

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121407.D
 Acq On : 24 Aug 2020 19:25
 Operator : JU/CG
 Sample : L3706-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

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-BF081920.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	2.181	4	16	19	rBV	2342741	5561968	8.53%	1.165%
2	3.040	153	162	176	rVB	721042	1395332	2.14%	0.292%
3	4.269	365	371	378	rBV2	630069	1200143	1.84%	0.251%
4	4.416	385	396	399	rBV	1774107	3803238	5.83%	0.797%
5	5.322	546	550	560	rVB	615462	1048675	1.61%	0.220%
6	5.675	599	610	624	rVB2	2374658	4973268	7.63%	1.042%
7	6.451	737	742	746	rVB	1099342	1146351	1.76%	0.240%
8	6.663	760	778	779	rVB	589291	2167028	3.32%	0.454%
9	6.698	779	784	791	rVB	1071154	1011942	1.55%	0.212%
10	6.822	791	805	806	rBV	4952260	17556244	26.92%	3.678%
11	7.140	856	859	864	rVB	901627	861966	1.32%	0.181%
12	7.240	869	876	878	rBV	895667	984481	1.51%	0.206%
13	7.275	878	882	885	rVB	1967742	2204555	3.38%	0.462%
14	7.698	892	954	955	rBV	3291515	32112633	49.24%	6.728%
15	8.304	1039	1057	1058	rBV2	4787474	22535095	34.56%	4.721%
16	8.328	1058	1061	1063	rVB	3983733	4063429	6.23%	0.851%
17	8.545	1093	1098	1100	rVV	1080806	1302738	2.00%	0.273%
18	8.581	1102	1104	1113	rVB	721237	748217	1.15%	0.157%
19	9.069	1162	1187	1189	rBV	4458989	15553622	23.85%	3.259%
20	9.187	1197	1207	1209	rVV2	1835145	3119639	4.78%	0.654%
21	9.575	1270	1273	1280	rVV3	1856278	2742209	4.21%	0.575%
22	9.675	1287	1290	1294	rVB	896944	888082	1.36%	0.186%
23	9.739	1294	1301	1306	rBV	864402	1700302	2.61%	0.356%
24	9.881	1314	1325	1326	rBV3	585465	1065294	1.63%	0.223%
25	9.910	1326	1330	1333	rVB	3592039	3693826	5.66%	0.774%
26	10.081	1345	1359	1361	rBV	3125315	9422912	14.45%	1.974%
27	10.551	1433	1439	1440	rVV2	1585501	2677648	4.11%	0.561%
28	10.569	1440	1442	1450	rVB	833233	1312032	2.01%	0.275%
29	10.639	1451	1454	1459	rBV	549729	729272	1.12%	0.153%
30	10.881	1493	1495	1499	rVB	5377153	4789143	7.34%	1.003%
31	10.963	1507	1509	1514	rBV	1520610	2723961	4.18%	0.571%
32	11.039	1515	1522	1524	rVV	2020178	3744645	5.74%	0.785%
33	11.180	1531	1546	1550	rVV	6396656	24646191	37.79%	5.164%
34	11.239	1553	1556	1559	rVB	1115272	1093445	1.68%	0.229%

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

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35	11.310	1564	1568	1573	rBV	1050998	1440013	2.21%	0.302%
36	11.433	1582	1589	1594	rBV2	380602	781027	1.20%	0.164%
37	11.522	1600	1604	1607	rBV	1165410	1102497	1.69%	0.231%
38	11.680	1628	1631	1634	rBV	1721931	1657050	2.54%	0.347%
39	11.722	1634	1638	1642	rVV	822443	1478424	2.27%	0.310%
40	11.916	1642	1671	1673	rVV7	4533359	31278689	47.96%	6.553%
41	11.975	1673	1681	1686	rVV3	4115226	12120176	18.59%	2.539%
42	12.104	1700	1703	1707	rVB	717032	732088	1.12%	0.153%
43	12.233	1720	1725	1728	rBV	677763	862980	1.32%	0.181%
44	12.292	1728	1735	1737	rVV3	739174	1306909	2.00%	0.274%
45	12.322	1737	1740	1742	rVV	2108269	2093583	3.21%	0.439%
46	12.345	1742	1744	1750	rVV2	582444	1146046	1.76%	0.240%
47	12.510	1765	1772	1780	rBV4	1999965	6946212	10.65%	1.455%
48	12.639	1781	1794	1799	rVV6	3649944	14585985	22.37%	3.056%
49	12.727	1803	1809	1812	rVV	3608643	7280781	11.16%	1.525%
50	12.769	1812	1816	1820	rVV	3734650	5505737	8.44%	1.154%
51	12.816	1820	1824	1827	rVV	2337615	2651755	4.07%	0.556%
52	12.857	1827	1831	1836	rVB2	2965017	3994462	6.13%	0.837%
53	12.969	1847	1850	1855	rVB	714851	757715	1.16%	0.159%
54	13.045	1860	1863	1868	rVB	1220540	1398166	2.14%	0.293%
55	13.139	1873	1879	1881	rBV	3909754	5677925	8.71%	1.190%
56	13.227	1892	1894	1897	rVB	957544	706022	1.08%	0.148%
57	13.386	1918	1921	1925	rVB	1400190	1306556	2.00%	0.274%
58	13.486	1933	1938	1941	rBV	3807950	5070045	7.77%	1.062%
59	13.539	1943	1947	1949	rVV	1805396	1713070	2.63%	0.359%
60	13.722	1973	1978	1982	rVB	3204736	3876861	5.94%	0.812%
61	13.827	1991	1996	1999	rBV	3688312	4574925	7.02%	0.958%
62	13.869	2000	2003	2008	rVV2	1469503	1653726	2.54%	0.346%
63	14.127	2044	2047	2052	rBV3	524015	1063843	1.63%	0.223%
64	14.192	2054	2058	2062	rVB	1469986	1617517	2.48%	0.339%
65	14.263	2067	2070	2073	rVV	790933	801493	1.23%	0.168%
66	14.339	2078	2083	2086	rVV	3377281	3914425	6.00%	0.820%
67	14.392	2088	2092	2096	rVB	1186791	1423275	2.18%	0.298%
68	14.616	2125	2130	2134	rVB	2299504	2712657	4.16%	0.568%
69	14.739	2146	2151	2156	rVB	2509578	3771421	5.78%	0.790%
70	14.916	2177	2181	2184	rBV	713941	863359	1.32%	0.181%
71	14.998	2184	2195	2209	rVB3	3678834	10862766	16.66%	2.276%

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72	15.257	2235	2239	2250	rVB2	1881641	3399822	5.21%	0.712%
73	15.780	2322	2328	2344	rVB	1582512	3960579	6.07%	0.830%
74	16.304	2376	2417	2436	rVB	6670685	65212283	100.00%	13.663%
75	16.827	2498	2506	2527	rVB	1747064	6662629	10.22%	1.396%
76	18.057	2671	2715	2718	rBV2	3997268	46695113	71.60%	9.783%
77	18.727	2812	2829	2847	rVV3	2714744	13402601	20.55%	2.808%
78	18.886	2850	2856	2867	rVB2	909898	2662635	4.08%	0.558%

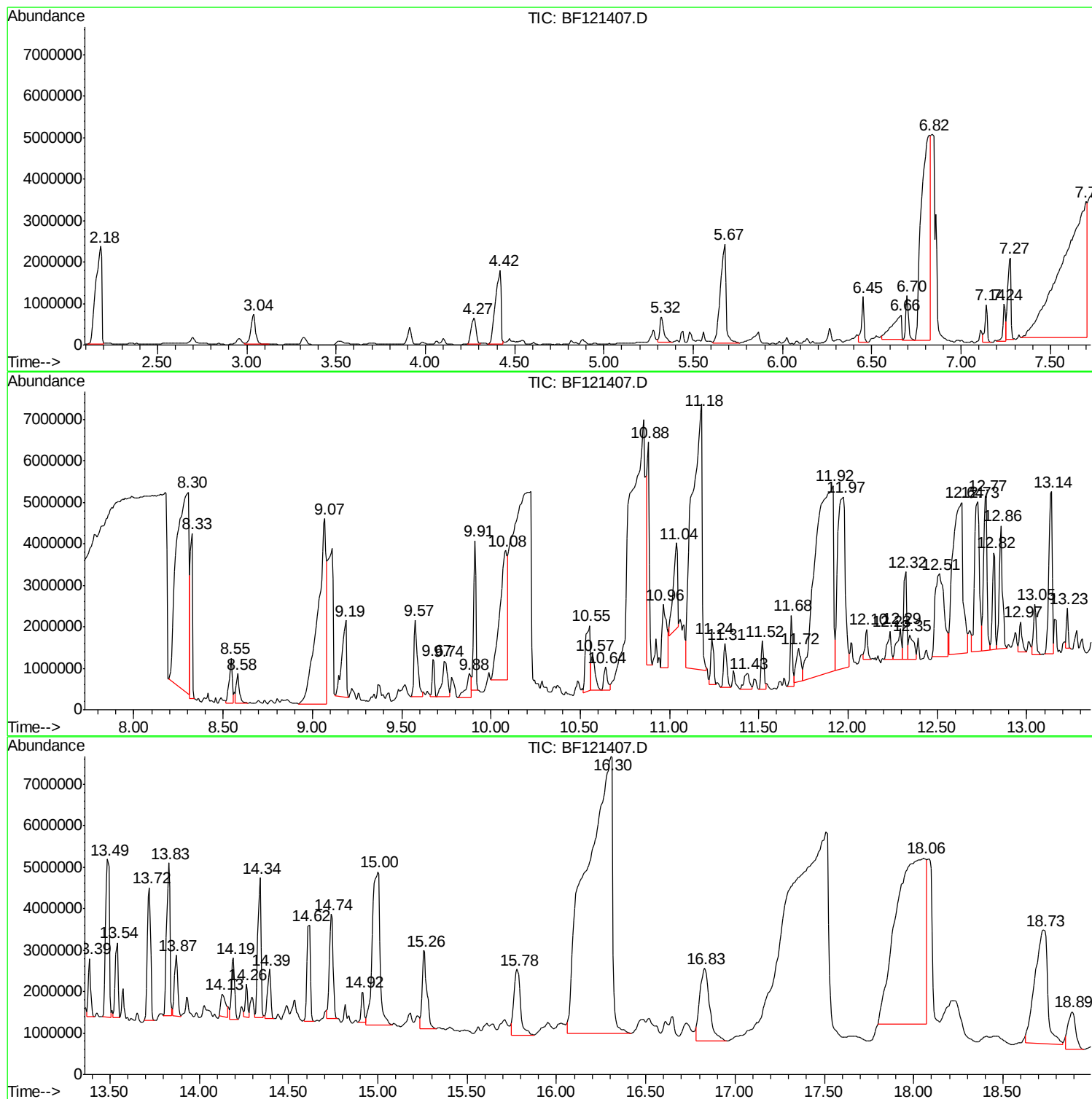
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Instrument :
BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
BNA_F
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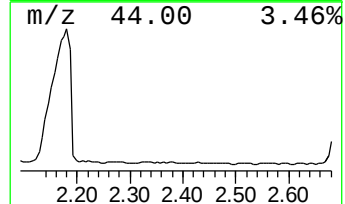
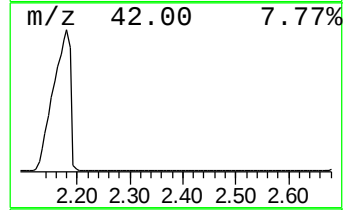
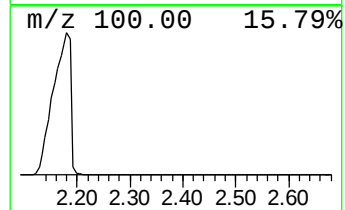
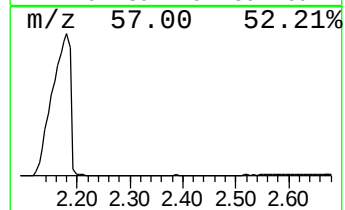
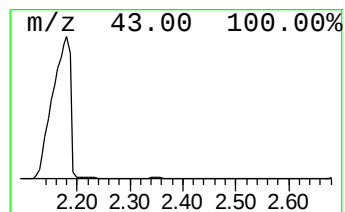
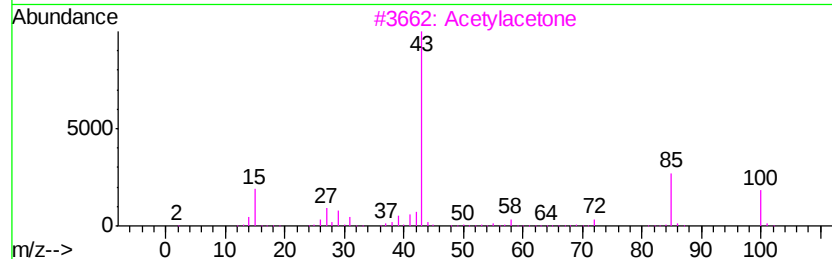
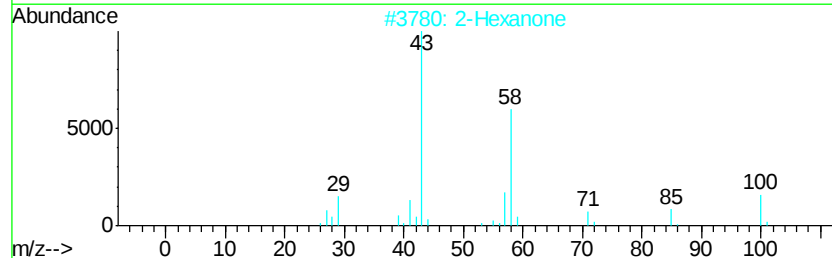
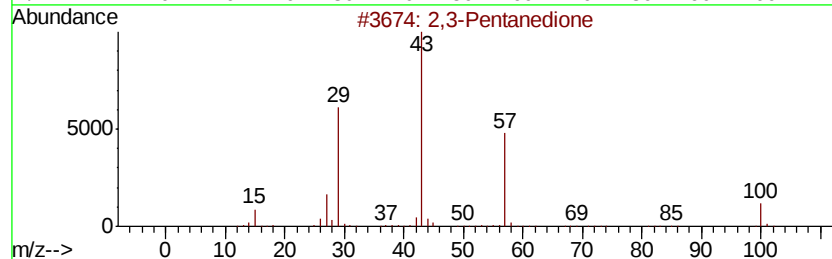
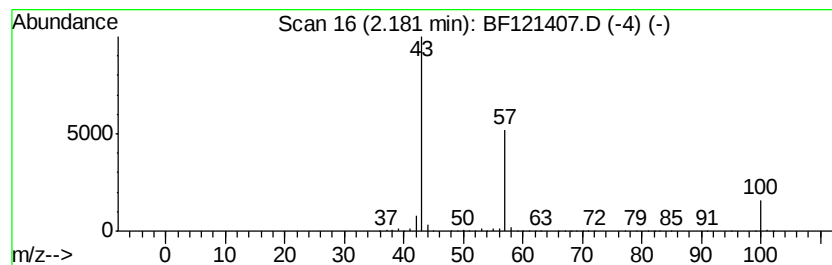
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2,3-Pentanedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	109.93 ng	5561970	1,4-Dichlorobenzene-d4	6.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,3-Pentanedione	100	C5H8O2	000600-14-6	64
2			2-Hexanone	100	C6H12O	000591-78-6	38
3			Acetylacetone	100	C5H8O2	000123-54-6	36
4			3-Hexanone	100	C6H12O	000589-38-8	9
5			Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	9



