

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
 Data File : BF120349.D
 Acq On : 18 May 2020 18:39
 Operator : MA/SJ
 Sample : L2682-02
 Misc :
 ALS Vial : 12 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-BF051420.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	3.052	154	164	174	rBV	471803	1019789	1.03%	0.106%
2	3.340	205	213	222	rBV	741732	1540415	1.56%	0.160%
3	3.781	280	288	297	rBV2	2368099	4803558	4.85%	0.498%
4	4.263	365	370	380	rBV	1231691	1607628	1.62%	0.167%
5	5.175	516	525	531	rBV2	552432	1119625	1.13%	0.116%
6	5.234	531	535	549	rVV	606606	1772876	1.79%	0.184%
7	6.604	764	768	772	rBV	1306464	1522116	1.54%	0.158%
8	6.775	772	797	798	rBV3	17986854	99010249	100.00%	10.266%
9	7.198	862	869	871	rBV	3518989	4373245	4.42%	0.453%
10	7.387	889	901	902	rBV	1075886	2496825	2.52%	0.259%
11	8.163	1009	1033	1036	rVB2	11776027	62141033	62.76%	6.443%
12	8.416	1072	1076	1081	rBV	1084175	1564333	1.58%	0.162%
13	8.498	1084	1090	1099	rVB3	996040	2176298	2.20%	0.226%
14	8.981	1147	1172	1176	rBV	8290268	34417353	34.76%	3.569%
15	9.492	1253	1259	1268	rVB3	569915	1438530	1.45%	0.149%
16	9.592	1271	1276	1280	rBV	747231	1128513	1.14%	0.117%
17	9.657	1281	1287	1300	rVB3	1331172	3728238	3.77%	0.387%
