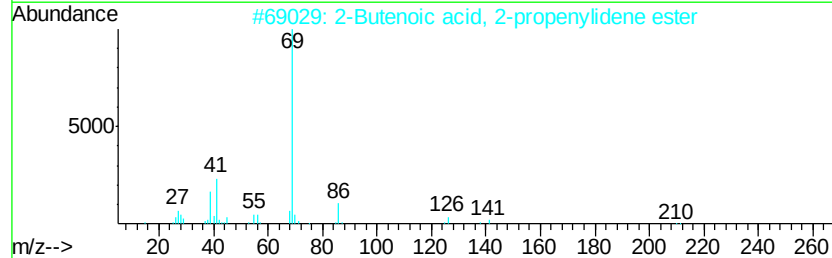
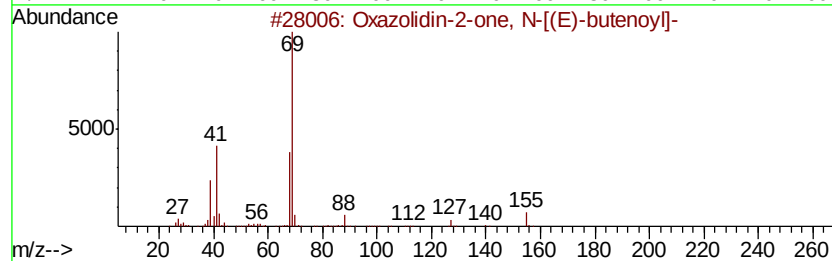
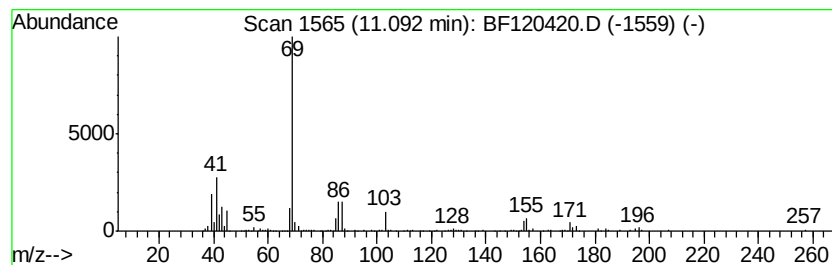
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown11.09 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	11.30 ng	1102190	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxazolidin-2-one, N-[(E)-butenoyl]-	155	C7H9NO3	1000156-45-5	47
2		2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	40
3		Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	38
4		3,3,7-Trimethyl-4-oxa-7-octen-1-ol	172	C10H20O2	069161-47-3	36
5		2-Butenoic acid, 1-methylethyl e...	128	C7H12O2	018060-77-0	9



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Sample : L2745-15
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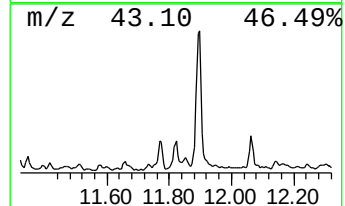
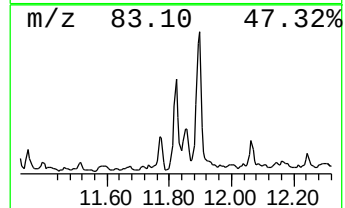
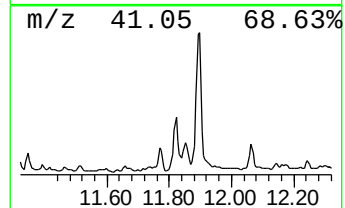
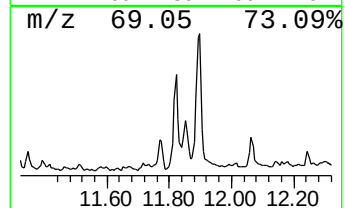
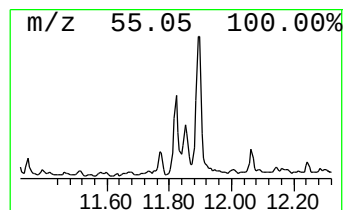
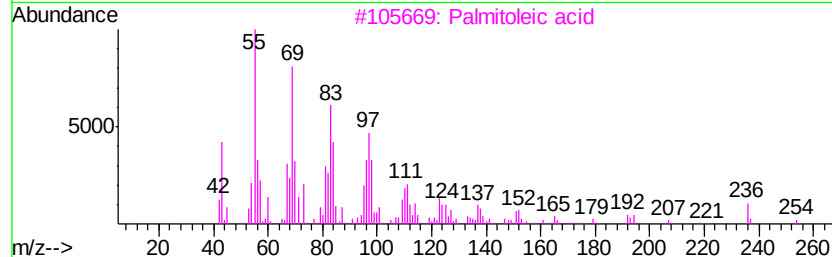
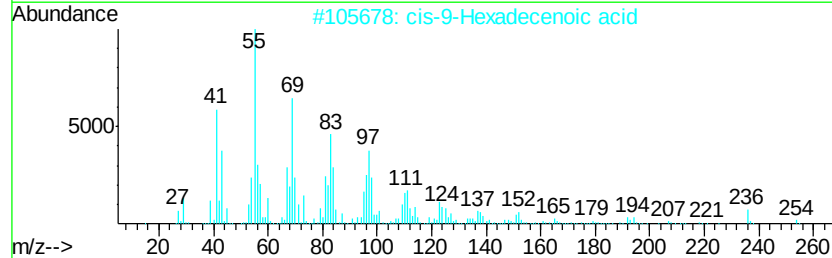
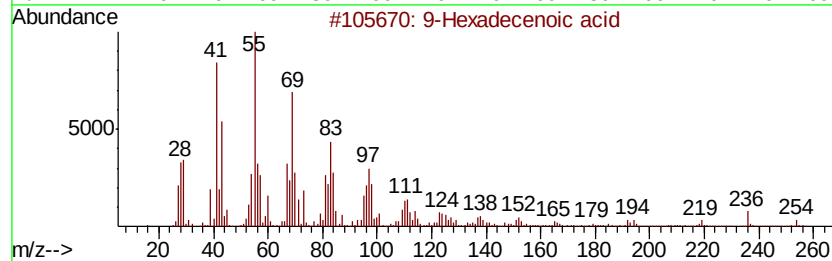
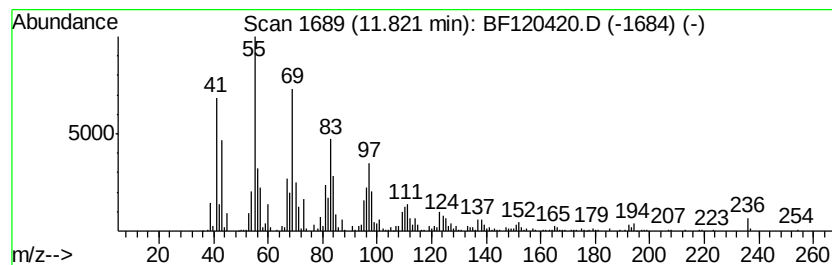
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9-Hexadecenoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.82	8.84 ng	862076	Phenanthrene-d10		11.36
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	93
2	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	93
3	Palmitoleic acid	254	C16H30O2	000373-49-9	91
4	Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	90
5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	80



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Misc :
ALS Vial : 16 Sample Multiplier: 1

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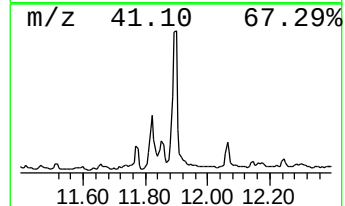
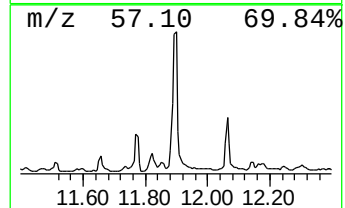
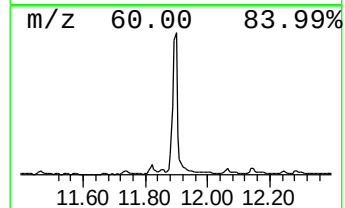
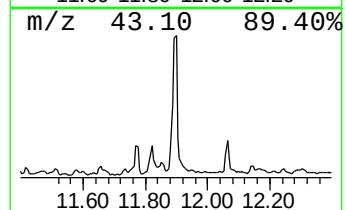
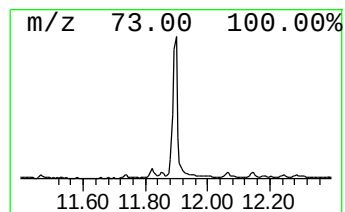