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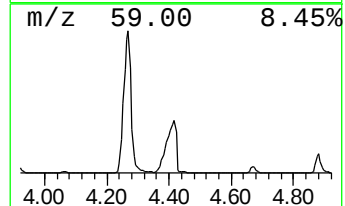
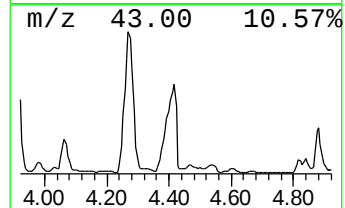
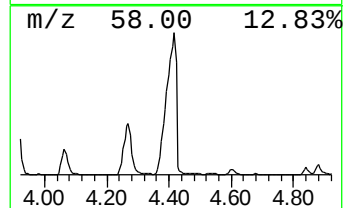
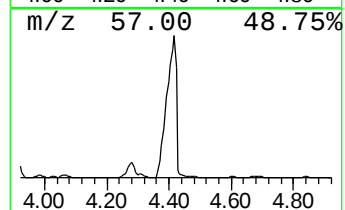
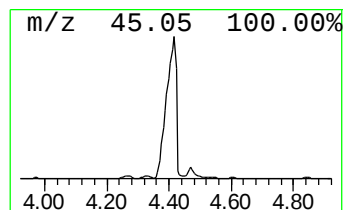
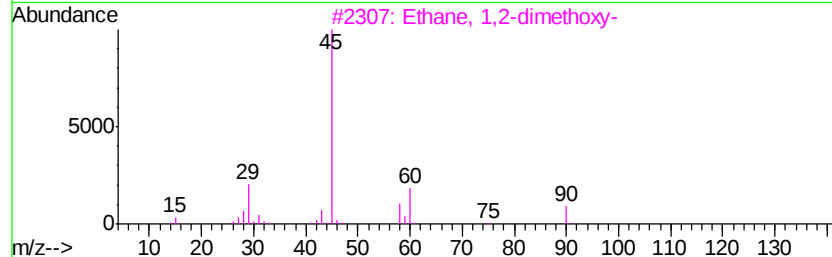
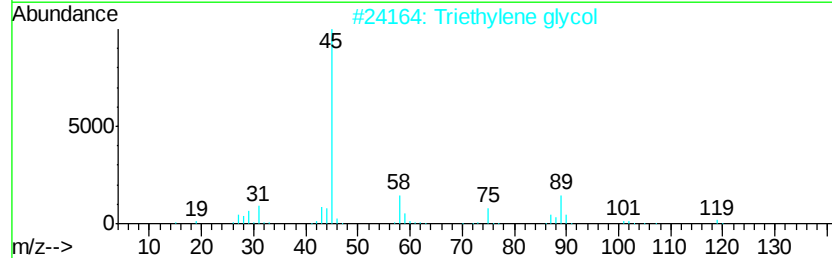
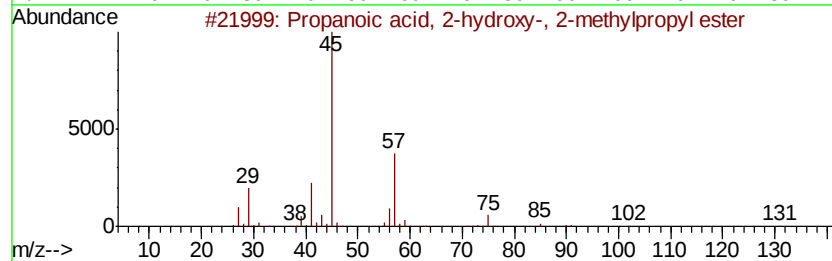
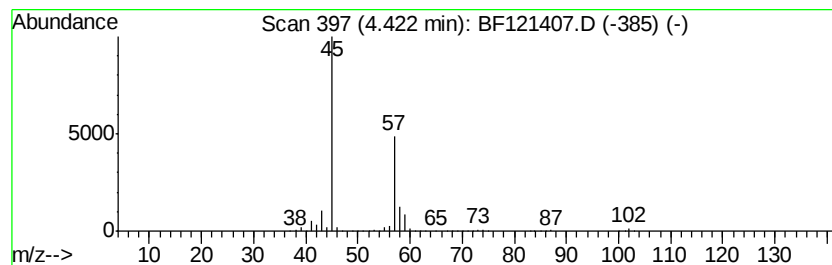
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Propanoic acid, 2-hydroxy-,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	75.17 ng	3803240	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	64
2		Triethylene glycol	150	C6H14O4	000112-27-6	56
3		Ethane, 1,2-dimethoxy-	90	C4H10O2	000110-71-4	39
4		Isopropyl Alcohol	60	C3H8O	000067-63-0	30
5		2-Hydroxy-3-pentanone	102	C5H10O2	005704-20-1	9



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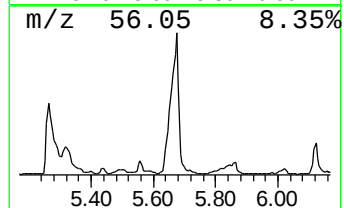
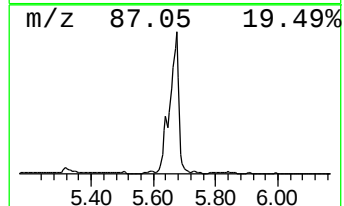
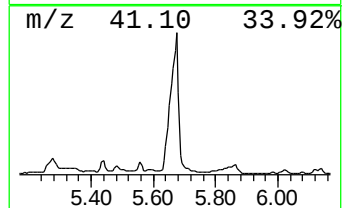
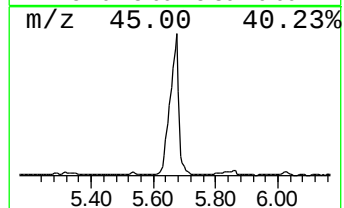
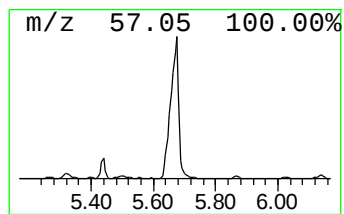
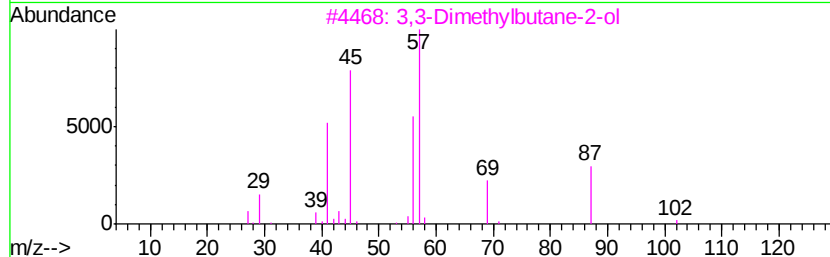
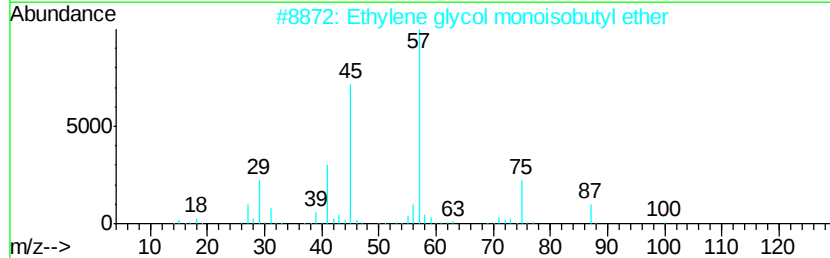
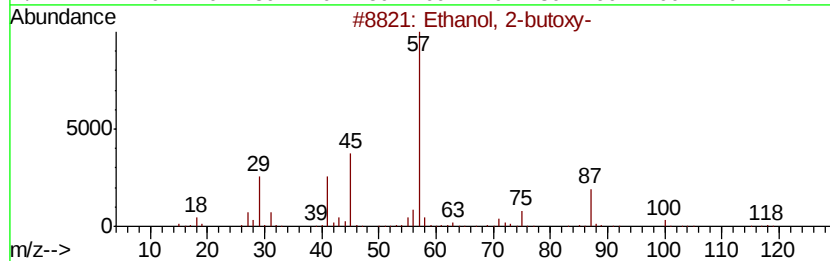
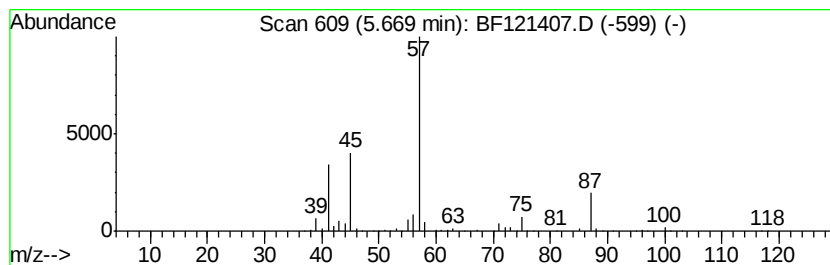
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethanol, 2-butoxy- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.67	98.29 ng	4973270	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2		Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	53
3		3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	33
4		n-Butyl ether	130	C8H18O	000142-96-1	25
5		Formic acid, 3,3-dimethylbut-2-y...	130	C7H14O2	1000368-20-5	25