18	9.822	1304	1315	1317	rBV2	1236612	2764156	2.79%	0.287%
19	10.104	1328	1363	1364	rBV	12983314	94772303	95.72%	9.827%
20	10.622	1444	1451	1453	rVV	10337747	13915723	14.05%	1.443%
21	10.780	1462	1478	1498	rVB2	8957491	50733157	51.24%	5.261%
22	10.998	1498	1515	1521	rBV2	13492109	52402240	52.93%	5.434%
23	11.086	1521	1530	1536	rVB	4621763	8485027	8.57%	0.880%
24	11.310	1564	1568	1573	rBV	2381245	2486733	2.51%	0.258%
25	11.463	1588	1594	1602	rBV2	905118	2038796	2.06%	0.211%
26	11.610	1615	1619	1622	rBV	1425785	1874356	1.89%	0.194%
27	11.798	1631	1651	1653	rBV5	11956729	62846702	63.47%	6.517%
28	12.045	1691	1693	1699	rBV2	1069400	1553492	1.57%	0.161%
29	12.098	1699	1702	1706	rVB2	1507229	2056018	2.08%	0.213%
30	12.151	1707	1711	1716	rBV3	3013064	5883032	5.94%	0.610%
31	12.198	1716	1719	1724	rVV4	3253664	5361619	5.42%	0.556%
32	12.251	1724	1728	1730	rVV	7816657	9537538	9.63%	0.989%
33	12.310	1731	1738	1743	rVV4	5746301	15748280	15.91%	1.633%
34	12.363	1743	1747	1751	rVB3	3086700	4651602	4.70%	0.482%

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Integrator: RTE

Smoothing : ON

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Max Peaks: 100

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