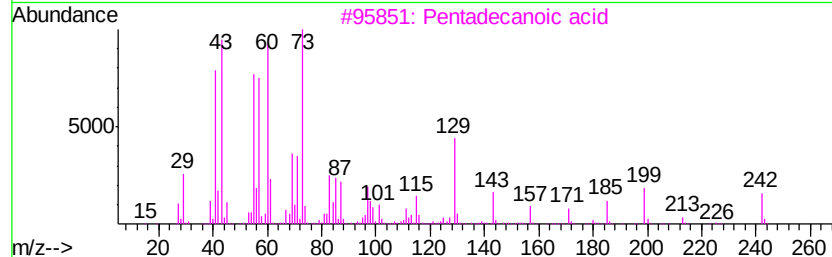
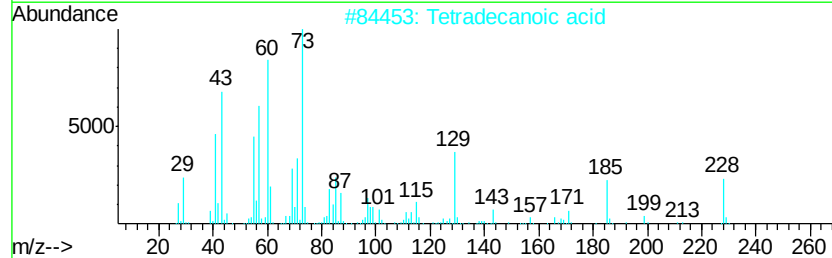
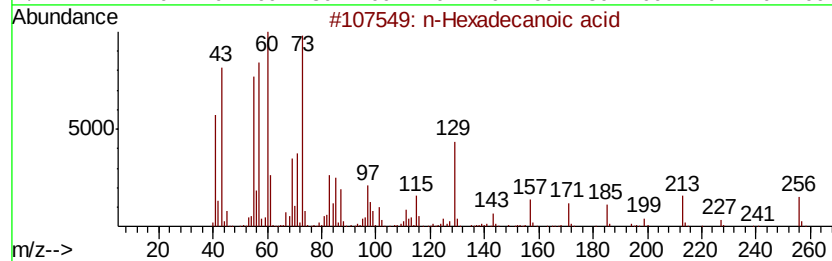
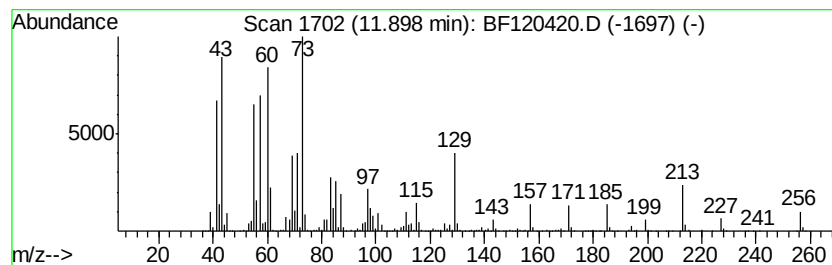
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	25.30 ng	2467280	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		n-Decanoic acid	172	C10H20O2	000334-48-5	76
5		Tridecanoic acid	214	C13H26O2	000638-53-9	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
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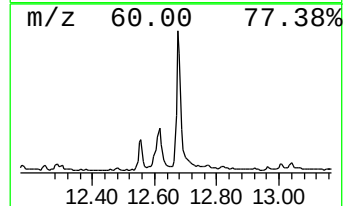
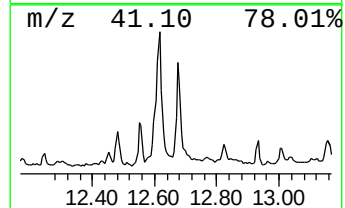
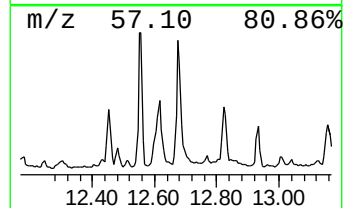
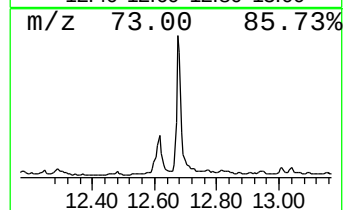
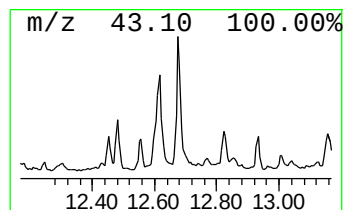
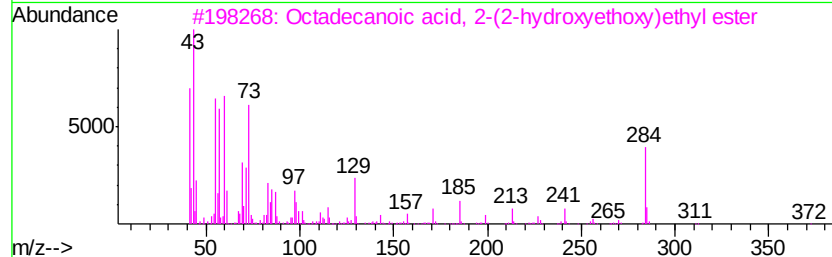
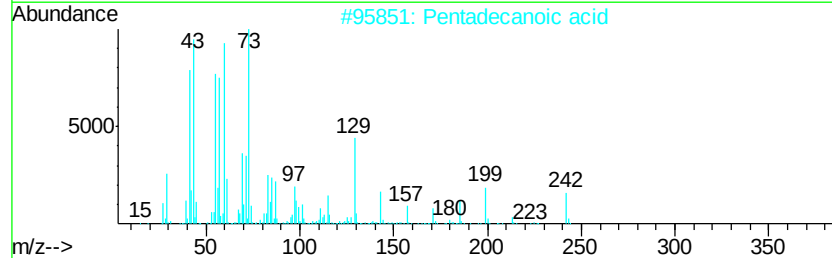
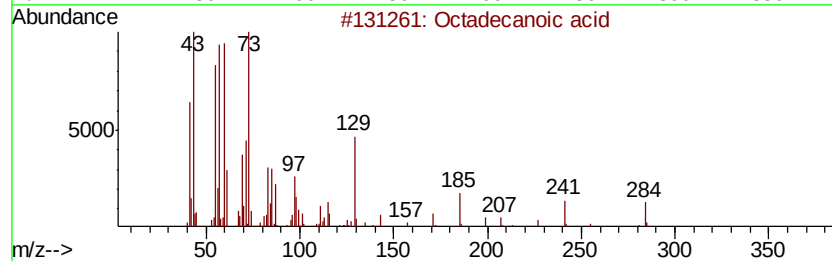
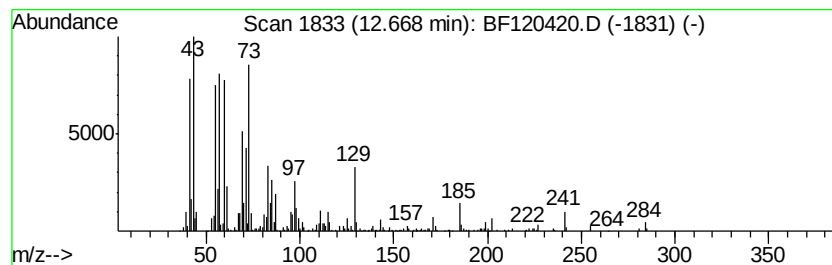
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	11.71 ng	1141910	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	83
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
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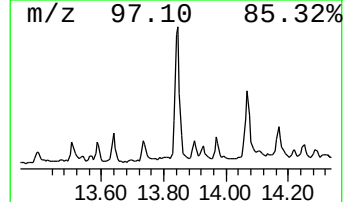
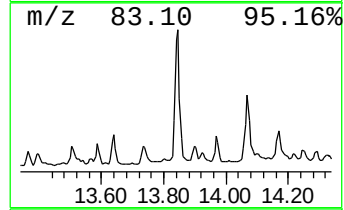
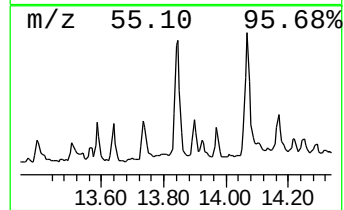
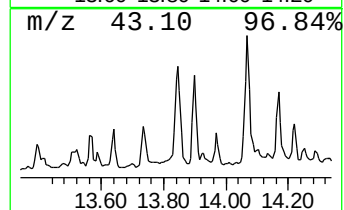
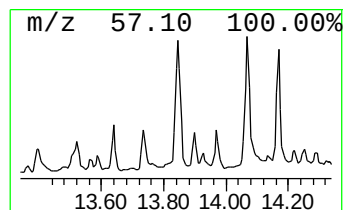
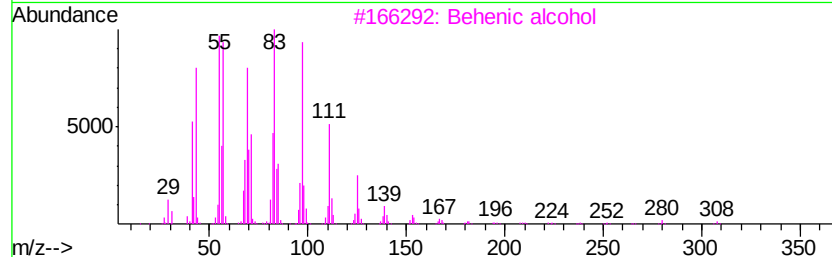
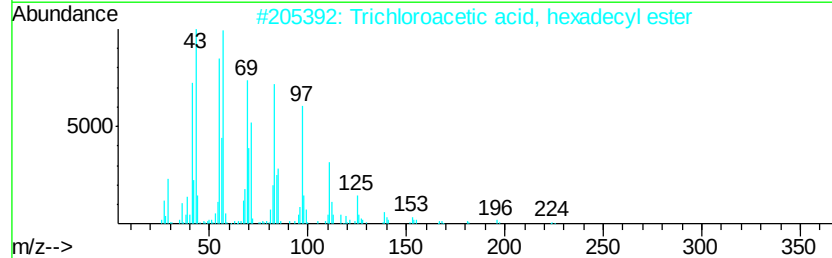
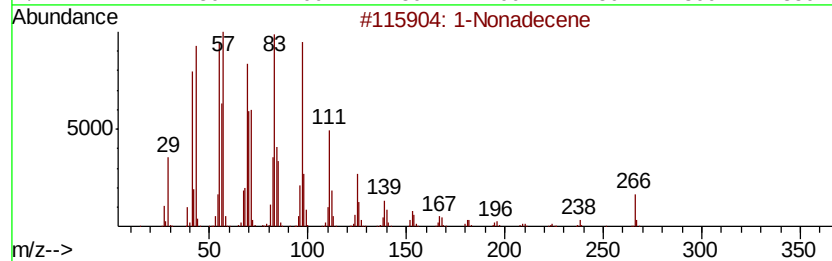
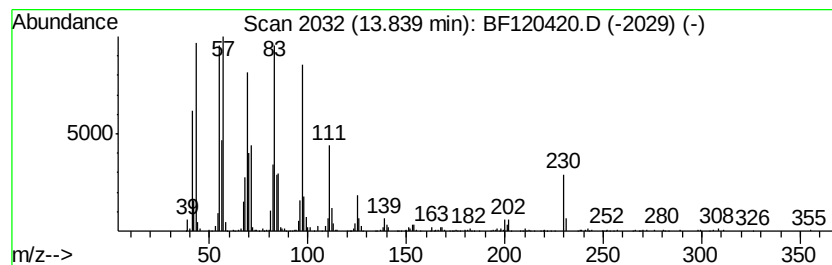
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Nonadecene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	11.18 ng	1256890	Chrysene-d12	13.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonadecene		266 C19H38	018435-45-5 97
2	Trichloroacetic acid, hexadecyl ...		386 C18H33Cl3O2	074339-54-1 94
3	Behenic alcohol		326 C22H46O	000661-19-8 93
4	1-Heneicosanol		312 C21H44O	015594-90-8 93