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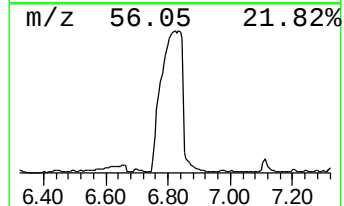
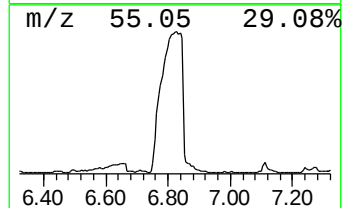
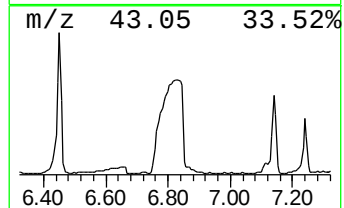
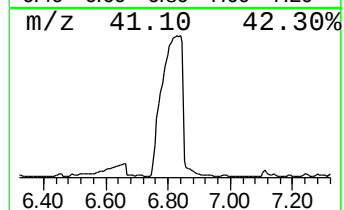
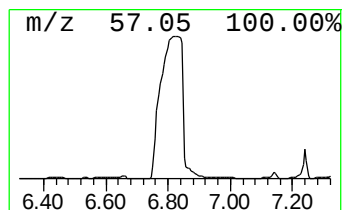
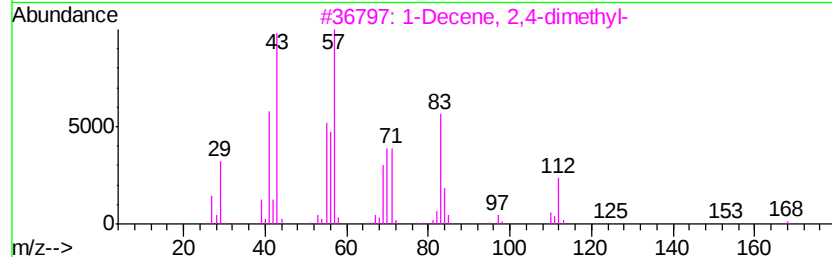
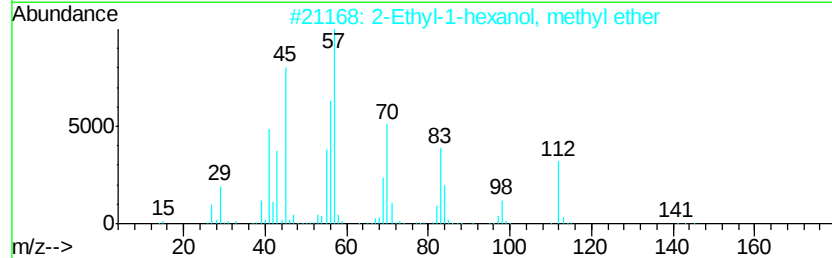
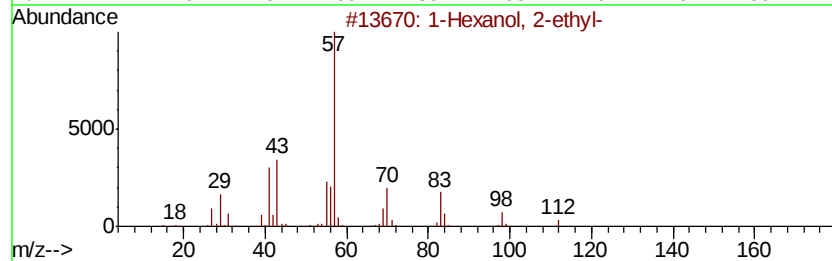
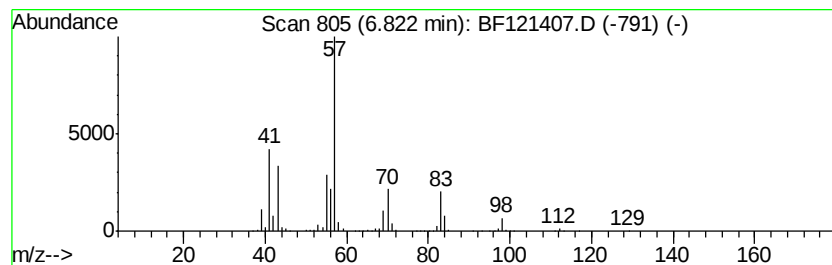
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	346.98 ng	17556200	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2		2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	50
3		1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	50
4		1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50
5		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121407.D
Acq On : 24 Aug 2020 19:25
Operator : JU/CG
Sample : L3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

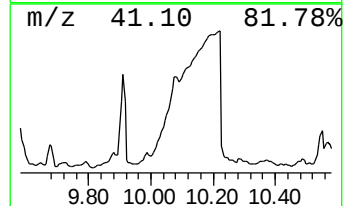
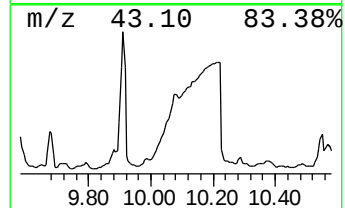
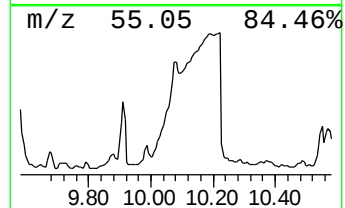
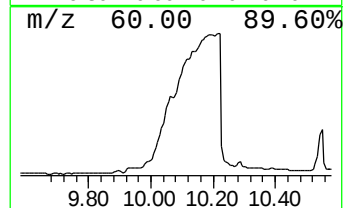
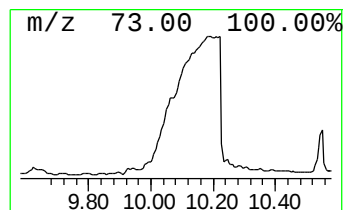
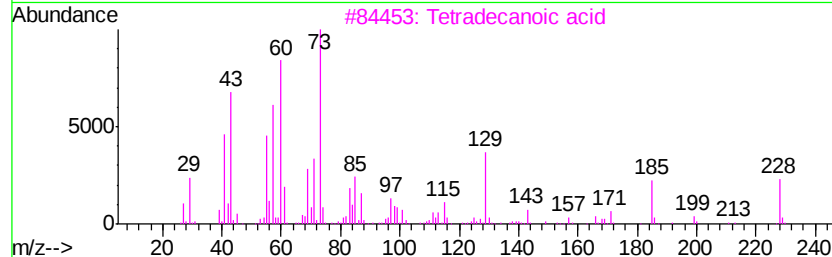
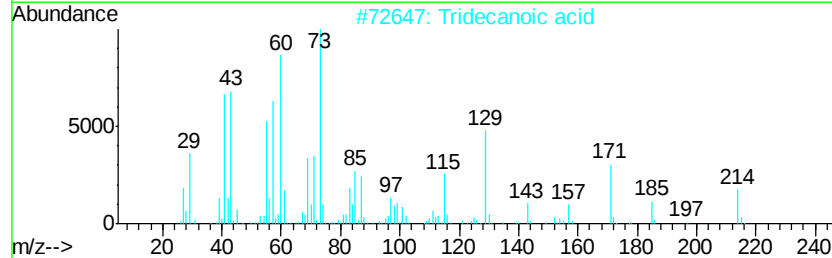
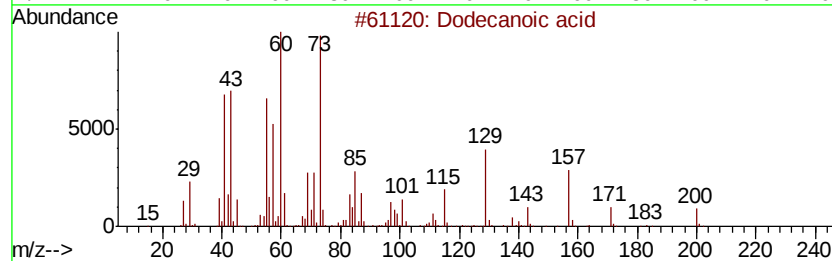
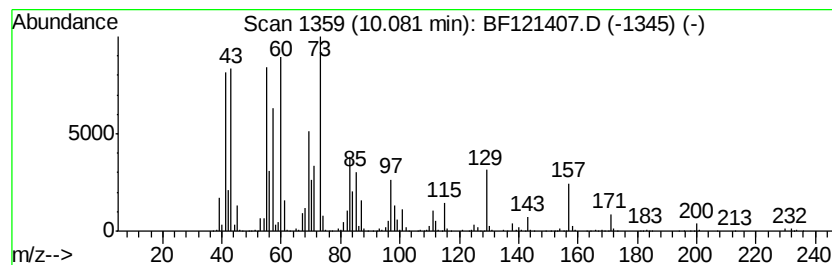
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	110.84 ng	9422910	Acenaphthene-d10	9.74