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35	12.410	1751	1755	1757	rBV	3890561	4738853	4.79%	0.491%
36	12.463	1757	1764	1769	rVV4	11515676	30926808	31.24%	3.207%
37	12.539	1769	1777	1780	rVB3	9013820	17393101	17.57%	1.804%
38	12.639	1790	1794	1796	rVV2	6662446	7540695	7.62%	0.782%
39	12.692	1796	1803	1806	rVV2	12077771	19302702	19.50%	2.002%
40	12.733	1806	1810	1814	rVB	4143224	5016422	5.07%	0.520%
41	12.786	1816	1819	1822	rVB	3840271	3216290	3.25%	0.333%
42	12.851	1827	1830	1833	rBV	1392678	1542430	1.56%	0.160%
43	12.880	1833	1835	1840	rVB	1368982	1432796	1.45%	0.149%
44	12.969	1845	1850	1857	rVB	3050794	4294482	4.34%	0.445%
45	13.057	1858	1865	1867	rBV	13456371	22731692	22.96%	2.357%
46	13.080	1867	1869	1872	rVB	4755602	3214229	3.25%	0.333%
47	13.145	1874	1880	1885	rBV2	5830168	11429989	11.54%	1.185%
48	13.269	1887	1901	1905	rVV2	10733992	39297027	39.69%	4.075%
49	13.316	1905	1909	1917	rVB	3700213	4924886	4.97%	0.511%
50	13.416	1917	1926	1929	rBV	12957467	19060462	19.25%	1.976%
51	13.492	1935	1939	1941	rBV	3173445	2851400	2.88%	0.296%
52	13.639	1959	1964	1971	rVB	8316974	10249253	10.35%	1.063%
53	13.751	1976	1983	1985	rBV	12852289	17568972	17.74%	1.822%