5	Nonadecyl pentafluoropropionate		430 C22H39F5O2	1000351-88-8 91



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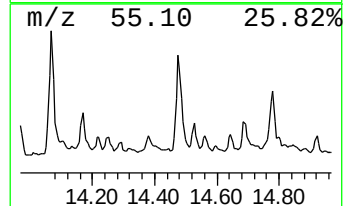
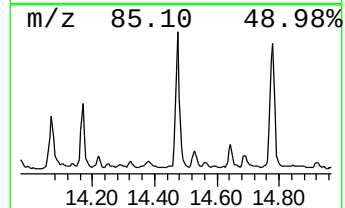
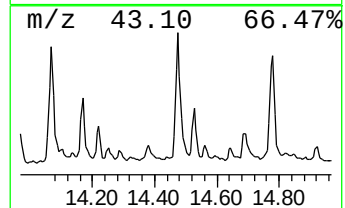
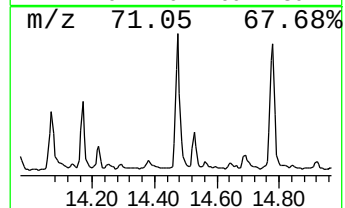
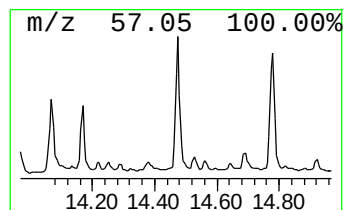
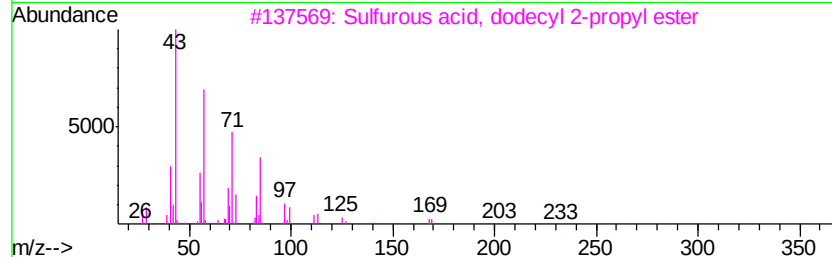
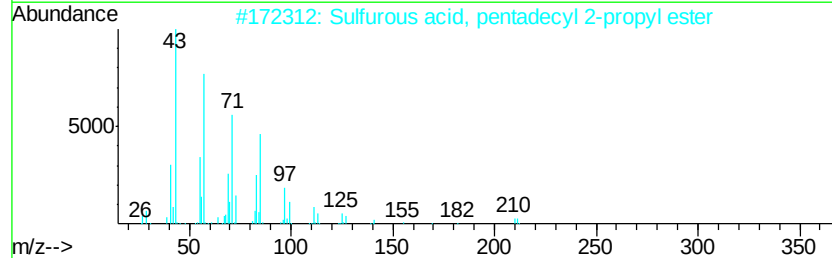
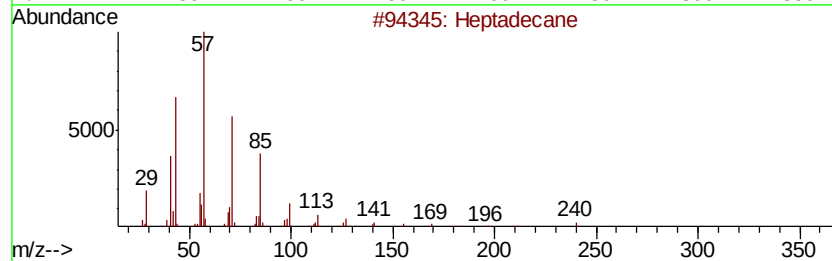
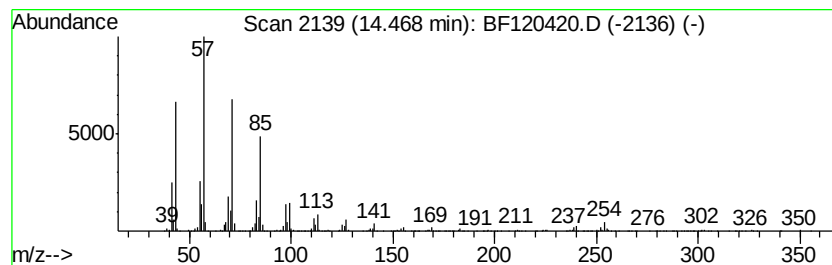
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	12.46 ng	1400500	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	96
2		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91
3		Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	91
4		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	91
5		Tritetracontane	605	C43H88	007098-21-7	87



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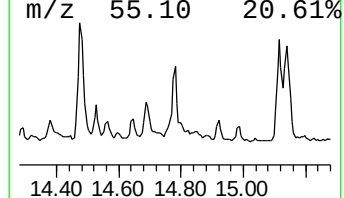
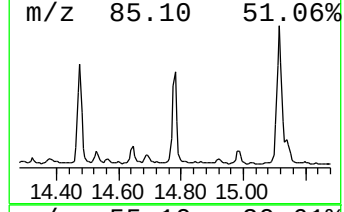
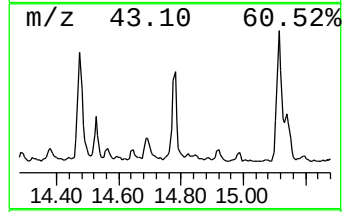
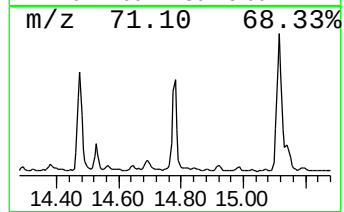
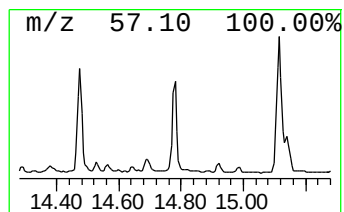
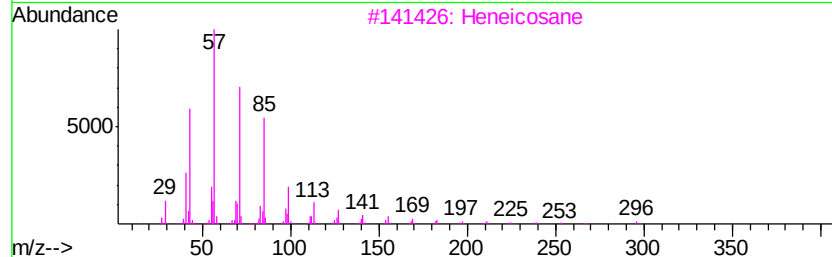
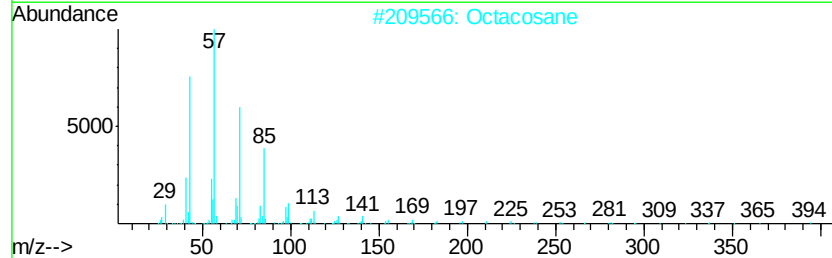
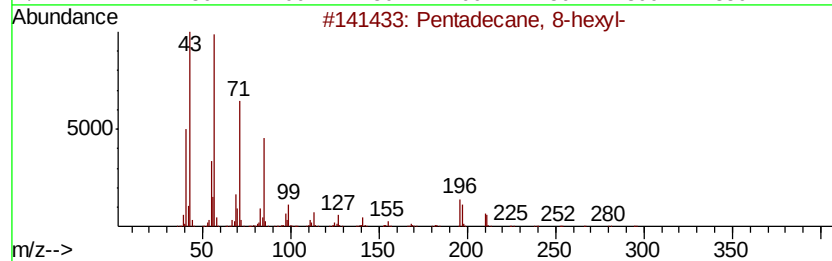
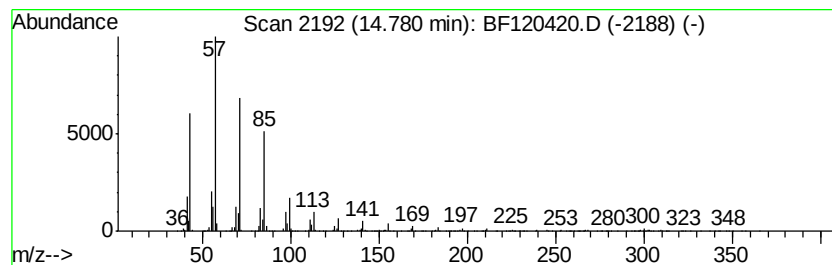
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane, 8-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	15.37 ng	1013310	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120420.D
Acq On : 28 May 2020 20:57
Operator : MA/SJ
Sample : L2745-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM22-COMP-2020-0-6

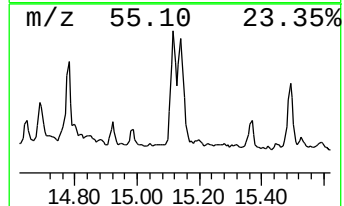
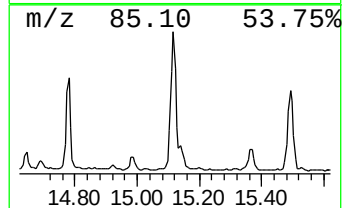
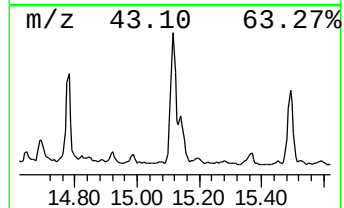
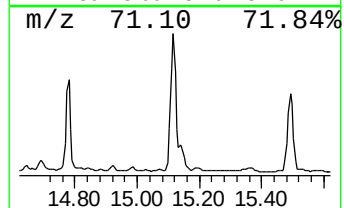
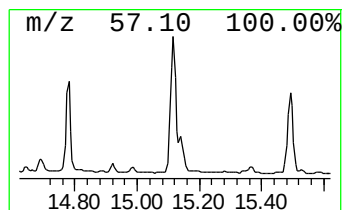
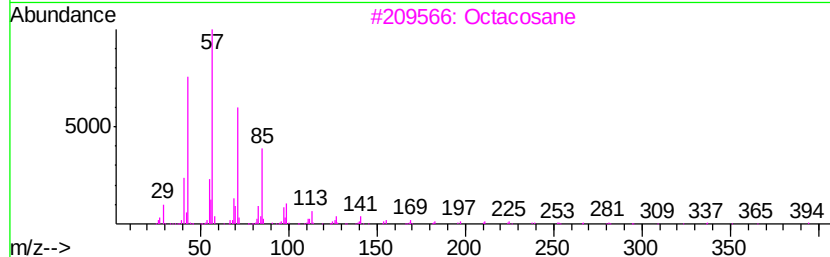
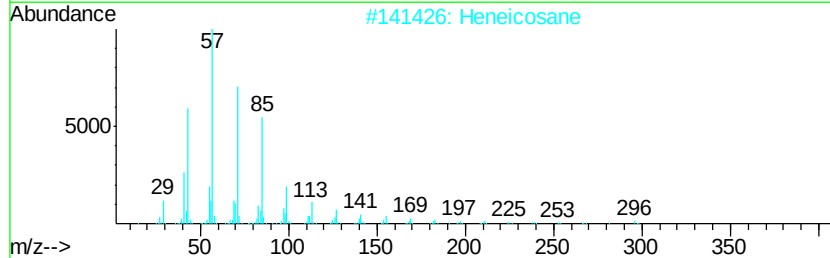
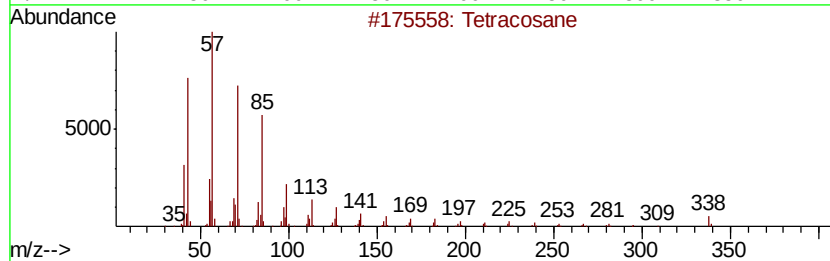