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid		200	C12H24O2	000143-07-7	81
2	Tridecanoic acid		214	C13H26O2	000638-53-9	52
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	49
4	Nonanoic acid		158	C9H18O2	000112-05-0	43
5	Cyclopropane, nonyl-		168	C12H24	074663-85-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
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Sample : L3706-02
Misc :
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ClientSampleId :
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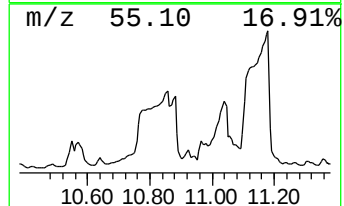
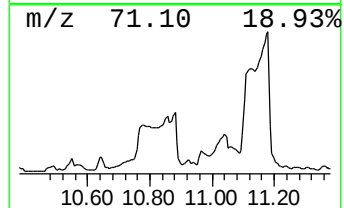
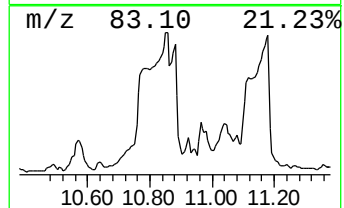
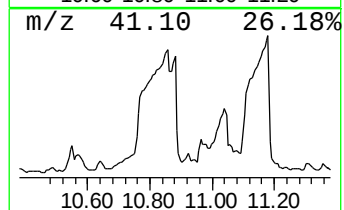
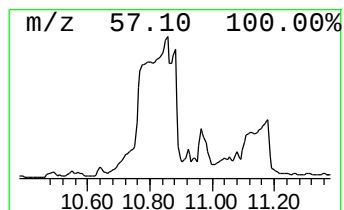
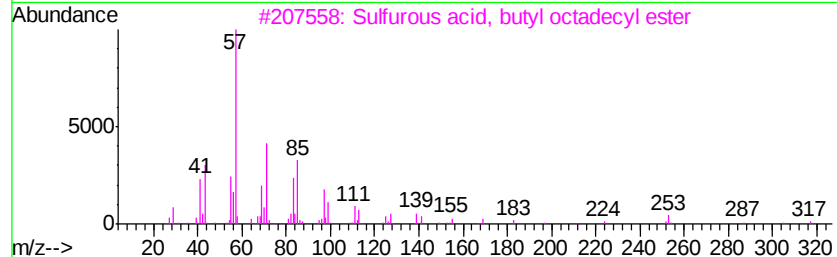
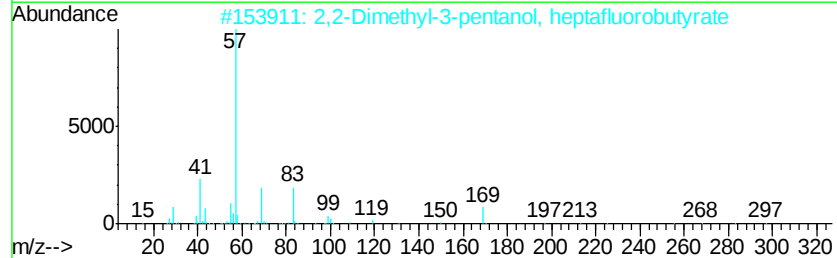
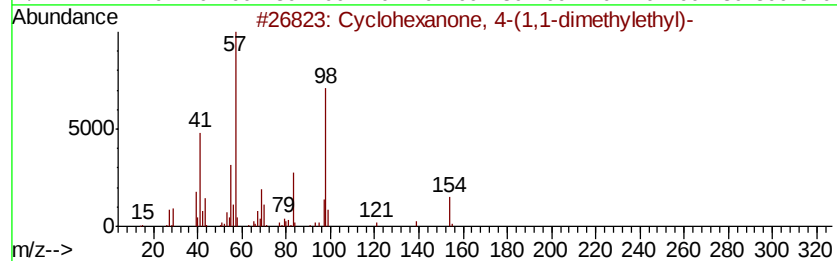
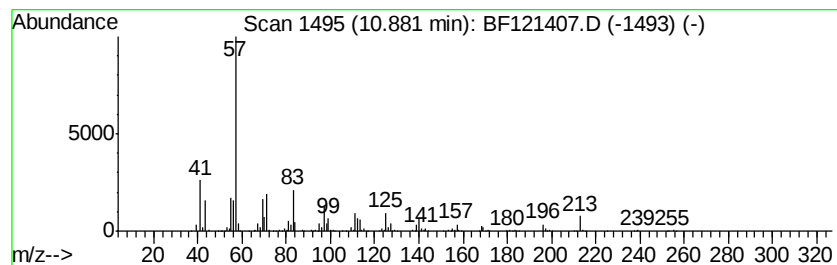
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown10.88 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	87.60 ng	4789140	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 4-(1,1-dimethylet...	154	C10H18O	000098-53-3	43
2		2,2-Dimethyl-3-pentanol, heptafl...	312	C11H15F7O2	1000364-14-4	35
3		Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	35
4		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	35
5		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
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Sample : L3706-02
Misc :
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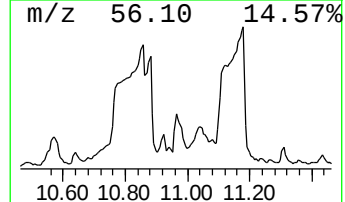
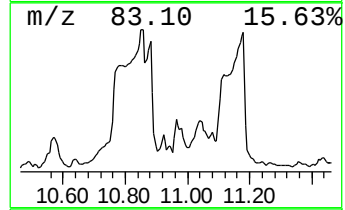
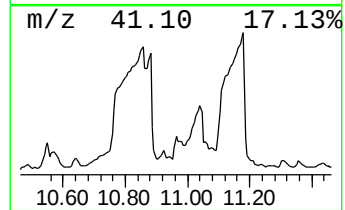
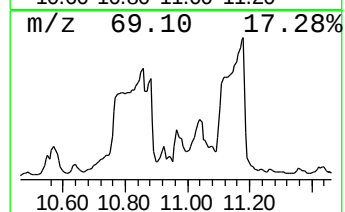
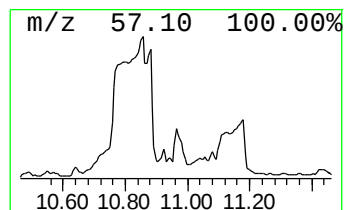
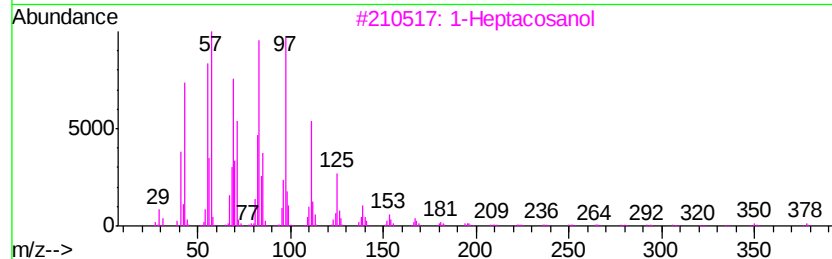
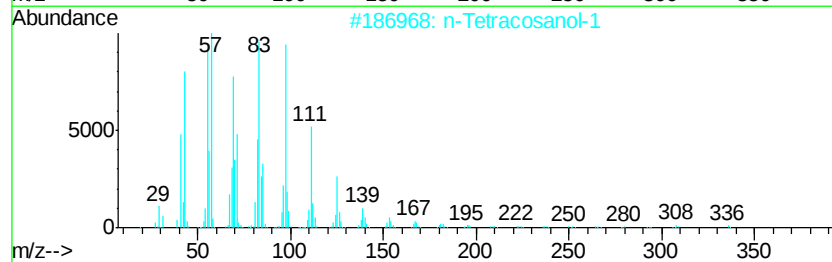
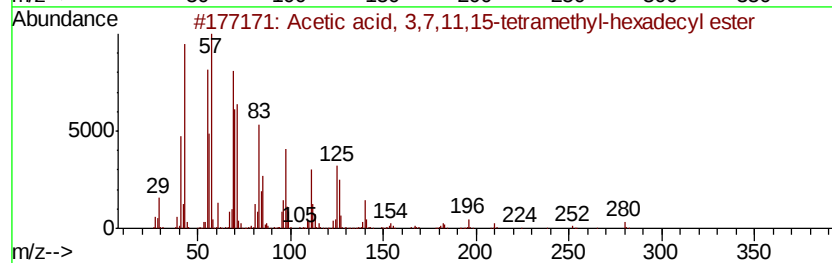
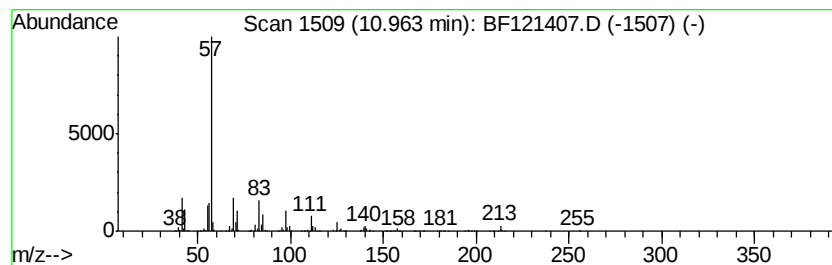
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Acetic acid, 3,7,11,15-tetr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	49.82 ng	2723960	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, 3,7,11,15-tetrameth...	340	C22H44O2	1000193-63-0	80
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	64
3		1-Heptacosanol	396	C27H56O	002004-39-9	64
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	59
5		1-Hexadecanol, 3,7,11,15-tetrame...	298	C20H42O	000645-72-7	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
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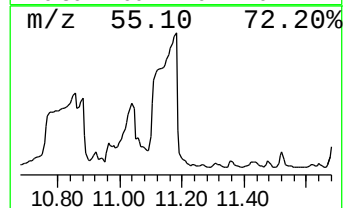
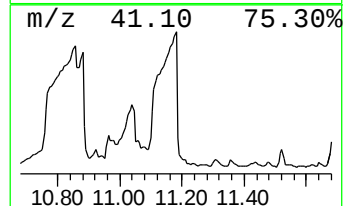
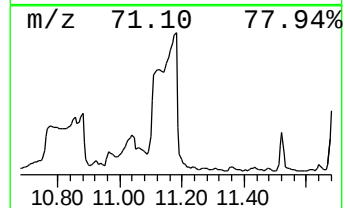
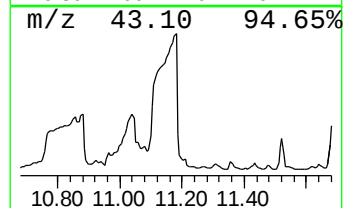
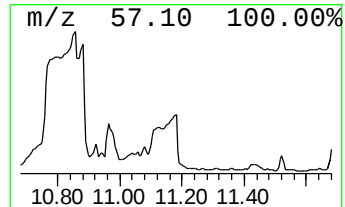
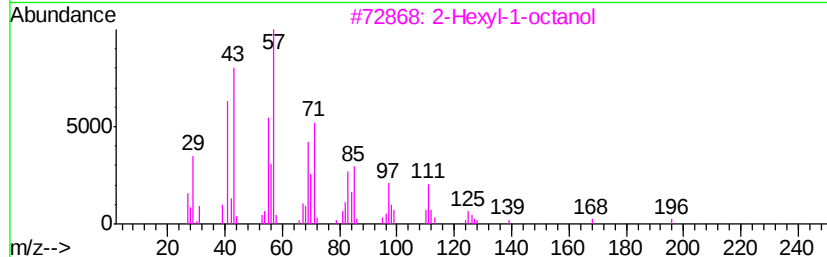
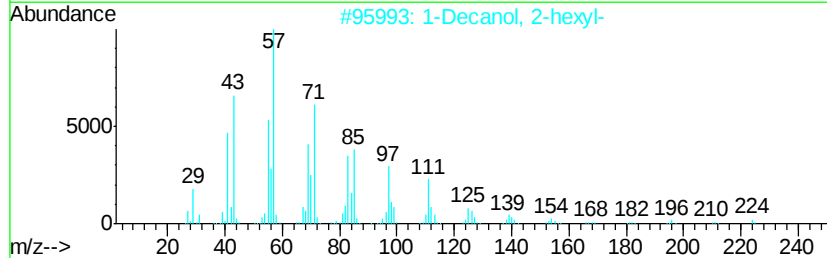
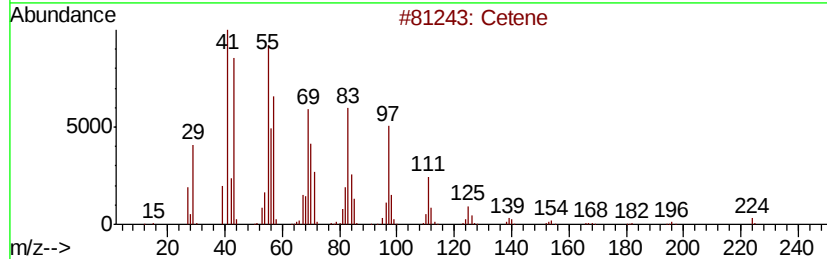
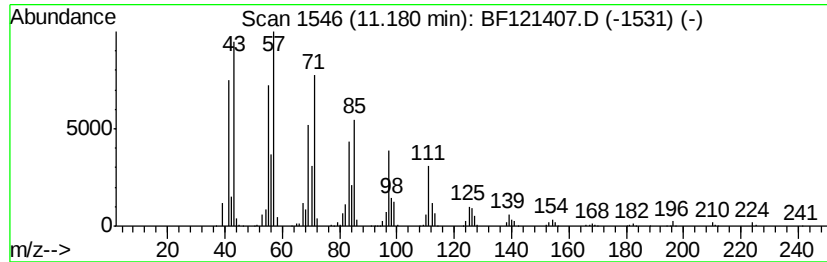
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cetene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	450.80 ng	24646200	Phenanthrene-d10	11.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Cetene	224 C16H32	000629-73-2	95
2	1-Decanol, 2-hexyl-	242 C16H34O	002425-77-6	91
3	2-Hexyl-1-octanol	214 C14H30O	019780-79-1	91
4	1-Decanol, 2-octyl-	270 C18H38O	045235-48-1	91
5	1-Pentadecene	210 C15H30	013360-61-7	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
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Sample : L3706-02
Misc :
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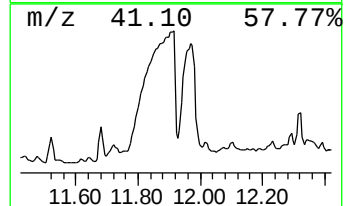
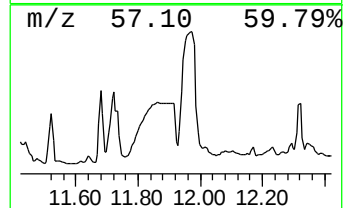
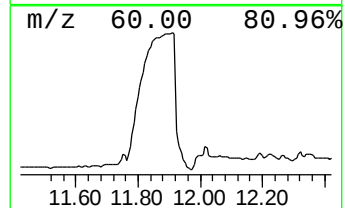
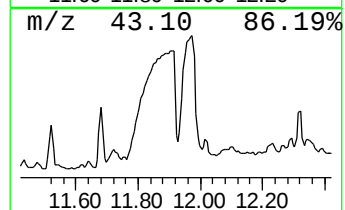
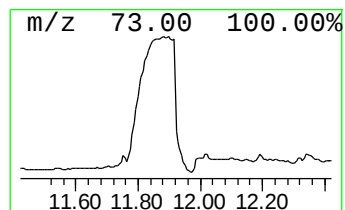
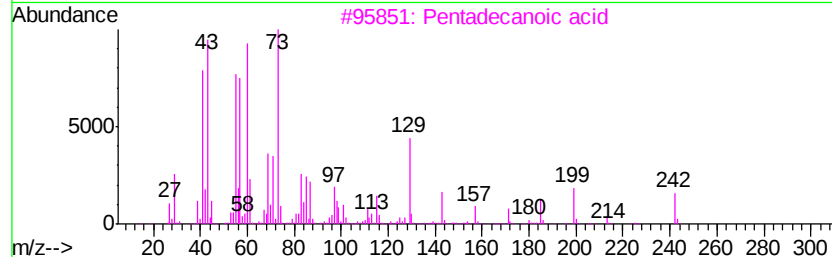
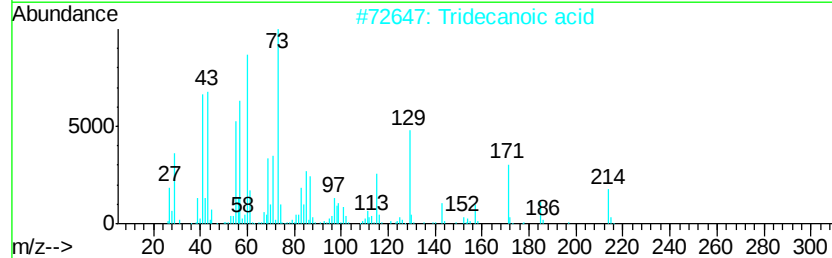
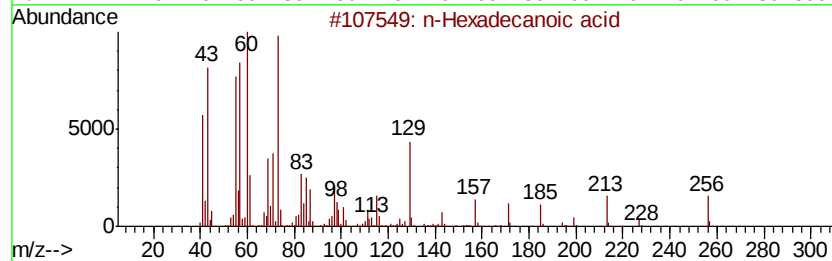
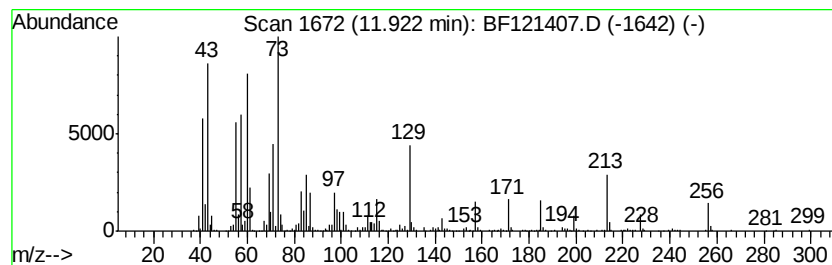
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.92	572.11 ng	31278700	Phenanthrene-d10		11.24		
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	92
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5			n-Decanoic acid	172	C10H20O2	000334-48-5	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
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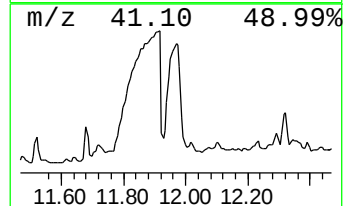
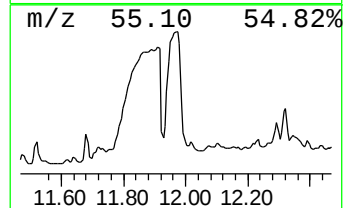
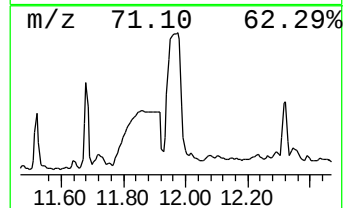
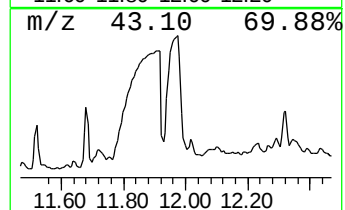
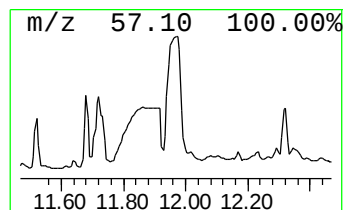
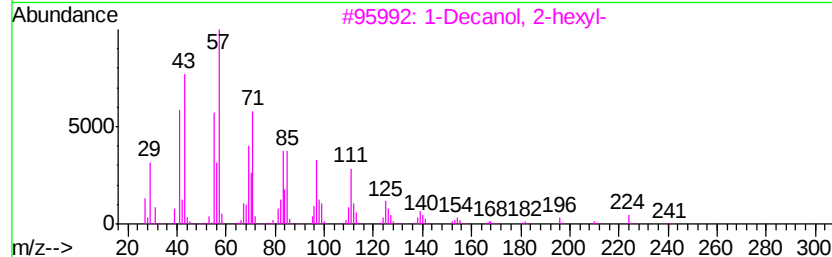
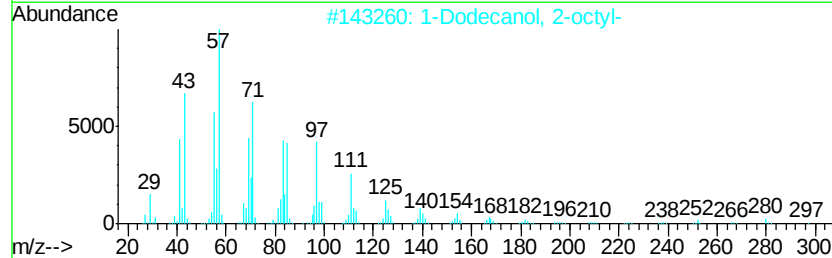
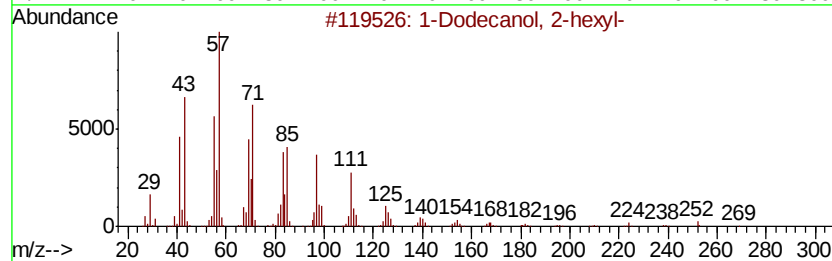
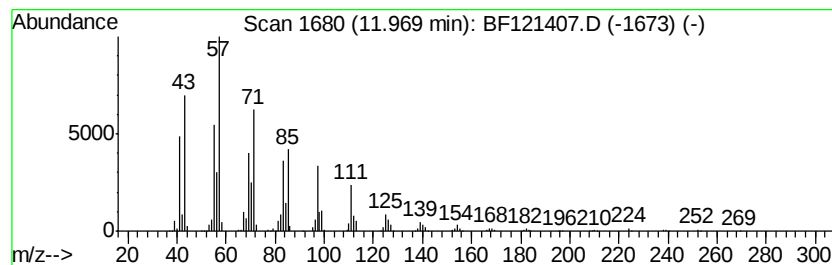
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Dodecanol, 2-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	221.69 ng	12120200	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	94
2			1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
3			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
4			2-Hexyl-1-octanol	214	C14H30O	019780-79-1	87
5			1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	83