54	13.774	1985	1987	1993	rVB	1422078	1430580	1.44%	0.148%
55	13.851	1996	2000	2002	rBV	1894921	2132246	2.15%	0.221%
56	13.939	2011	2015	2017	rBV	1331624	1770706	1.79%	0.184%
57	13.963	2017	2019	2024	rVB	1512823	1998050	2.02%	0.207%
58	14.051	2029	2034	2038	rBV2	4915312	11065647	11.18%	1.147%
59	14.186	2052	2057	2059	rBV	6101562	6504803	6.57%	0.674%
60	14.251	2064	2068	2072	rVB	7635710	8295262	8.38%	0.860%
61	14.304	2072	2077	2083	rBV	2846089	4377113	4.42%	0.454%
62	14.398	2090	2093	2097	rVB	1495343	1639759	1.66%	0.170%
63	14.445	2098	2101	2108	rVB4	698207	1208397	1.22%	0.125%
64	14.521	2111	2114	2122	rVB	3462398	4272826	4.32%	0.443%
65	14.868	2165	2173	2183	rVB2	6577396	11525487	11.64%	1.195%
66	15.110	2210	2214	2215	rBV	1744972	2006065	2.03%	0.208%
67	15.568	2286	2292	2297	rBV3	797573	1865654	1.88%	0.193%
68	15.633	2299	2303	2309	rVB	1004301	1927554	1.95%	0.200%
69	15.874	2337	2344	2350	rBV	3385616	6853307	6.92%	0.711%
70	15.957	2350	2358	2363	rVB	7388385	13995875	14.14%	1.451%
71	16.251	2399	2408	2415	rBV2	832998	3332538	3.37%	0.346%

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72	16.515	2447	2453	2462	rBV	474809	1431522	1.45%	0.148%
73	16.980	2514	2532	2534	rBV3	5856391	19494091	19.69%	2.021%