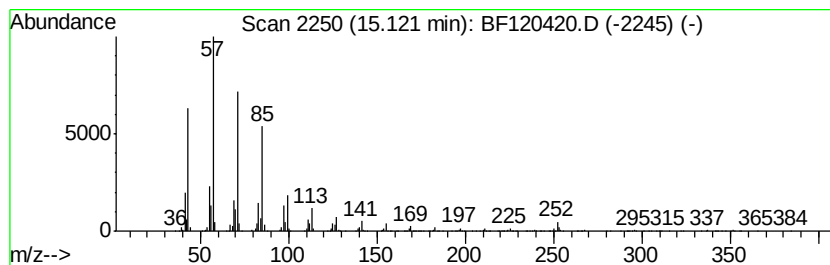
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	22.31 ng	1470510	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	96
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
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Sample : L2745-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

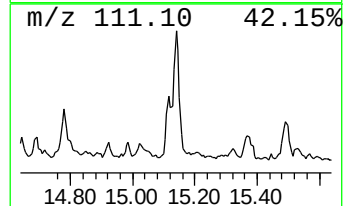
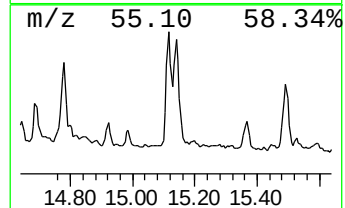
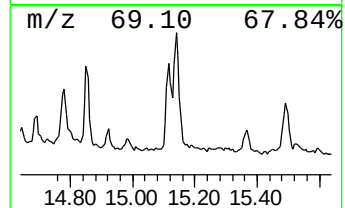
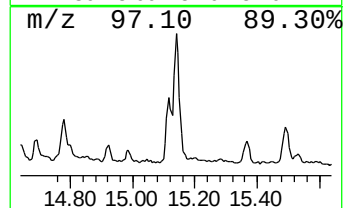
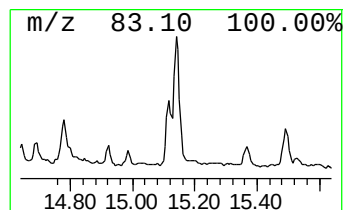
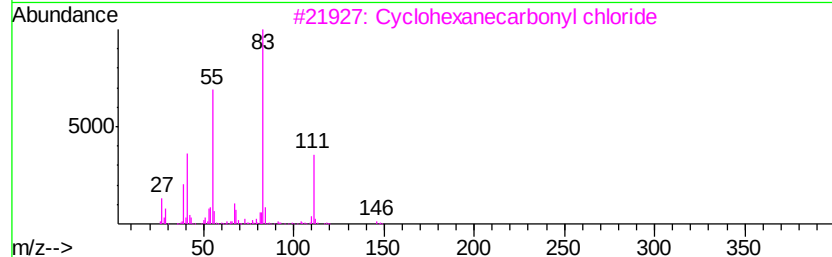
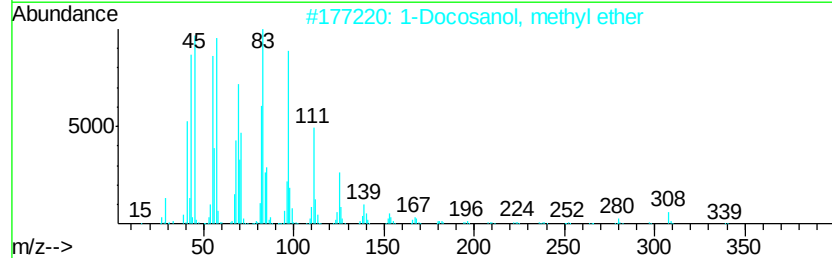
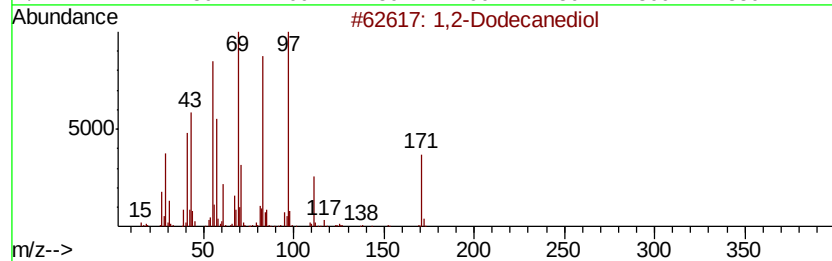
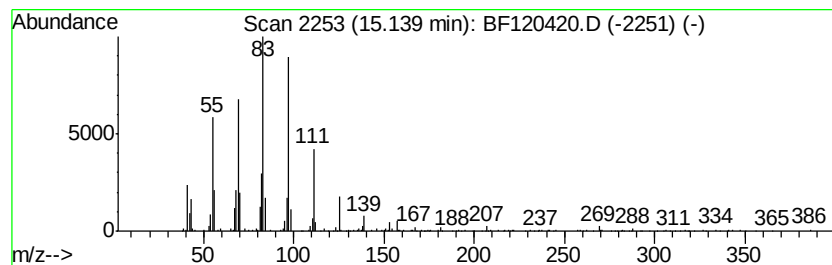
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown15.14 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.14	12.48 ng	822467	Perylene-d12	15.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dodecanediol	202	C12H26O2	001119-87-5	38
2	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	38
3	Cyclohexanecarbonyl chloride	146	C7H11ClO	002719-27-9	35
4	3-Amino-2-cyclohexenone	111	C6H9NO	005220-49-5	35
5	5-Amino-1-ethylpyrazole	111	C5H9N3	003528-58-3	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
 Data File : BF120420.D
 Acq On : 28 May 2020 20:57
 Operator : MA/SJ
 Sample : L2745-15
 Misc :
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Instrument :
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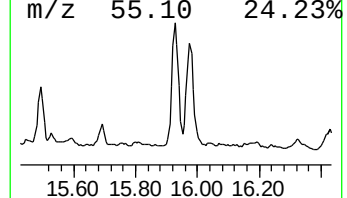
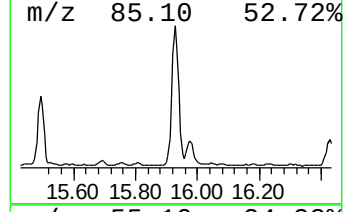
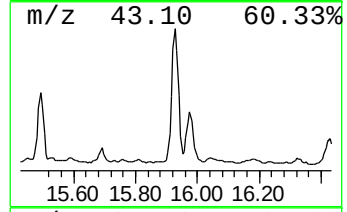
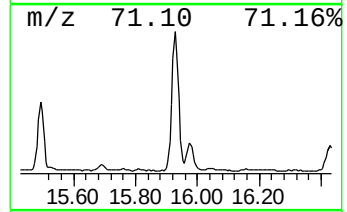
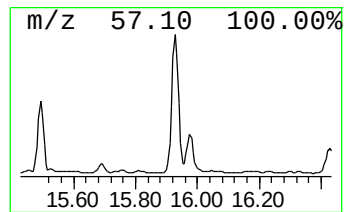
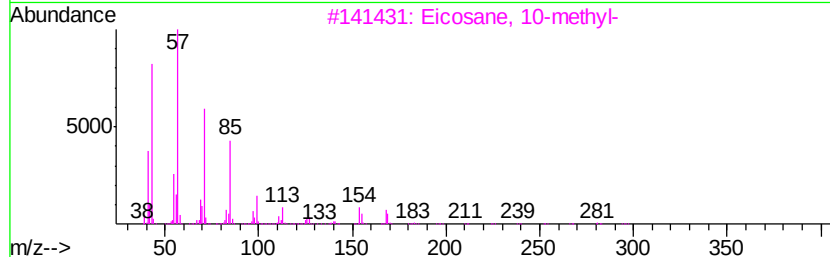
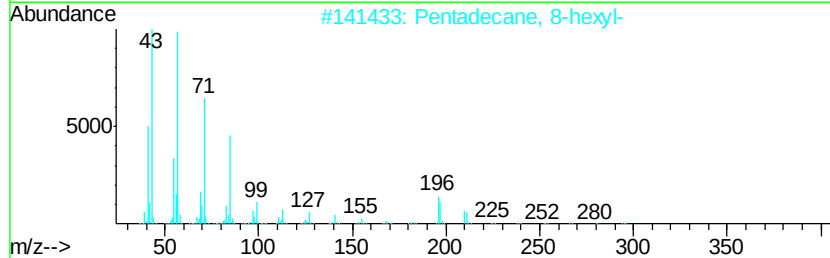
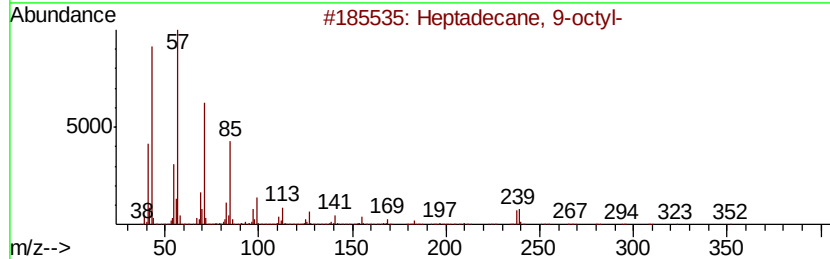
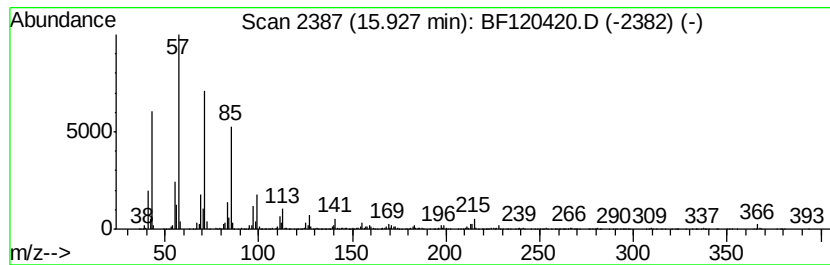