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Misc :
ALS Vial : 7 Sample Multiplier: 1

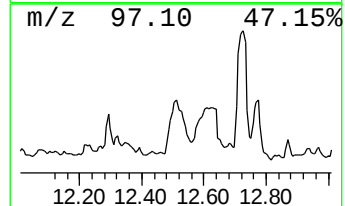
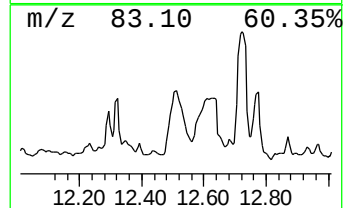
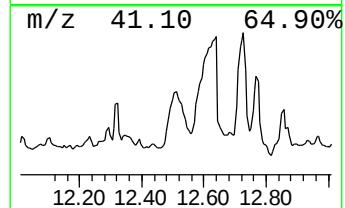
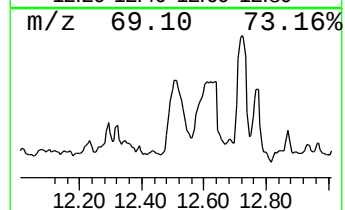
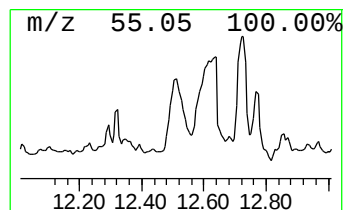
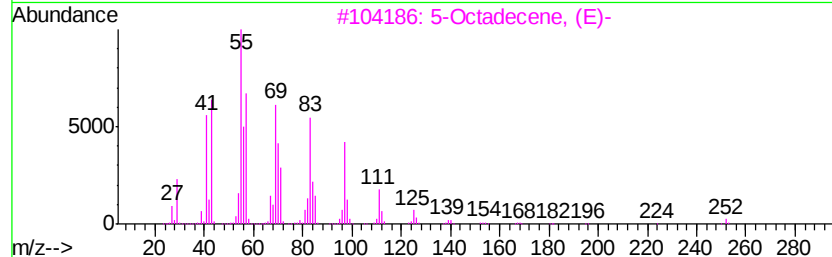
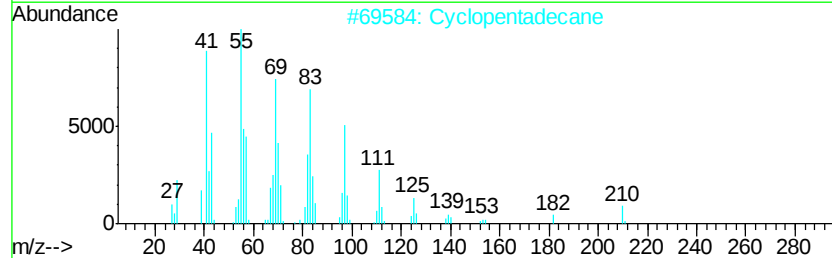
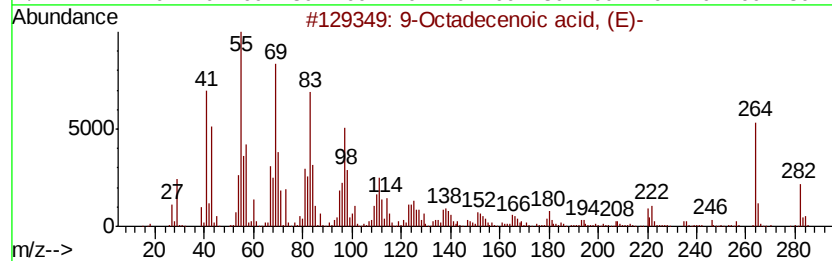
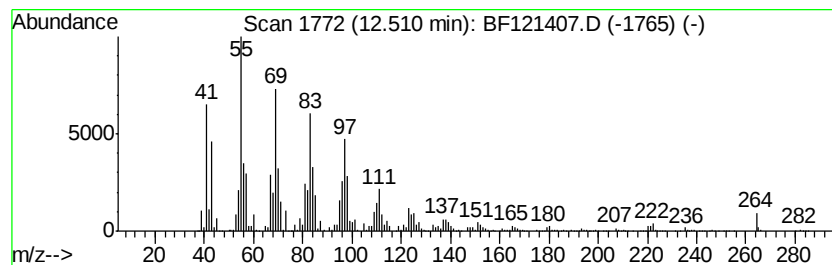
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ClientSampleId :
EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9-Octadecenoic acid, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.51	127.05 ng	6946210	Phenanthrene-d10	11.24		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91
2		Cyclopentadecane	210	C15H30	000295-48-7	72
3		5-Octadecene, (E)-	252	C18H36	007206-21-5	72
4		cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	64
5		6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121407.D
Acq On : 24 Aug 2020 19:25
Operator : JU/CG
Sample : L3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

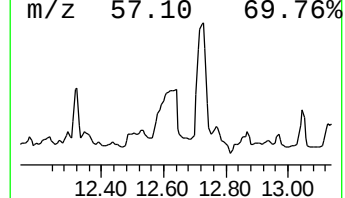
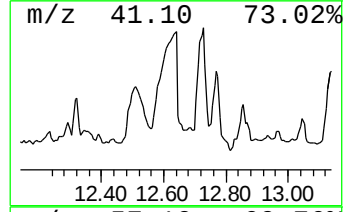
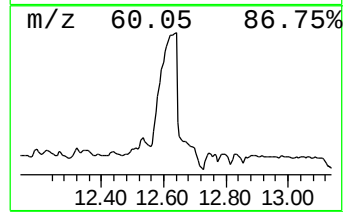
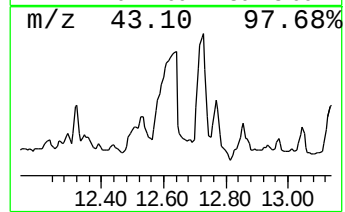
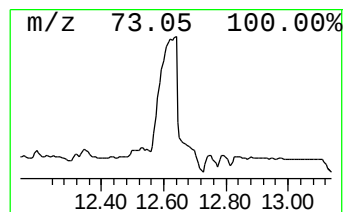
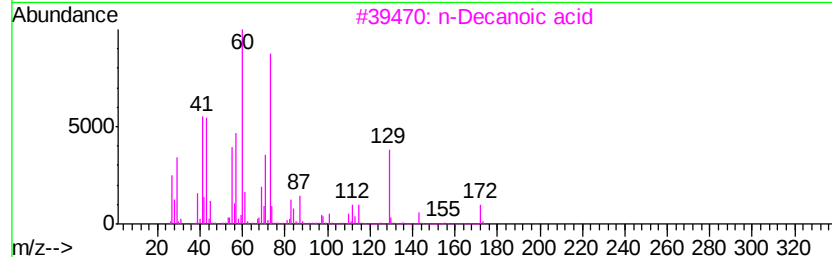
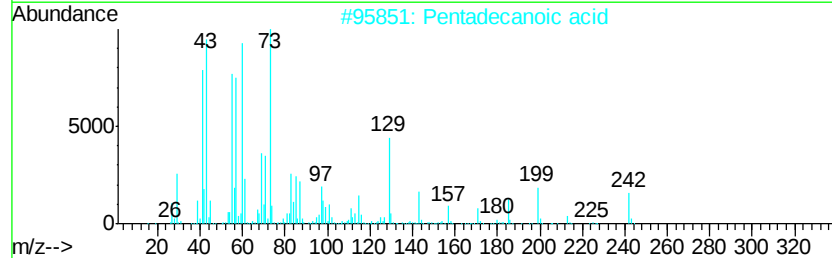
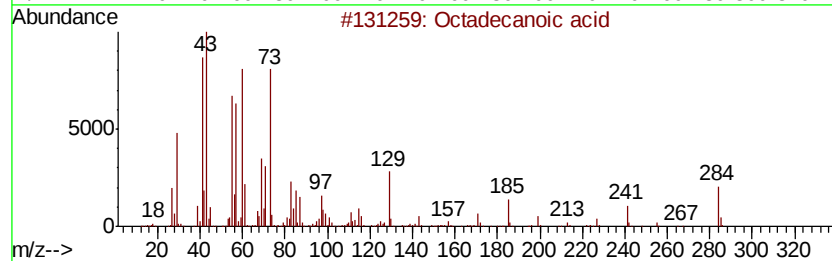
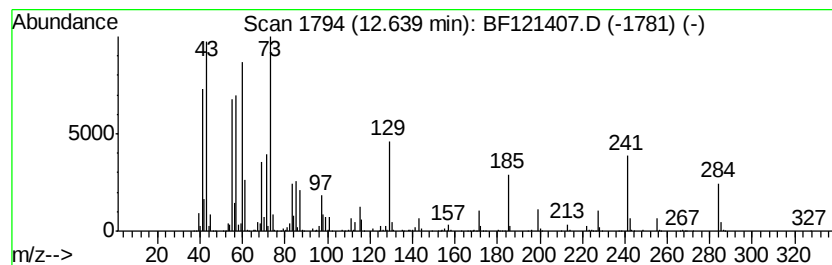
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	176.40 ng	14586000	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3		n-Decanoic acid	172	C10H20O2	000334-48-5	64
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121407.D
Acq On : 24 Aug 2020 19:25
Operator : JU/CG
Sample : L3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