74	17.533	2617	2626	2630	rBV2	2043490	5943880	6.00%	0.616%
75	17.633	2631	2643	2664	rVB	6111609	31740454	32.06%	3.291%
76	18.421	2759	2777	2798	rVB	6769935	29890936	30.19%	3.099%

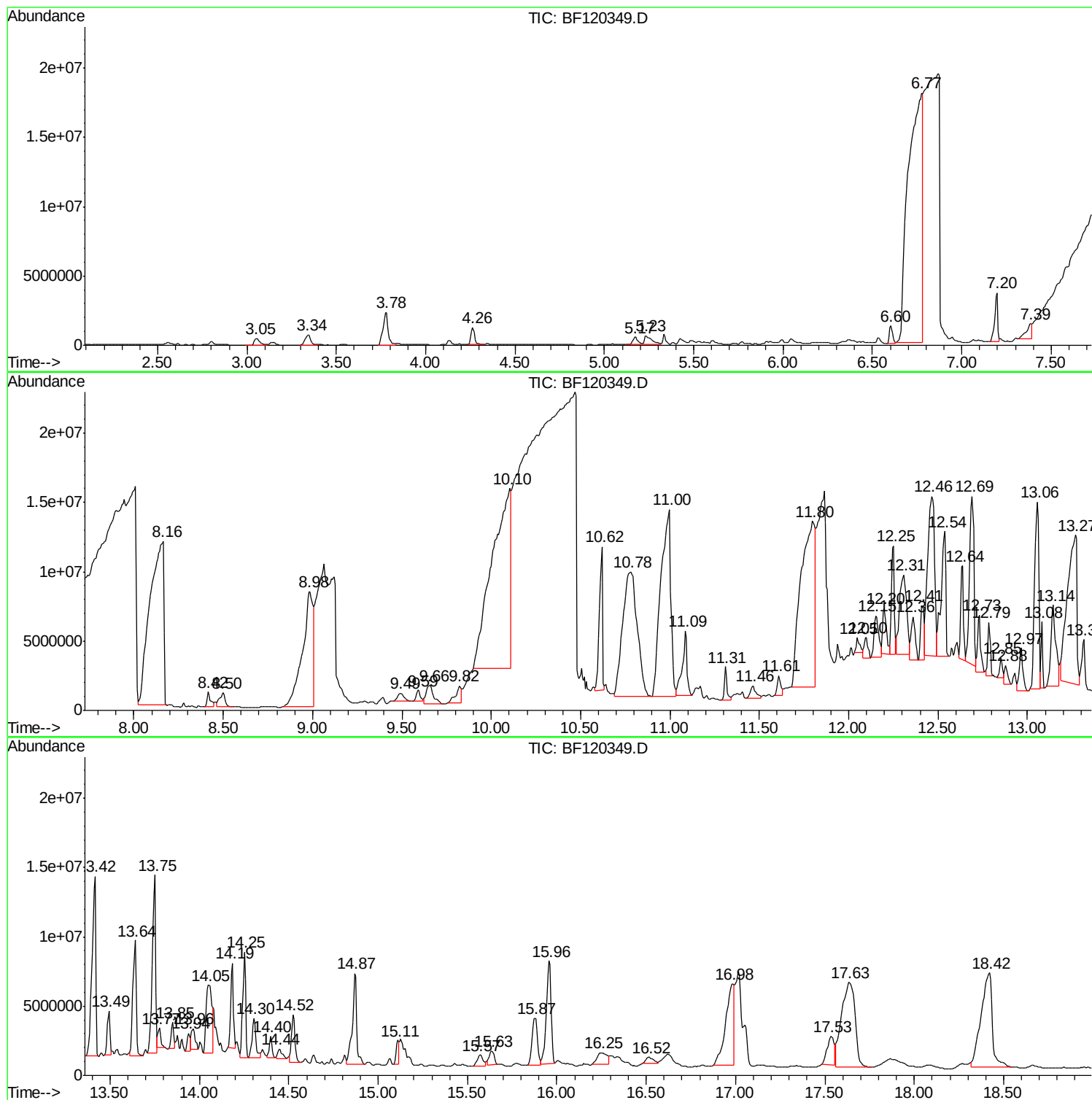
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Instrument :
BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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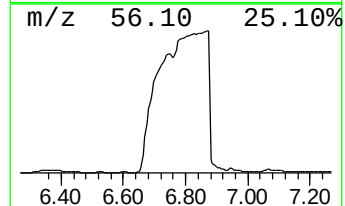
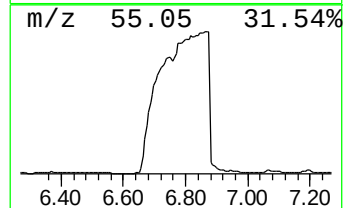
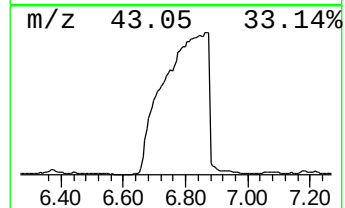
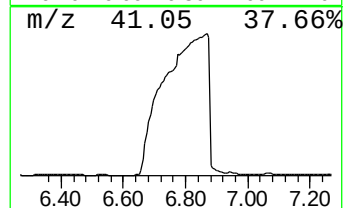
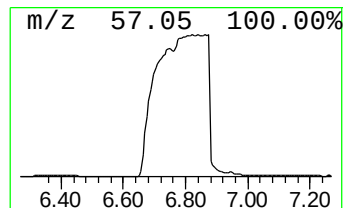
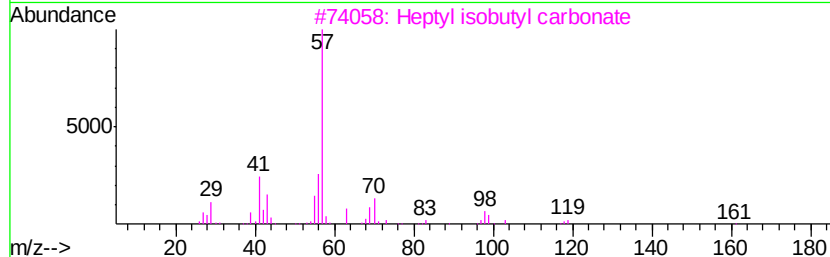
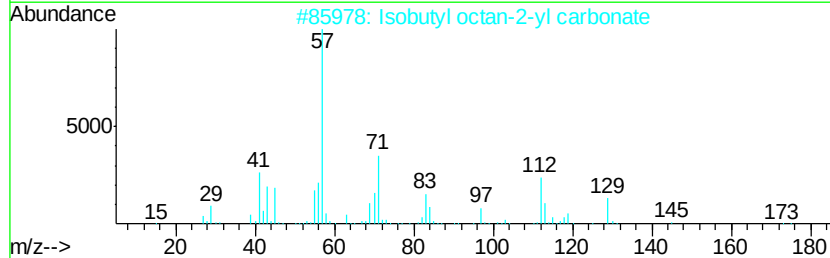
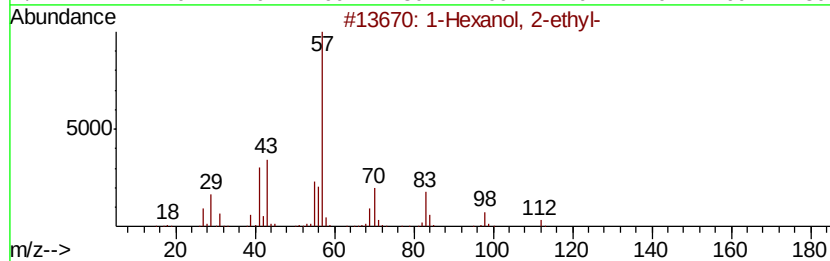
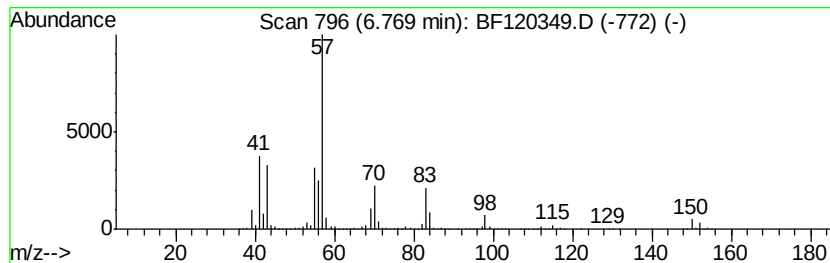
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	1300.96 ng	99010200	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2		Isobutyl octan-2-yl carbonate	230	C13H26O3	1000372-74-7	56
3		Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	53
4		2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	50
5		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50



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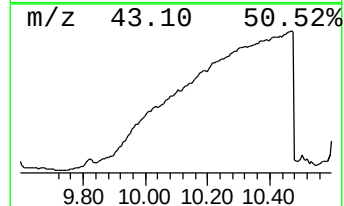