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 14 Heptadecane, 9-octyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	37.43 ng	2467530	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4		Heneicosane	296	C21H44	000629-94-7	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
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Acq On : 28 May 2020 20:57
Operator : MA/SJ
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Misc :
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ClientSampleId :
NM22-COMP-2020-0-6

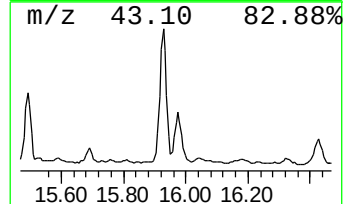
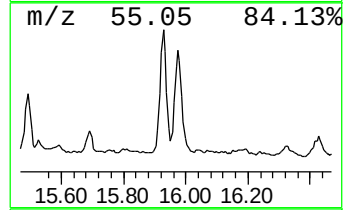
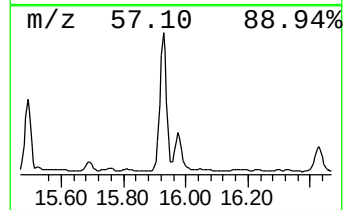
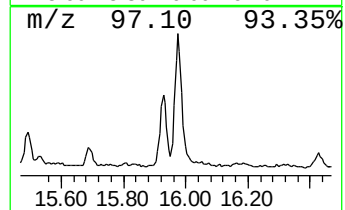
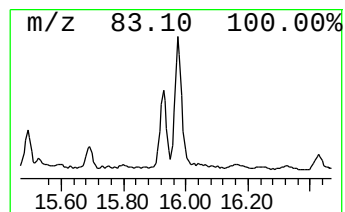
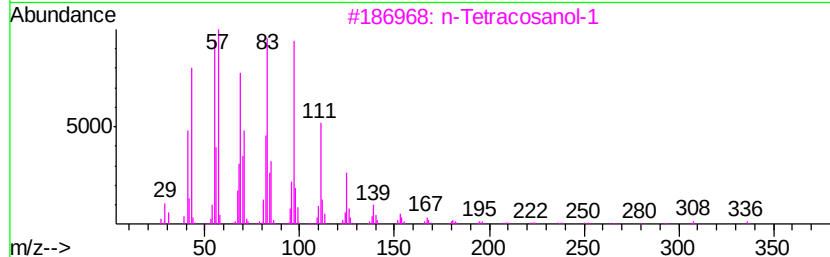
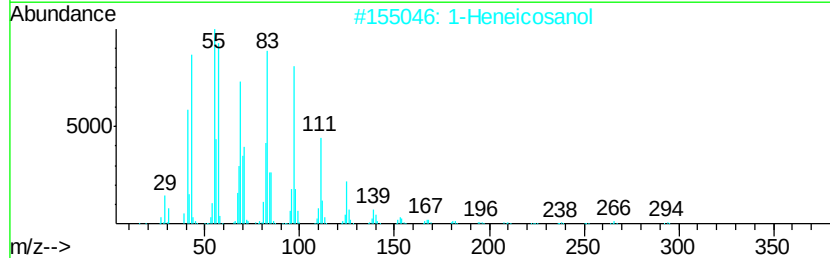
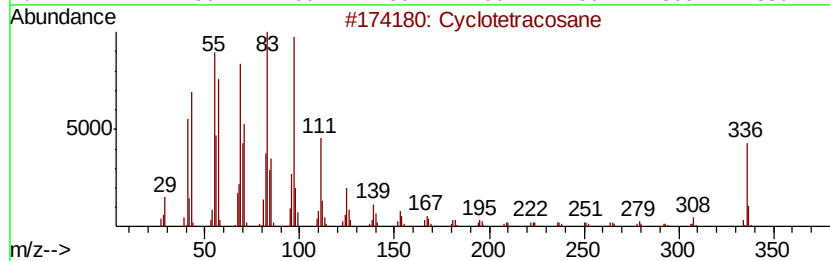
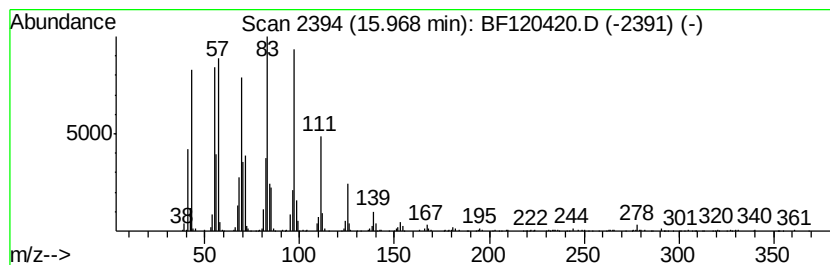
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclotetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	19.40 ng	1278520	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	98
2		1-Heneicosanol	312	C21H44O	015594-90-8	95
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4		1-Docosene	308	C22H44	001599-67-3	81
5		Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120420.D
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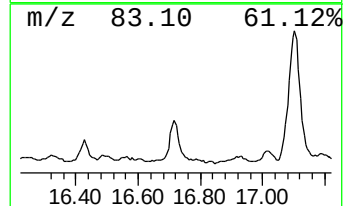
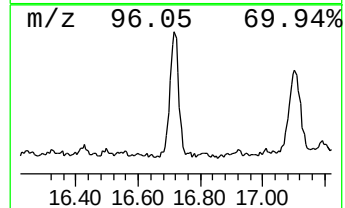
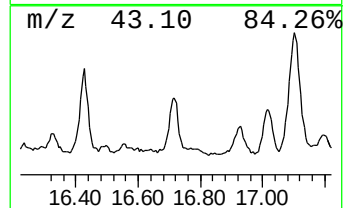
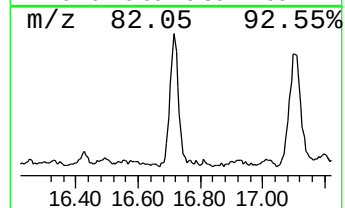
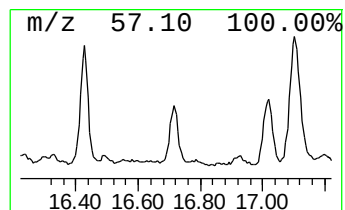
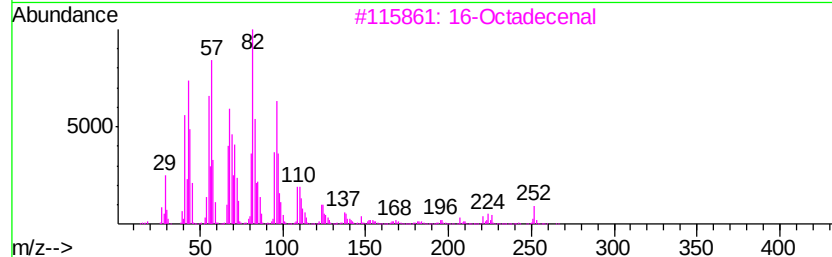
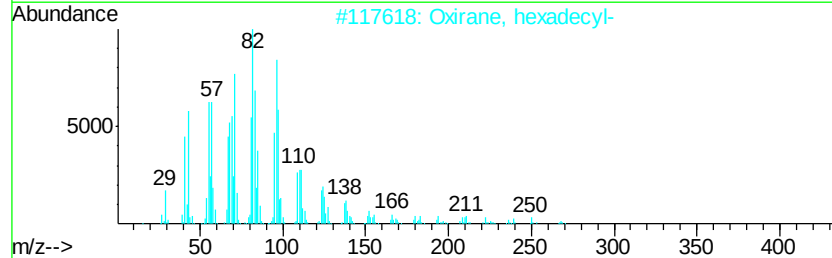
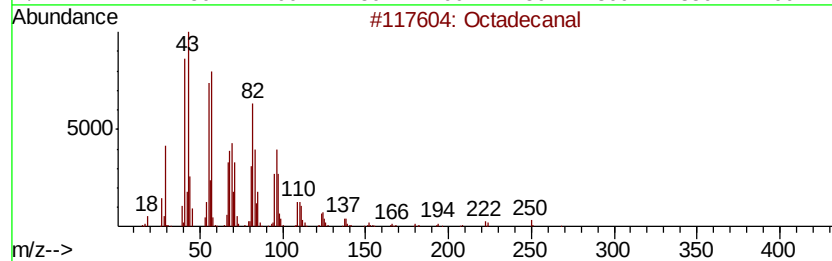
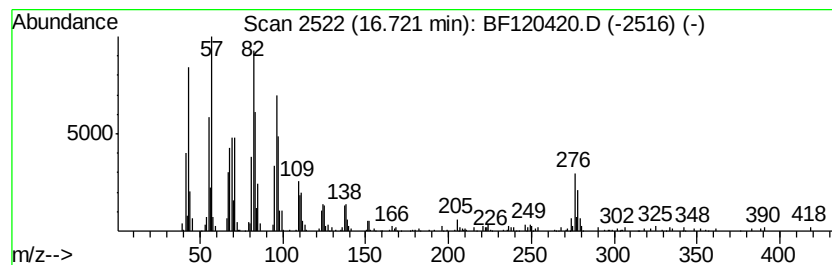
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecanal Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	7.68 ng	506147	Perylene-d12	15.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octadecanal	268 C18H36O	000638-66-4 93
2		Oxirane, hexadecyl-	268 C18H36O	007390-81-0 93