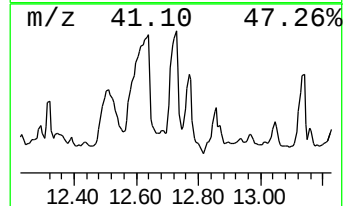
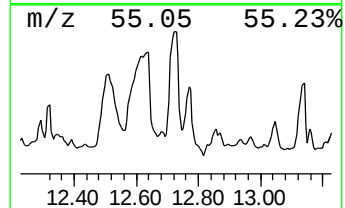
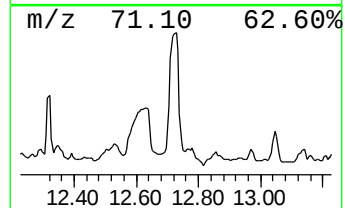
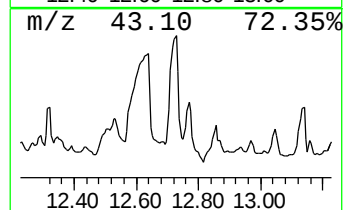
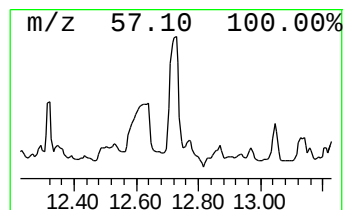
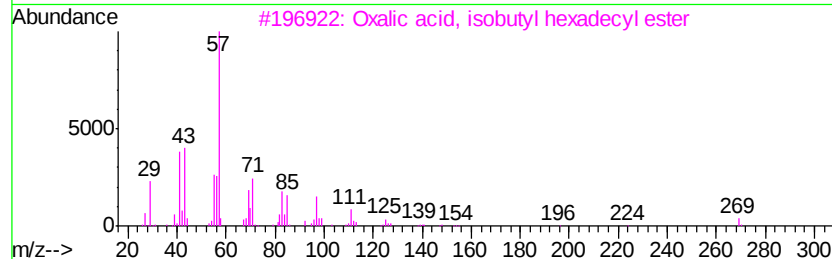
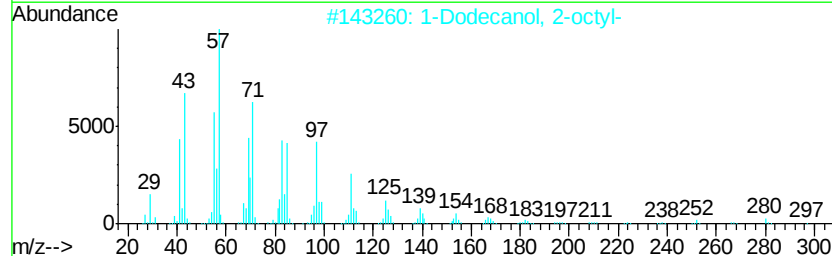
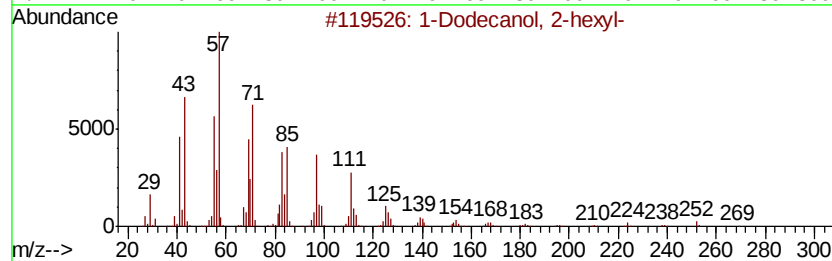
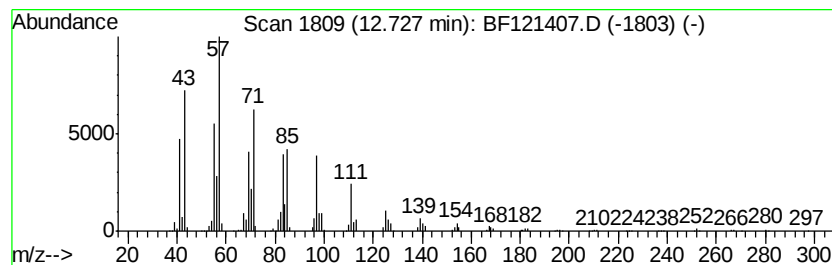
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Dodecanol, 2-octyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.73	88.05 ng	7280780	Chrysene-d12	13.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91
2	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
4	Triacetyl heptafluorobutylate	634	C34H61F7O2	1000351-83-2	90
5	Octatriacontyl trifluoroacetate	647	C40H77F3O2	1000351-88-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121407.D
Acq On : 24 Aug 2020 19:25
Operator : JU/CG
Sample : L3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

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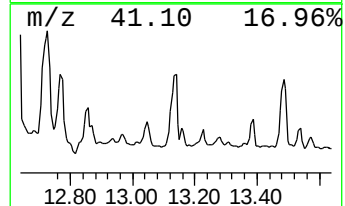
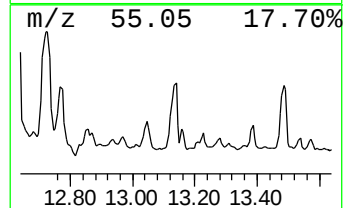
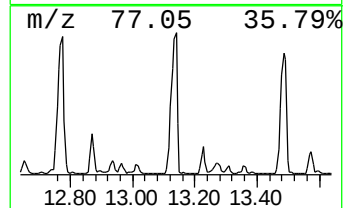
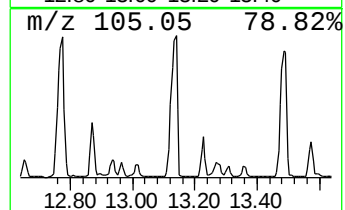
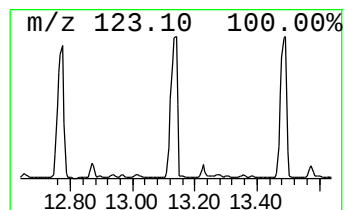
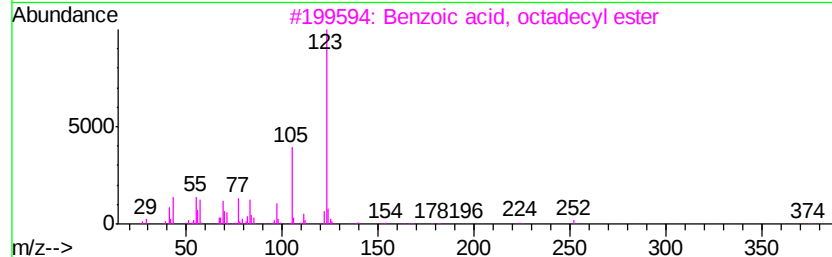
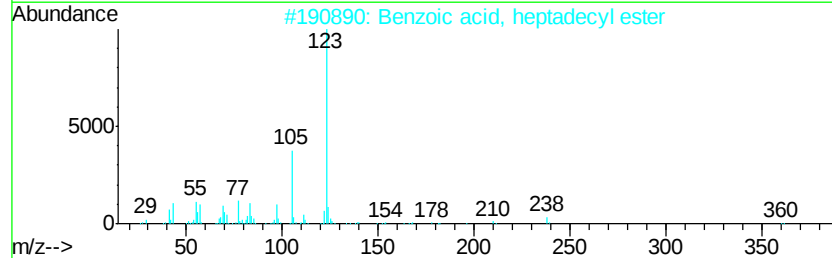
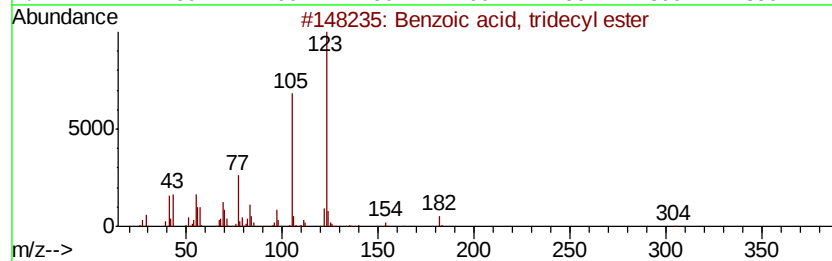
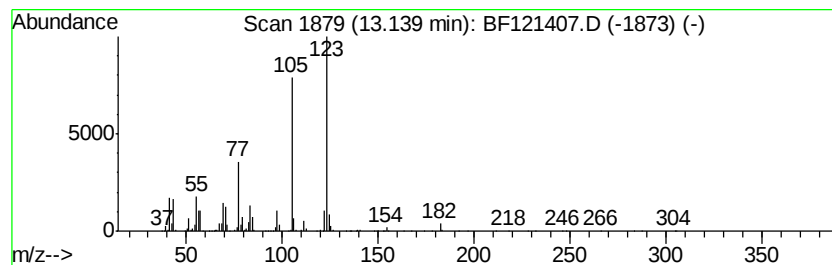
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzoic acid, tridecyl ester Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	68.67 ng	5677930	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, tridecyl ester	304	C20H32O2	1000340-22-6	90
2		Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	86
3		Benzoic acid, octadecyl ester	374	C25H42O2	1000340-23-1	80
4		Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	78
5		2,6-Pyridinedicarboxylic acid	167	C7H5NO4	000499-83-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121407.D
Acq On : 24 Aug 2020 19:25
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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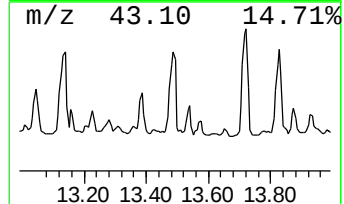
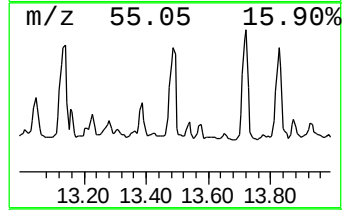
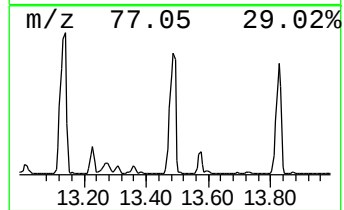
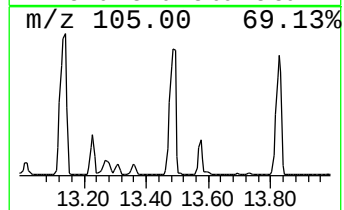
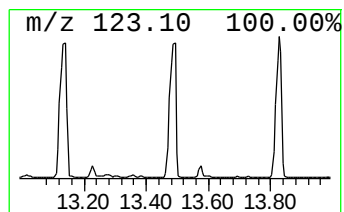
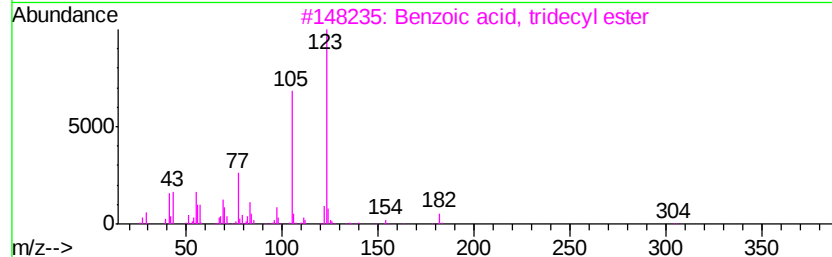
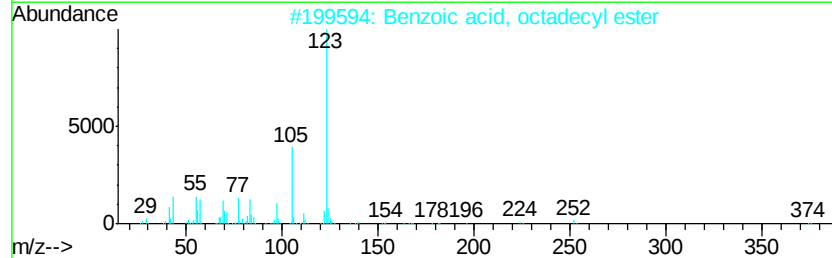
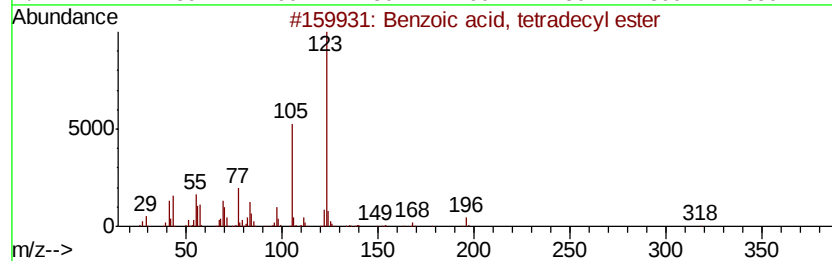
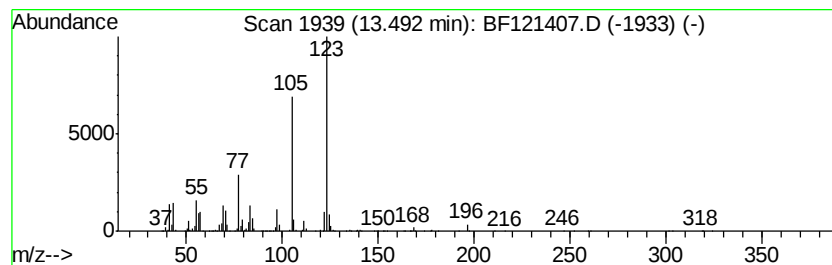
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzoic acid, tetradecyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	61.32 ng	5070050	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, tetradecyl ester	318	C21H34O2	1000340-22-7	96
2		Benzoic acid, octadecyl ester	374	C25H42O2	1000340-23-1	91
3		Benzoic acid, tridecyl ester	304	C20H32O2	1000340-22-6	91
4		Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	90
5		Benzoic acid, eicosyl ester	402	C27H46O2	1000340-23-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121407.D
Acq On : 24 Aug 2020 19:25
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Sample : L3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