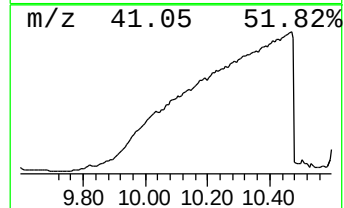
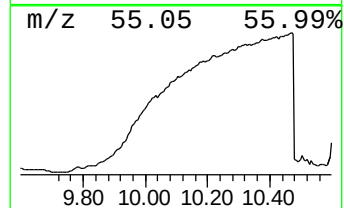
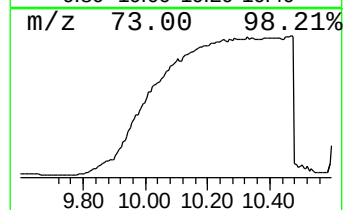
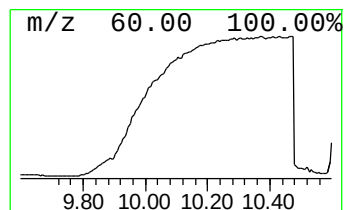
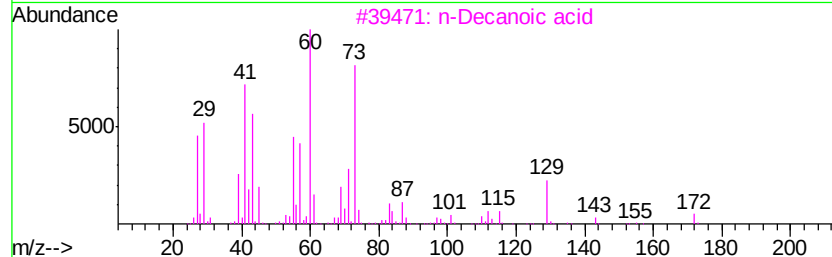
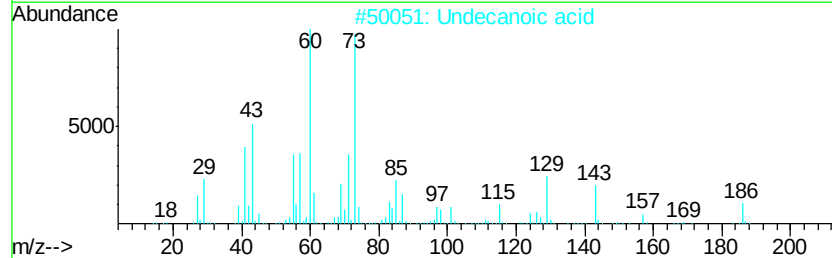
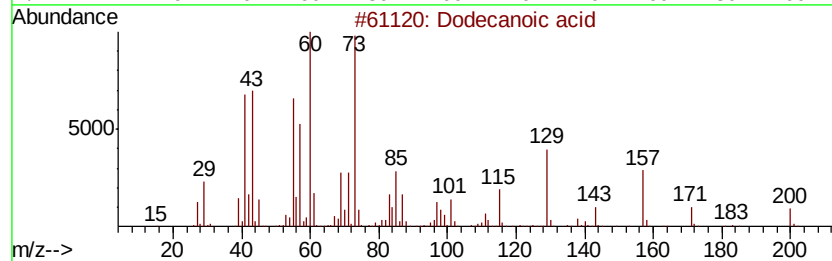
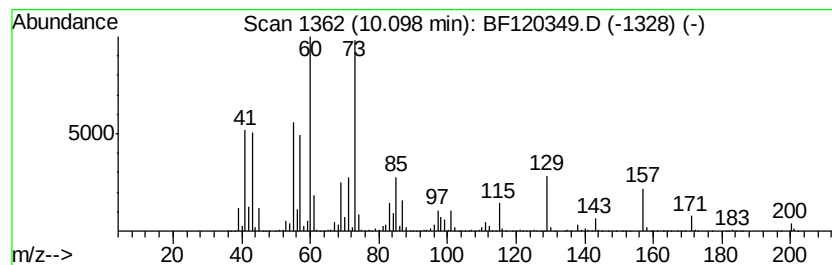
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Dodecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.10	508.40 ng	94772300	Acenaphthene-d10		9.65
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Undecanoic acid	186	C11H22O2	000112-37-8	80
3	n-Decanoic acid	172	C10H20O2	000334-48-5	70
4	Hexanoic acid	116	C6H12O2	000142-62-1	43
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	43



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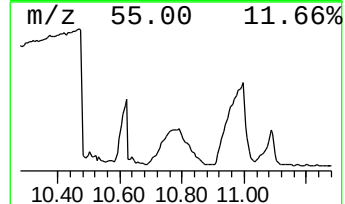
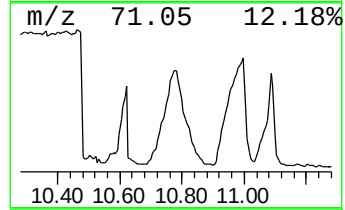
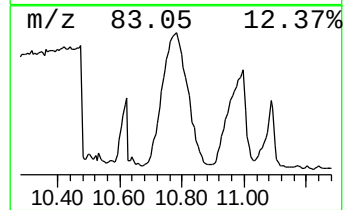
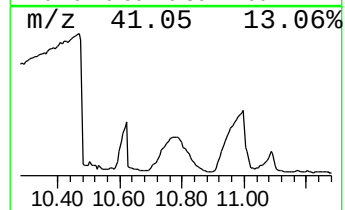
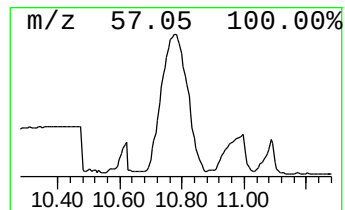
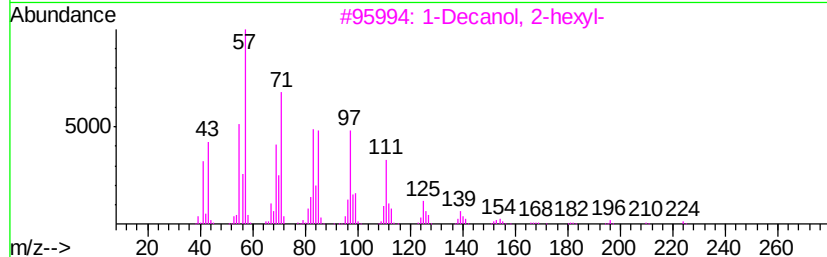
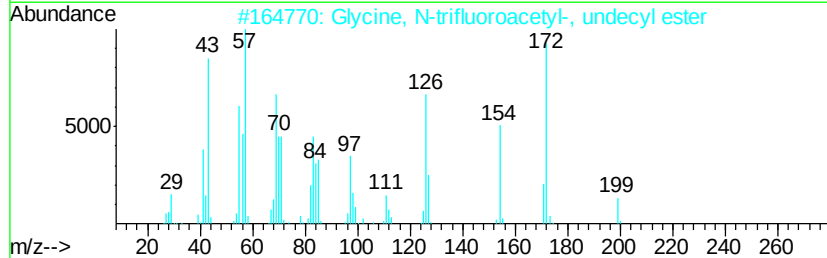
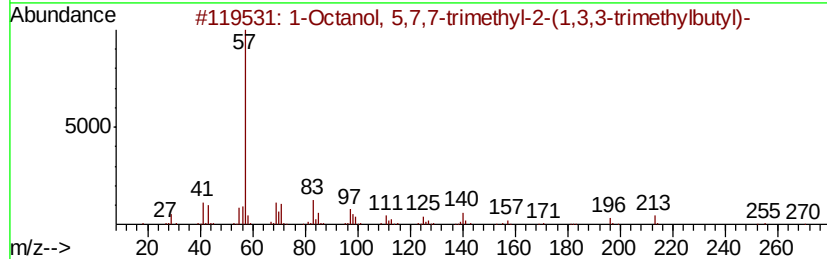
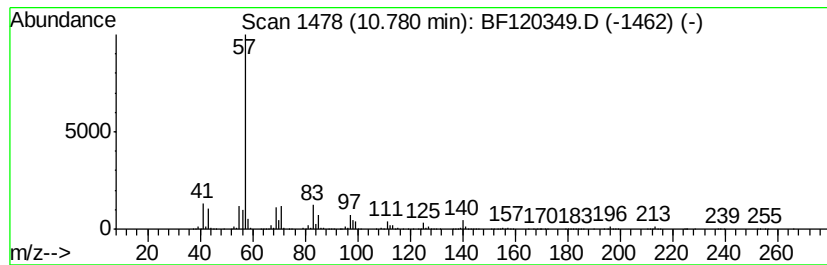