3		16-Octadecenal	266 C18H34O	056554-87-1 93
4		17-Octadecenal	266 C18H34O	056554-86-0 90
5		9-Octadecen-1-ol, (Z)-	268 C18H36O	000143-28-2 86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120420.D
Acq On : 28 May 2020 20:57
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Instrument :
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ClientSampleId :
NM22-COMP-2020-0-6

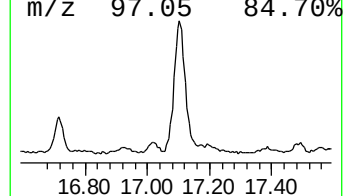
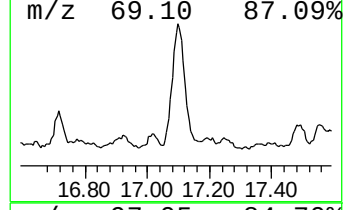
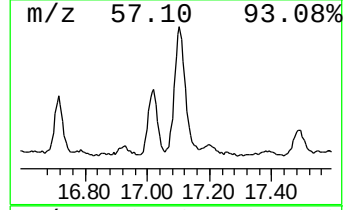
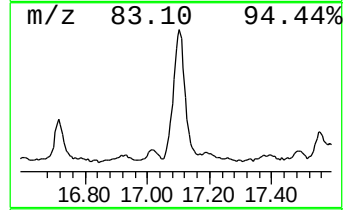
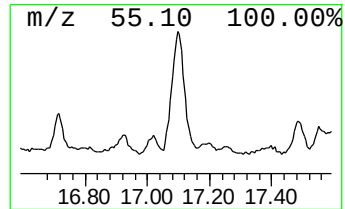
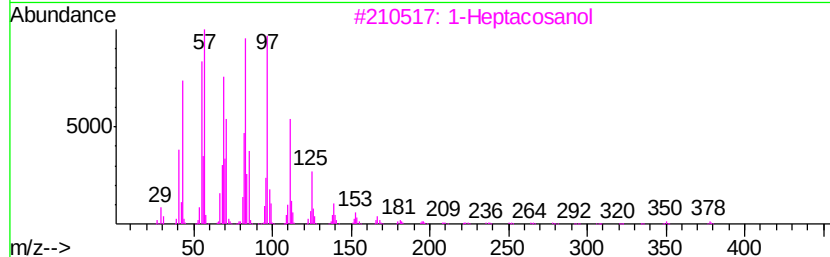
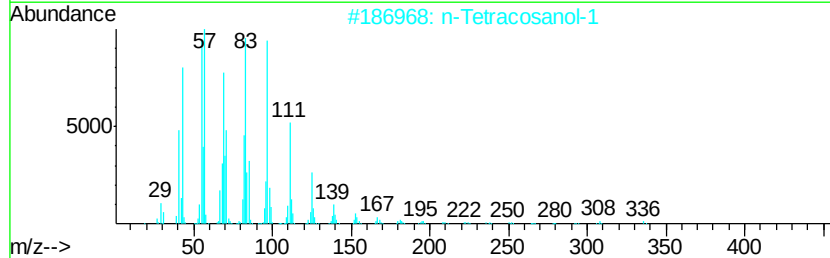
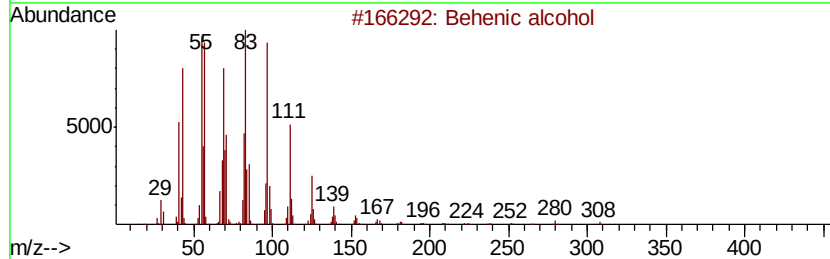
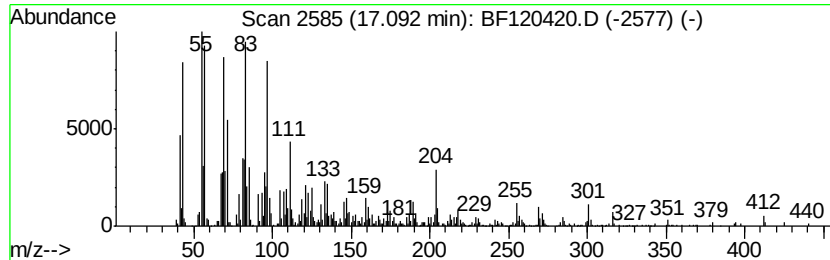
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	36.50 ng	2406010	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Behenic alcohol	326	C22H46O	000661-19-8	90
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	90
3		1-Heptacosanol	396	C27H56O	002004-39-9	78
4		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	74
5		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
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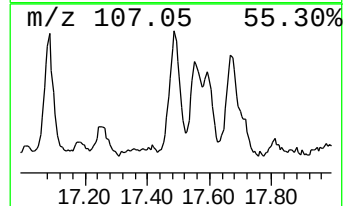
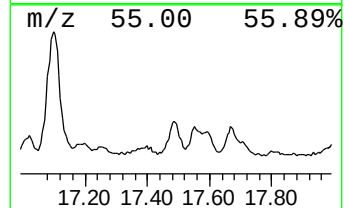
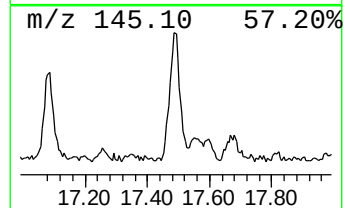
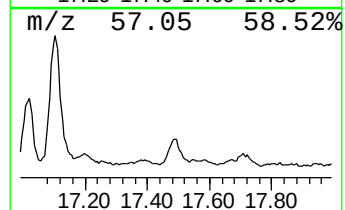
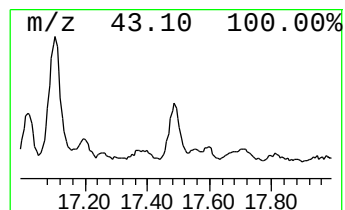
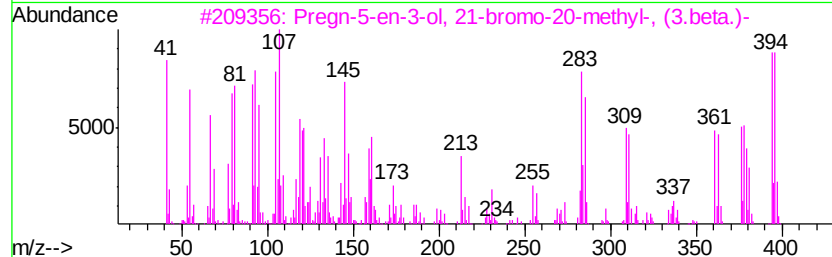
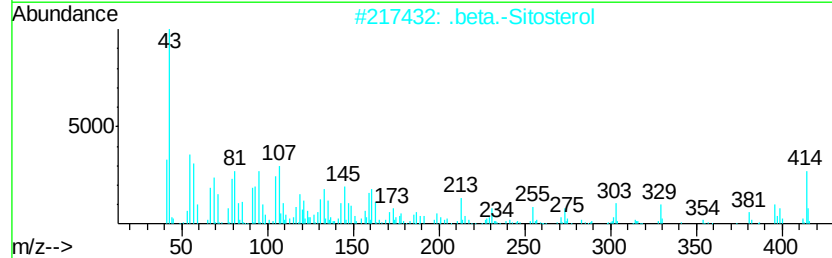
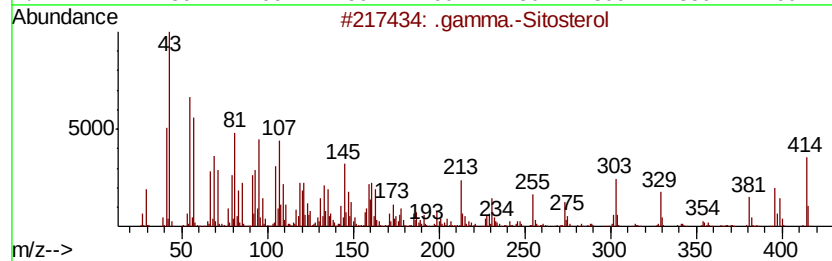
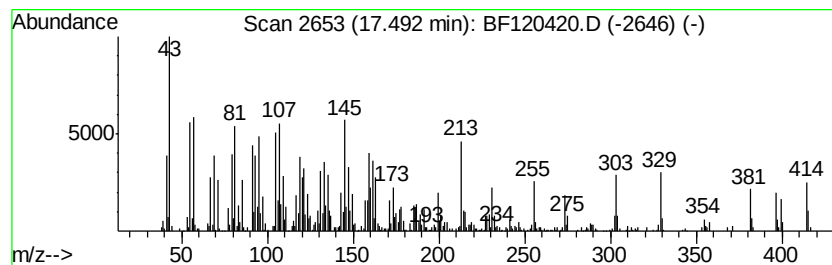
Instrument :
BNA_F
ClientSampleId :
NM22-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 .gamma.-Sitosterol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	14.67 ng	967019	Perylene-d12	15.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.gamma.-Sitosterol	414 C29H50O	000083-47-6 99