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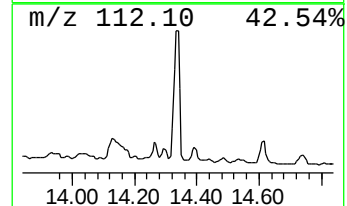
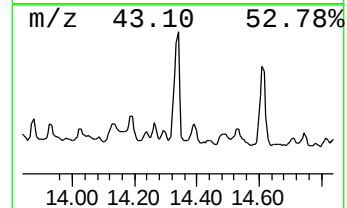
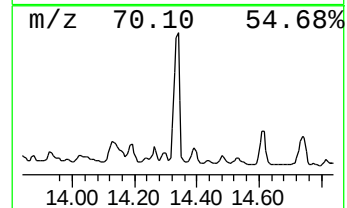
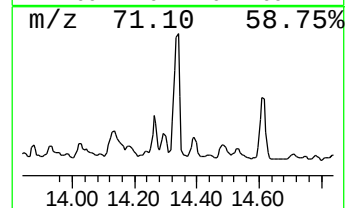
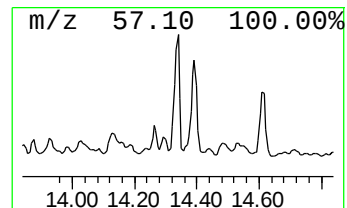
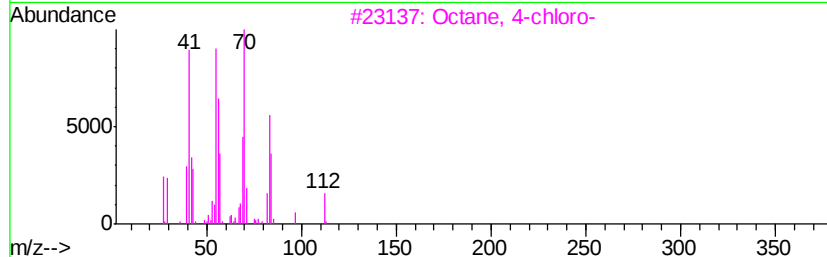
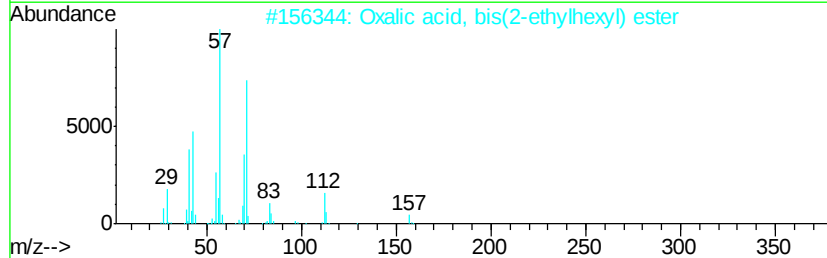
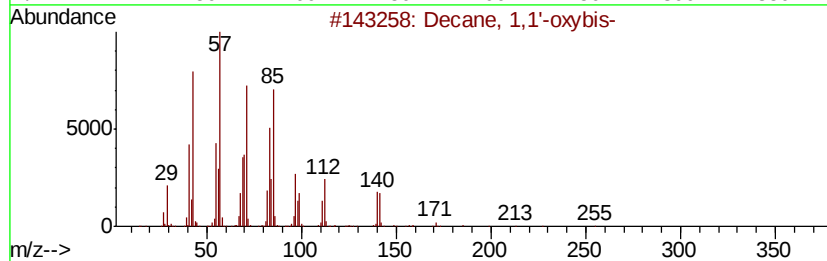
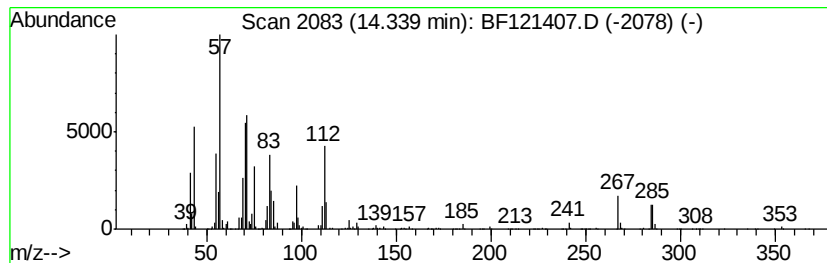
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown14.34 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	47.34 ng	3914430	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	47
2		Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	38
3		Octane, 4-chloro-	148	C8H17Cl	000999-07-5	27
4		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	27
5		Cyclohexanecarboxylic acid, 3-me...	198	C12H22O2	025183-19-1	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121407.D
Acq On : 24 Aug 2020 19:25
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Sample : L3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

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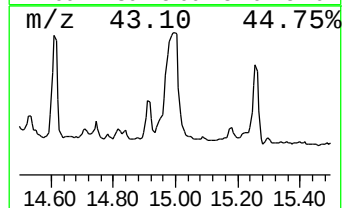
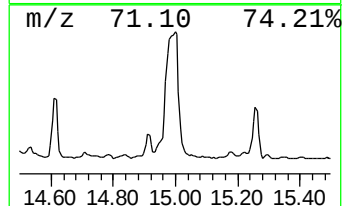
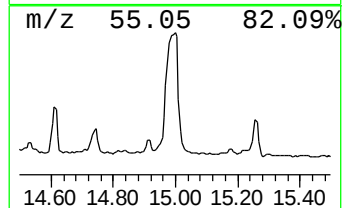
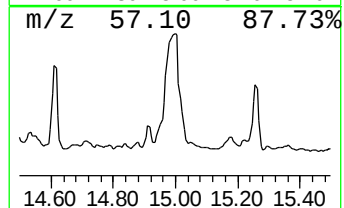
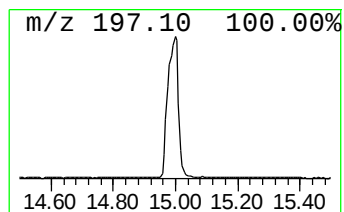
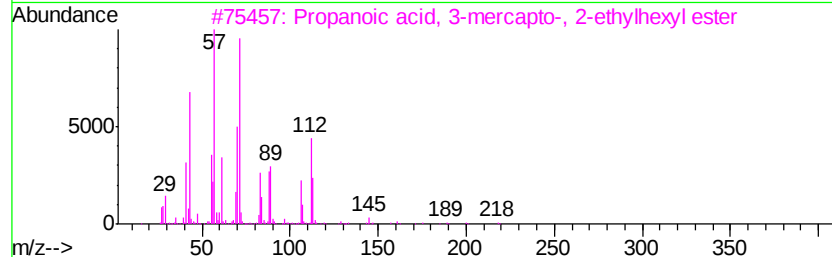
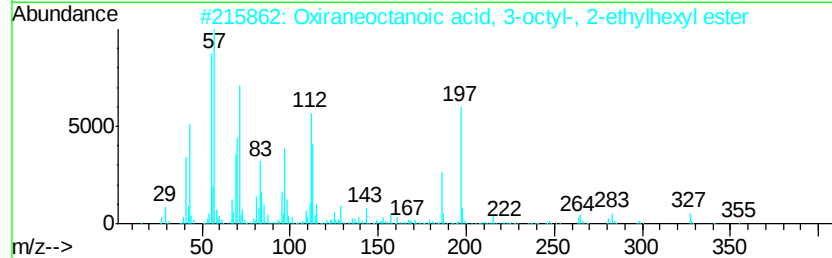
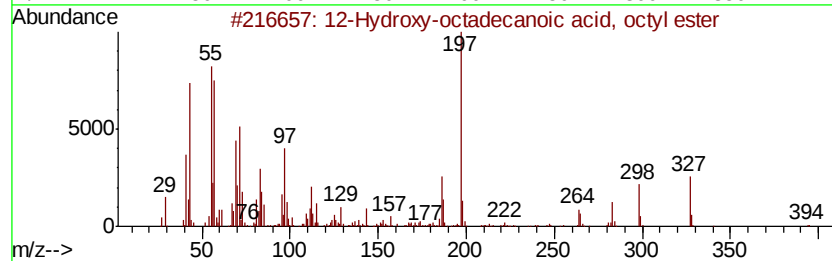
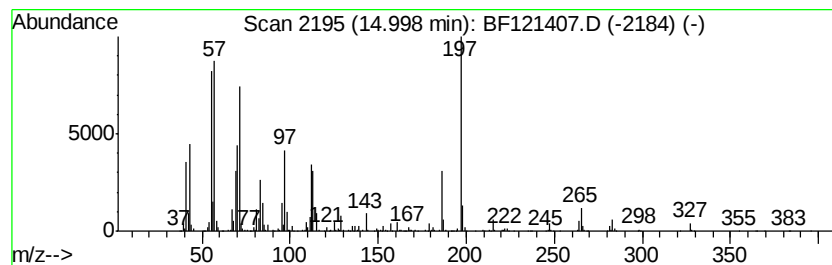
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown15.00 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	63.90 ng	10862800	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	12-Hydroxy-octadecanoic acid, oc...	412	C26H52O3	074819-90-2	47
2		Oxiraneoctanoic acid, 3-octyl-, ...	410	C26H50O3	000141-38-8	43
3		Propanoic acid, 3-mercapto-, 2-e...	218	C11H22O2S	050448-95-8	35
4		Oxalic acid, 2-ethylhexyl pentad...	412	C25H48O4	1000309-39-8	35
5		n-Butyric acid 2-ethylhexyl ester	200	C12H24O2	025415-84-3	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
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Operator : JU/CG
Sample : L3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

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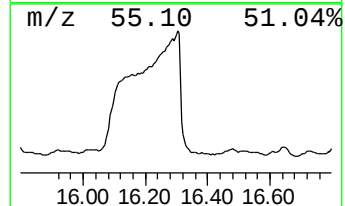
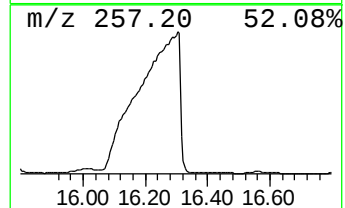
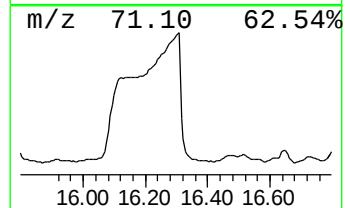
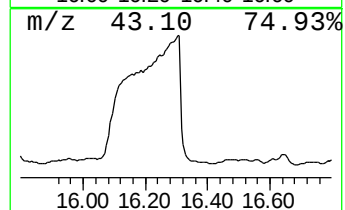
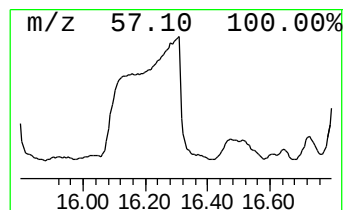
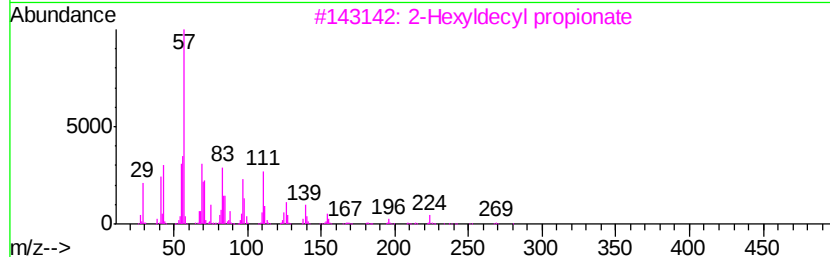
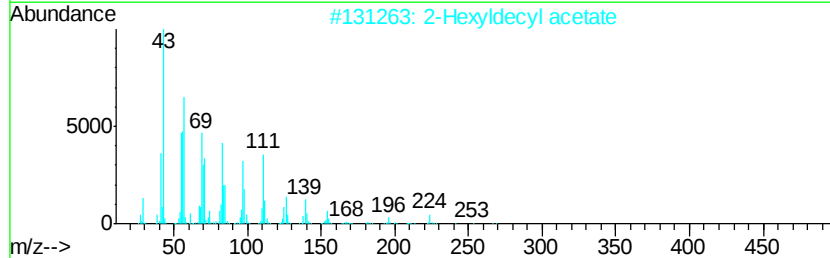
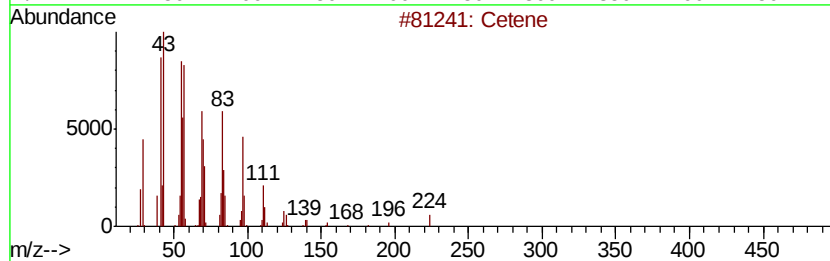
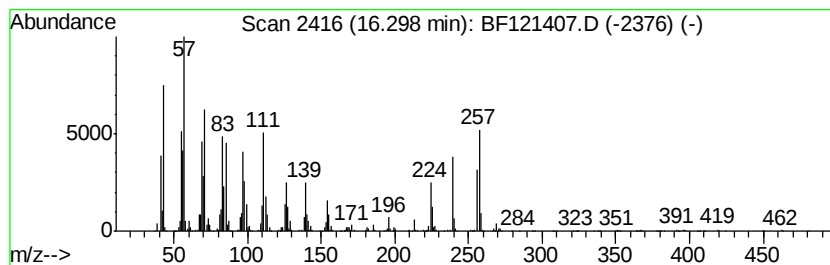
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-Hexyldecyl acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	383.62 ng	65212300	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cetene	224	C16H32	000629-73-2	78
2		2-Hexyldecyl acetate	284	C18H36O2	082409-75-4	60
3		2-Hexyldecyl propionate	298	C19H38O2	1072781-99-7	53
4		2-Hexyldecyl butyrate	312	C20H40O2	1072782-00-3	53
5		2-Hexyldecyl isobutyrate	312	C20H40O2	1000368-55-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121407.D
Acq On : 24 Aug 2020 19:25
Operator : JU/CG
Sample : L3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