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.78	119.58 ng	50733200	Phenanthrene-d10		11.16	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	83	
2	Glycine, N-trifluoroacetyl-, und...	325	C15H26F3N03	1000328-04-0	53	
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	53	
4	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	50	
5	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	50	



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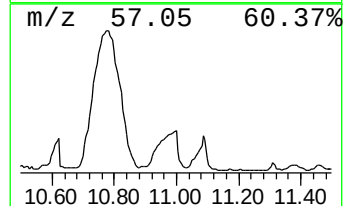
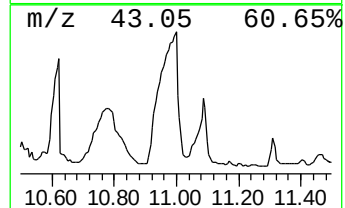
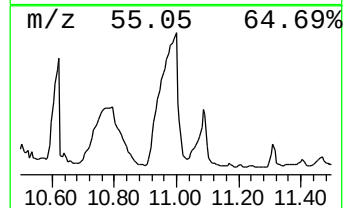
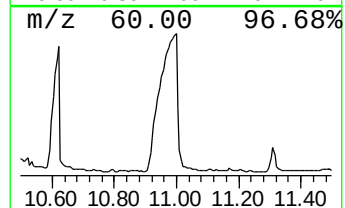
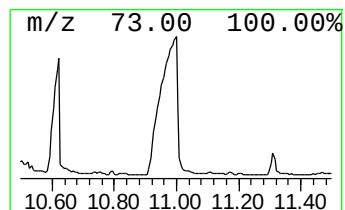
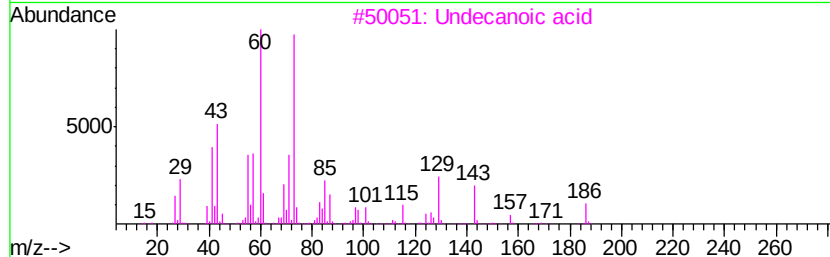
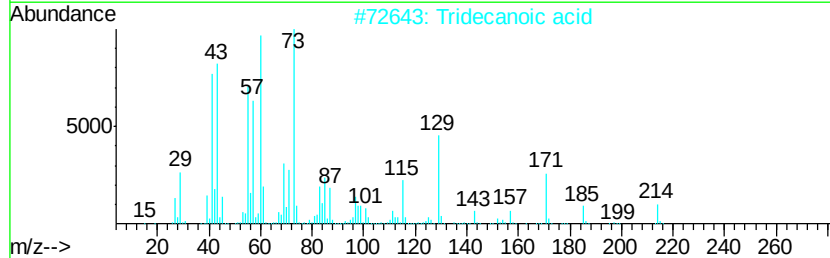
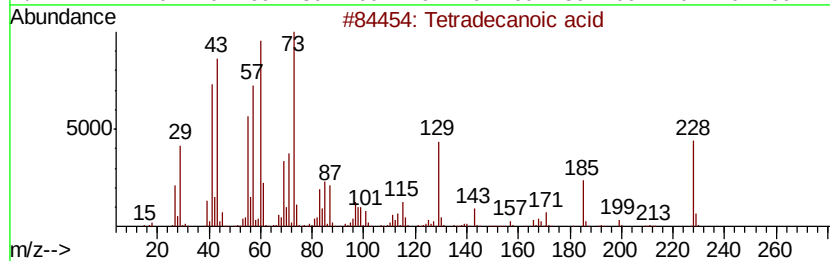
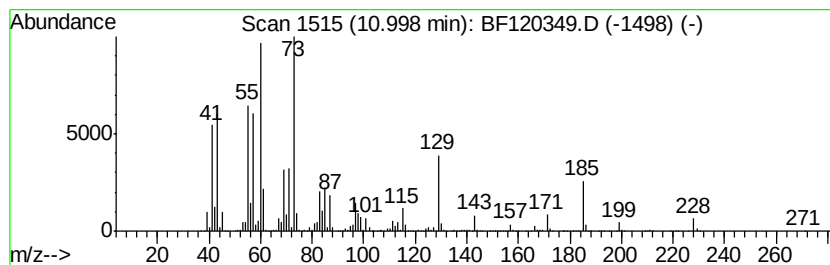
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	123.52 ng	52402200	Phenanthrene-d10	11.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2		Tridecanoic acid	214	C13H26O2	000638-53-9	87
3		Undecanoic acid	186	C11H22O2	000112-37-8	81
4		Dodecanoic acid	200	C12H24O2	000143-07-7	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
Data File : BF120349.D
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Operator : MA/SJ