2		.beta.-Sitosterol	414 C29H50O	000083-46-5 93
3		Pregn-5-en-3-ol, 21-bromo-20-met...	394 C22H35BrO	055103-80-5 93
4		Ergost-5-en-3-ol, (3.beta.)-	400 C28H48O	004651-51-8 49
5		Campesterol	400 C28H48O	000474-62-4 46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120420.D
Acq On : 28 May 2020 20:57
Operator : MA/SJ
Sample : L2745-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

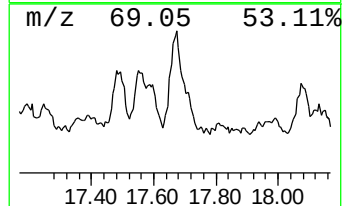
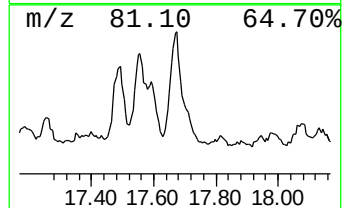
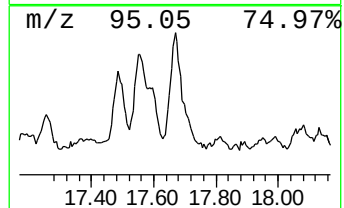
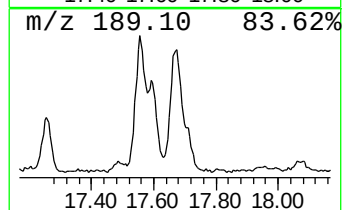
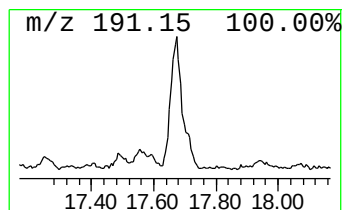
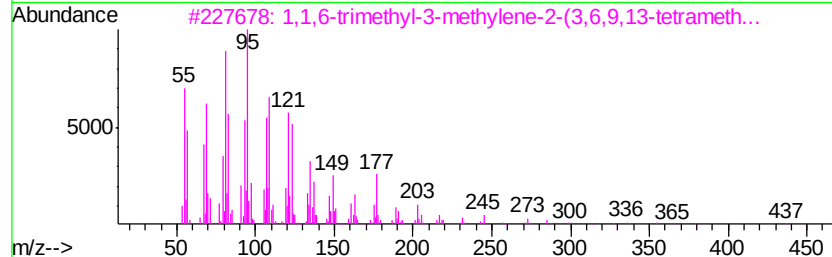
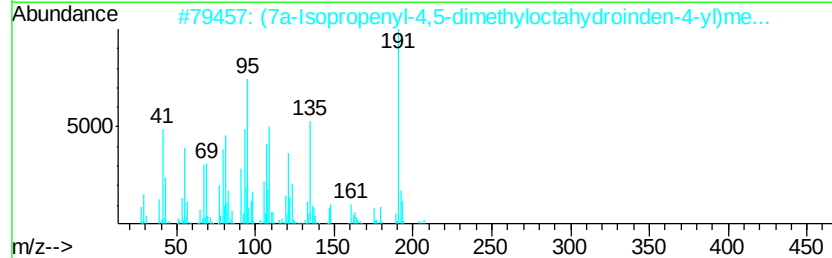
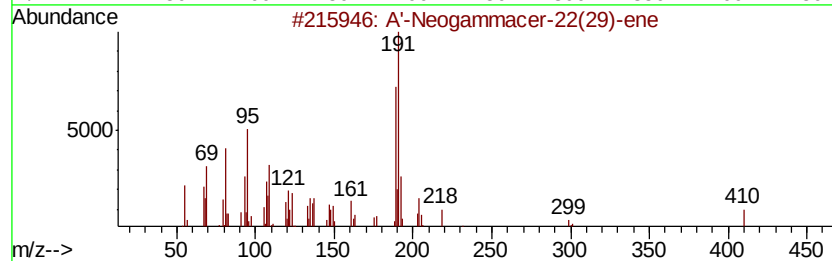
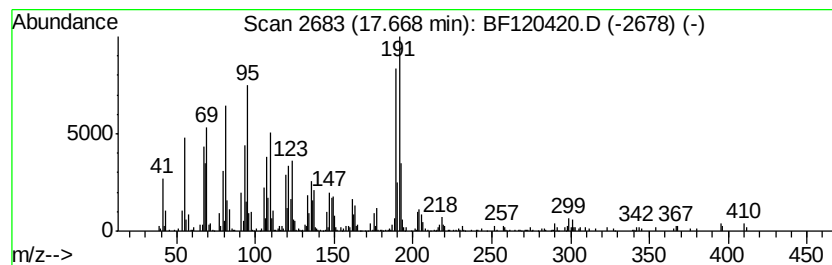
Instrument :
BNA_F
ClientSampleId :
NM22-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 A'-Neogammacer-22(29)-ene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	10.69 ng	704591	Perylene-d12	15.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	A'-Neogammacer-22(29)-ene	410 C30H50	001615-91-4	94
2	(7a-Isopropenyl-4,5-dimethylocta...	222 C15H26O	1000187-02-9	49
3	1,1,6-trimethyl-3-methylene-2-(3...	452 C33H56	1000373-94-5	41
4	9-Methyltetracyclo[7.3.1.0(2.7)...	204 C15H24	1000215-30-5	30
5	Indole-2-carboxylic acid, 6-meth...	191 C10H9NO3	016732-73-3	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120420.D
Acq On : 28 May 2020 20:57
Operator : MA/SJ
Sample : L2745-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NM22-COMP-2020-0-6

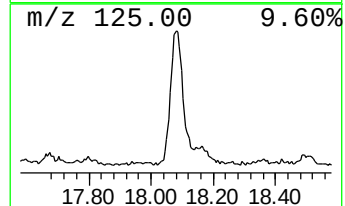
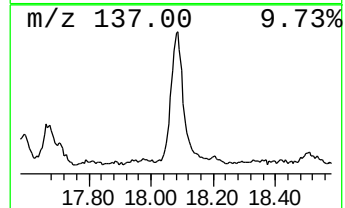
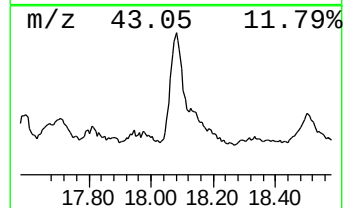
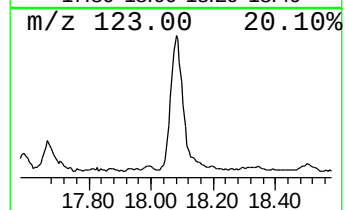
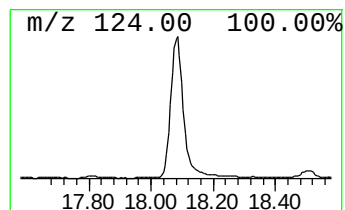
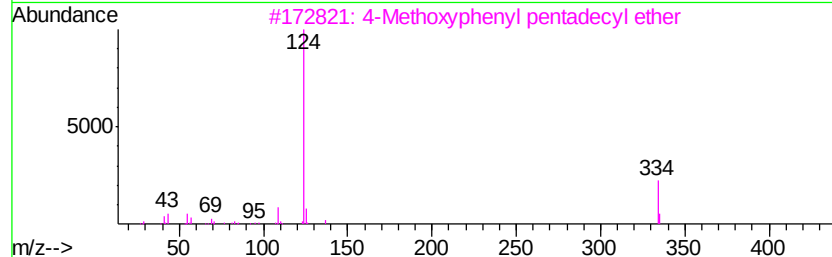
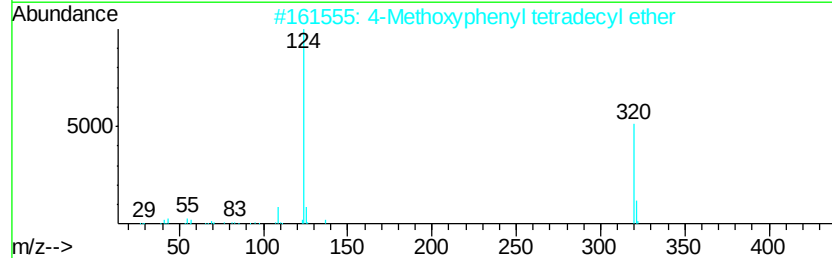
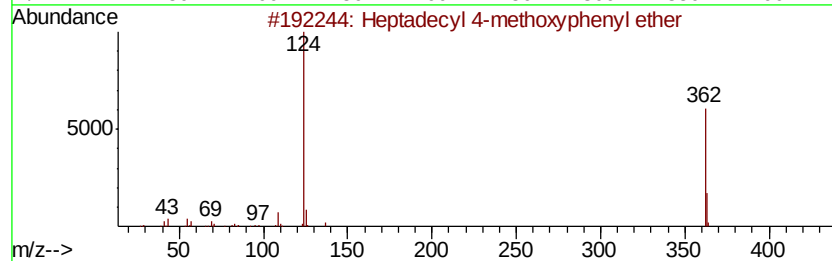
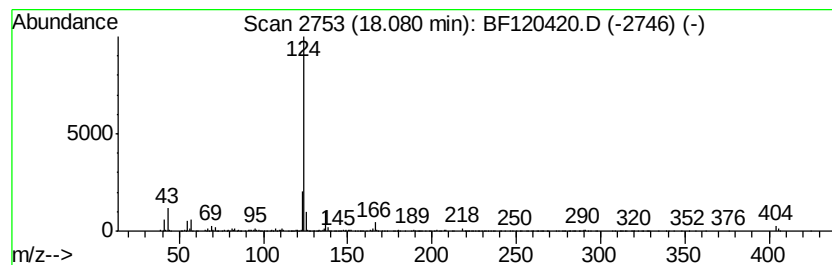