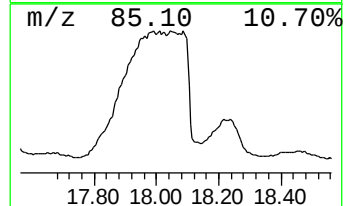
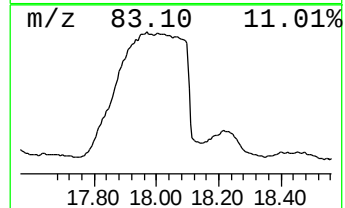
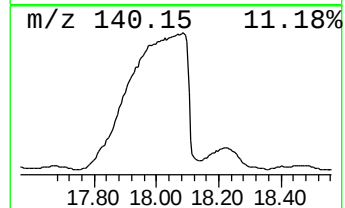
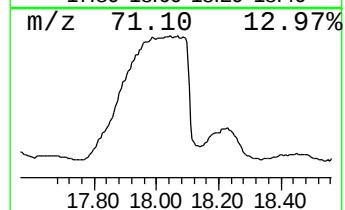
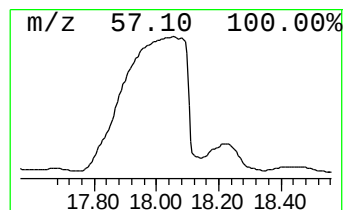
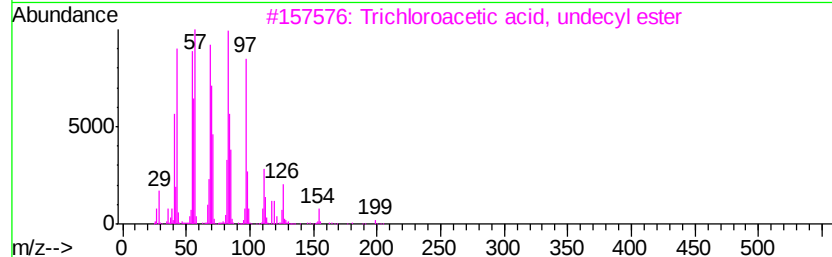
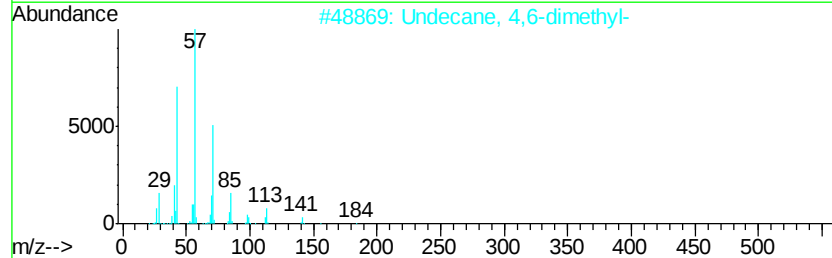
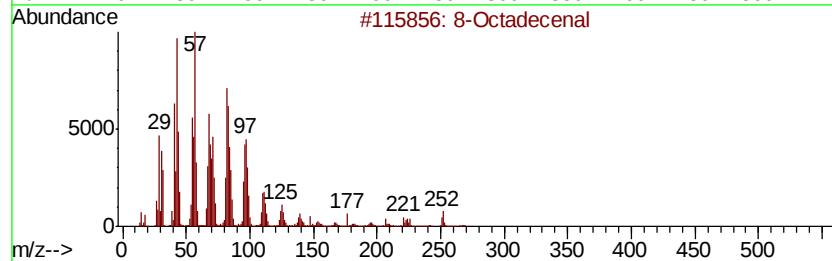
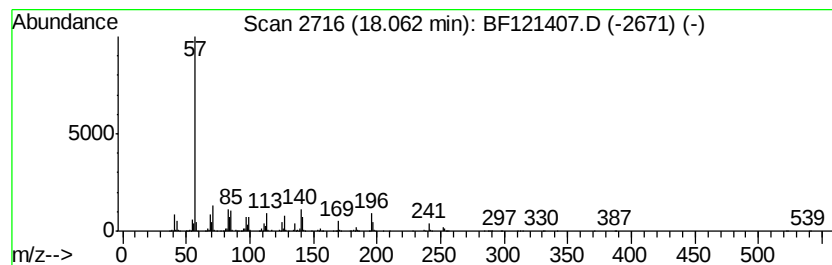
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 8-Octadecenal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	274.69 ng	46695100	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8-Octadecenal	266	C18H34O	056554-94-0	53
2		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	43
3		Trichloroacetic acid, undecyl ester	316	C13H23Cl3O2	074339-49-4	38
4		2-Azido-2,4,4,6,6,8,8-heptamethy...	267	C16H33N3	1000293-29-1	35
5		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121407.D
Acq On : 24 Aug 2020 19:25
Operator : JU/CG
Sample : L3706-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

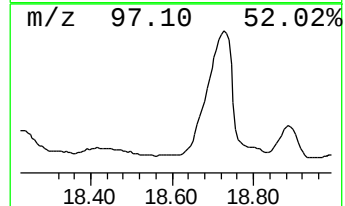
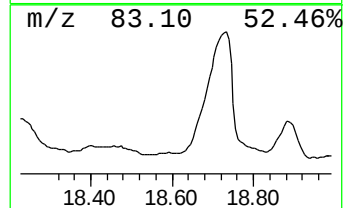
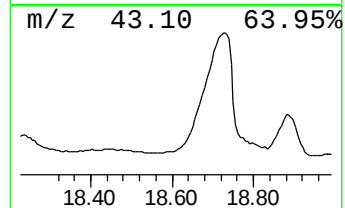
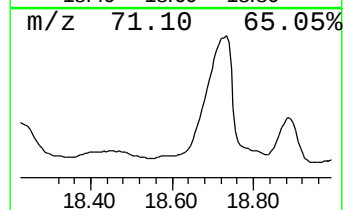
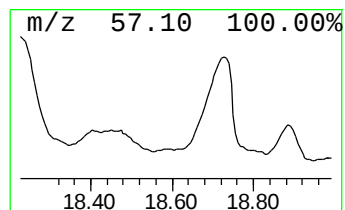
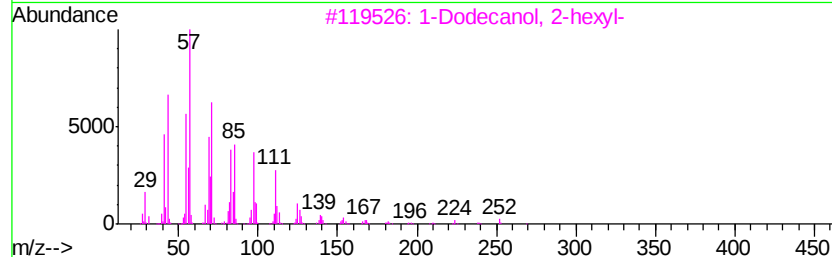
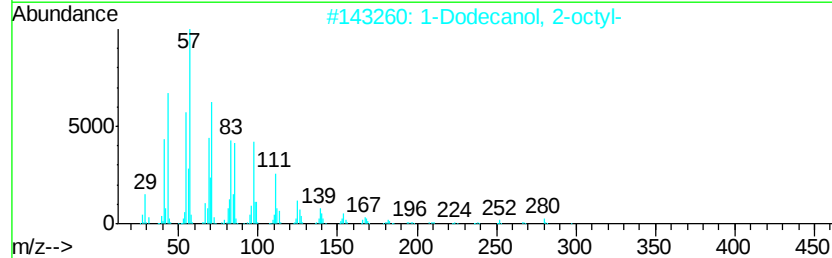
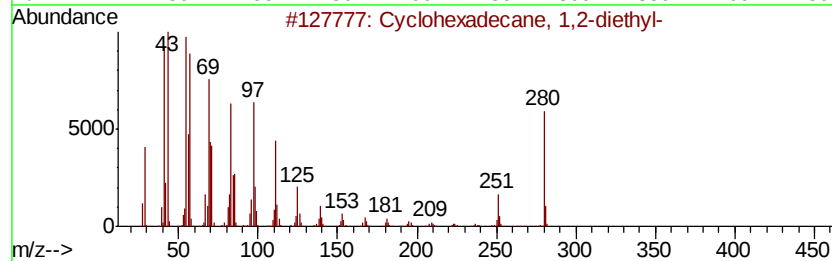
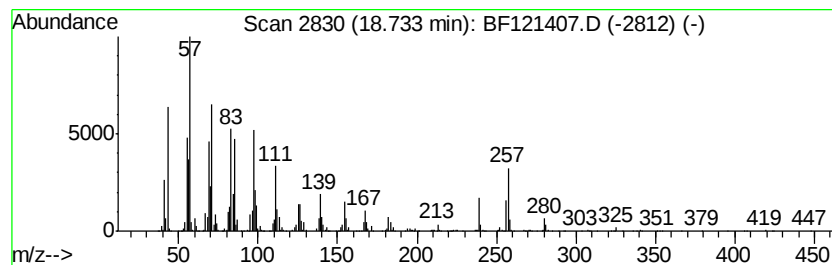
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Cyclohexadecane, 1,2-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	78.84 ng	13402600	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	91
2		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	87
3		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	76
4		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	74
5		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082420\
 Data File : BF121407.D
 Acq On : 24 Aug 2020 19:25
 Operator : JU/CG
 Sample : L3706-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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
2,3-Pentanedione	2.18	109.9	ng	5561970	1	6.70	1011940	20.0
Propanoic acid, 2...	4.42	75.2	ng	3803240	1	6.70	1011940	20.0
Ethanol, 2-butoxy-	5.67	98.3	ng	4973270	1	6.70	1011940	20.0
1-Hexanol, 2-ethyl-	6.82	347.0	ng	17556200	1	6.70	1011940	20.0
Dodecanoic acid	10.08	110.8	ng	9422910	3	9.74	1700300	20.0
unknown10.88	10.88	87.6	ng	4789140	4	11.24	1093450	20.0
Acetic acid, 3,7,...	10.96	49.8	ng	2723960	4	11.24	1093450	20.0
Cetene	11.18	450.8	ng	24646200	4	11.24	1093450	20.0
n-Hexadecanoic acid	11.92	572.1	ng	31278700	4	11.24	1093450	20.0
1-Dodecanol, 2-he...	11.97	221.7	ng	12120200	4	11.24	1093450	20.0
9-Octadecenoic ac...	12.51	127.1	ng	6946210	4	11.24	1093450	20.0
Octadecanoic acid	12.64	176.4	ng	14586000	5	13.86	1653730	20.0
1-Dodecanol, 2-oc...	12.73	88.0	ng	7280780	5	13.86	1653730	20.0
Benzoic acid, tri...	13.14	68.7	ng	5677930	5	13.86	1653730	20.0
Benzoic acid, tet...	13.49	61.3	ng	5070050	5	13.86	1653730	20.0
unknown14.34	14.34	47.3	ng	3914430	5	13.86	1653730	20.0
unknown15.00	15.00	63.9	ng	10862800	6	15.28	3399820	20.0
2-Hexyldecyl acetate	16.30	383.6	ng	65212300	6	15.28	3399820	20.0
8-Octadecenal	18.06	274.7	ng	46695100	6	15.28	3399820	20.0
Cyclohexadecane, ...	18.73	78.8	ng	13402600	6	15.28	3399820	20.0