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecyl 4-methoxyphenyl ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	18.02 ng	1187980	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl 4-methoxyphenyl ether	362	C24H42O2	1000323-11-1	58
2		4-Methoxyphenyl tetradecyl ether	320	C21H36O2	1000323-10-8	58
3		4-Methoxyphenyl pentadecyl ether	334	C22H38O2	1000323-10-9	58
4		1,3-Benzenediol, 5-hexyl-	194	C12H18O2	005465-20-3	56
5		1,3-Benzenediol, 5-pentyl-	180	C11H16O2	000500-66-3	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
 Data File : BF120420.D
 Acq On : 28 May 2020 20:57
 Operator : MA/SJ
 Sample : L2745-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM22-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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
Methylene chloride	1.96	11.5	ng	1011290	1	6.84	1761880	20.0
Butane, 2-methoxy...	2.12	14.9	ng	1310090	1	6.84	1761880	20.0
unknown8.83	8.83	14.2	ng	1467500	2	8.12	2070620	20.0
unknown11.09	11.09	11.3	ng	1102190	4	11.36	1950200	20.0
9-Hexadecenoic acid	11.82	8.8	ng	862076	4	11.36	1950200	20.0
n-Hexadecanoic acid	11.90	25.3	ng	2467280	4	11.36	1950200	20.0
Octadecanoic acid	12.67	11.7	ng	1141910	4	11.36	1950200	20.0
1-Nonadecene	13.84	11.2	ng	1256890	5	13.99	2248550	20.0
Heptadecane	14.47	12.5	ng	1400500	5	13.99	2248550	20.0
Pentadecane, 8-he...	14.78	15.4	ng	1013310	6	15.45	1318310	20.0
Tetracosane	15.12	22.3	ng	1470510	6	15.45	1318310	20.0
unknown15.14	15.14	12.5	ng	822467	6	15.45	1318310	20.0
Heptadecane, 9-oc...	15.93	37.4	ng	2467530	6	15.45	1318310	20.0
Cyclotetradecane	15.97	19.4	ng	1278520	6	15.45	1318310	20.0
Octadecanal	16.72	7.7	ng	506147	6	15.45	1318310	20.0
Behenic alcohol	17.09	36.5	ng	2406010	6	15.45	1318310	20.0
.gamma.-Sitosterol	17.49	14.7	ng	967019	6	15.45	1318310	20.0
A'-Neogammacer-22...	17.67	10.7	ng	704591	6	15.45	1318310	20.0
Heptadecyl 4-meth...	18.08	18.0	ng	1187980	6	15.45	1318310	20.0