Sample : L2682-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

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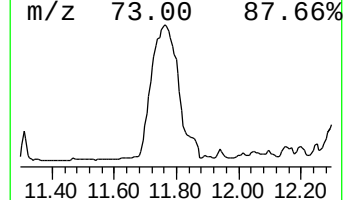
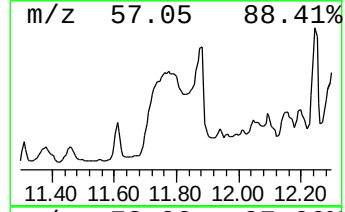
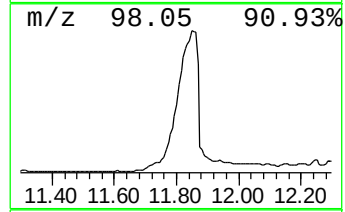
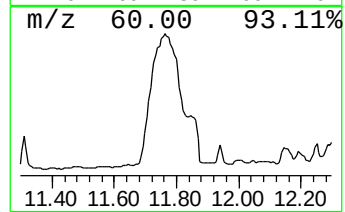
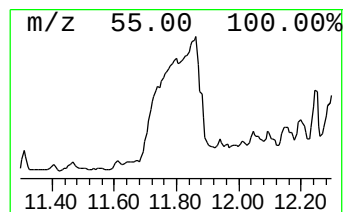
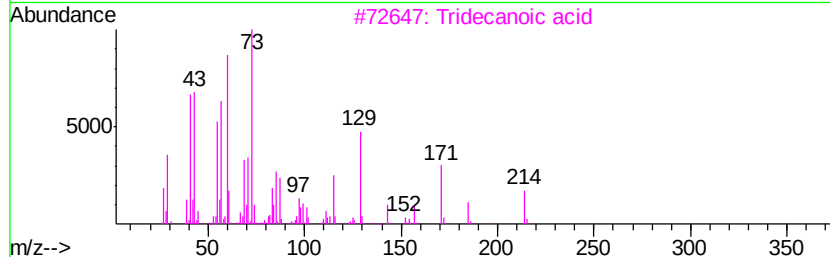
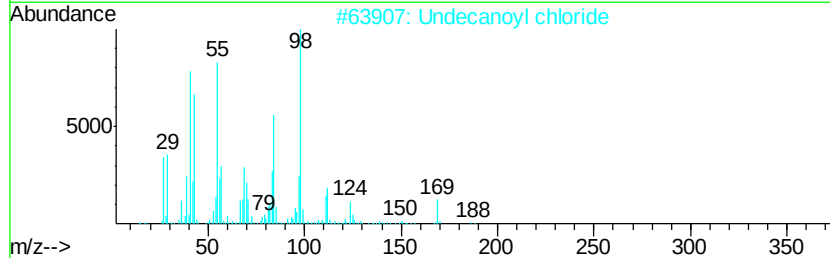
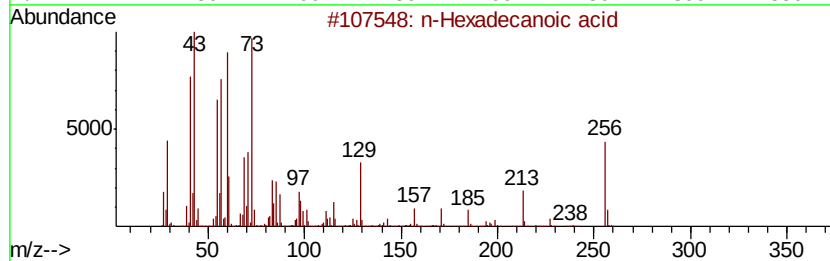
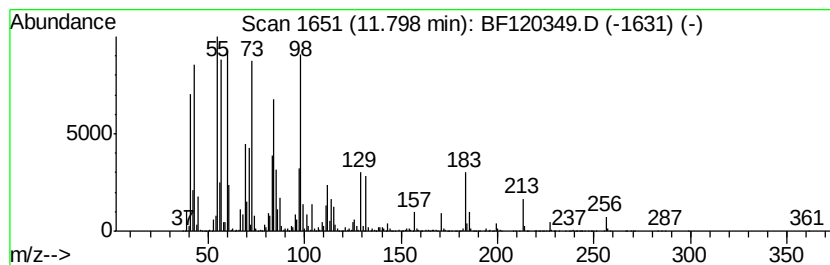
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	148.14 ng	62846700	Phenanthrene-d10	11.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52
2		Undecanoyl chloride	204	C11H21ClO	017746-05-3	38
3		Tridecanoic acid	214	C13H26O2	000638-53-9	30
4		n-Decanoic acid	172	C10H20O2	000334-48-5	30
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
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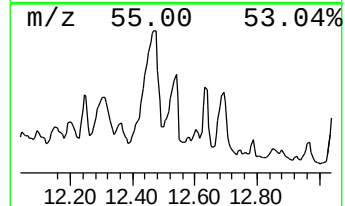
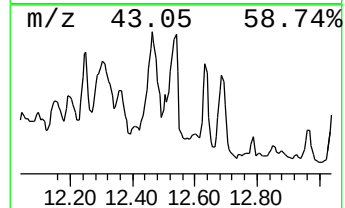
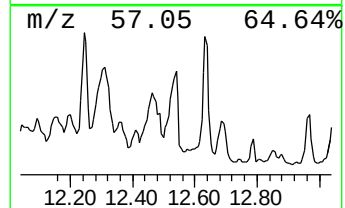
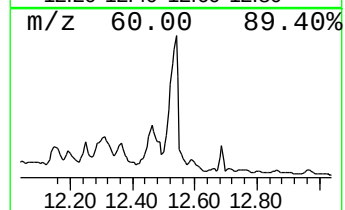
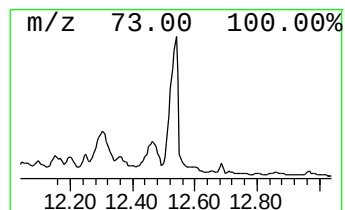
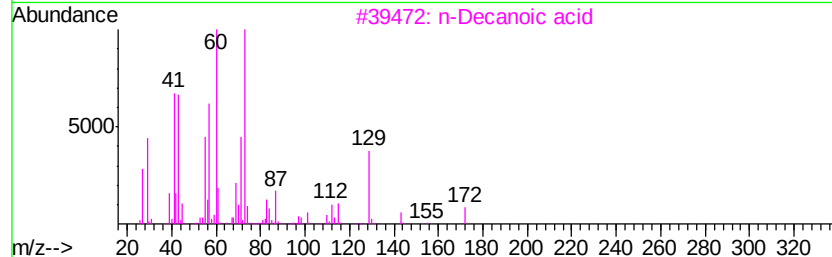
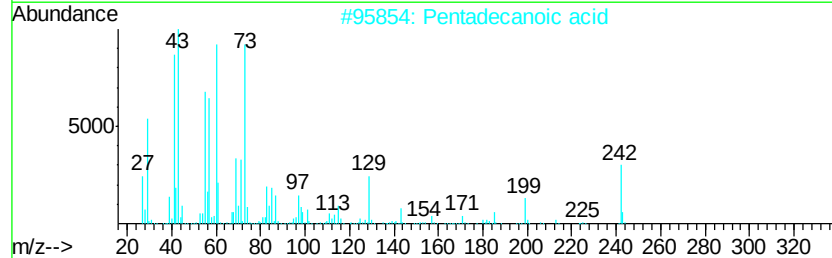
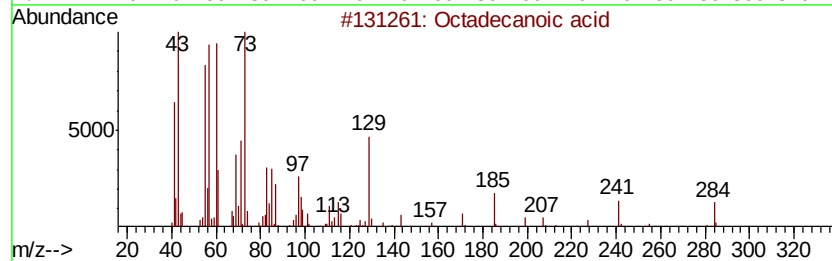
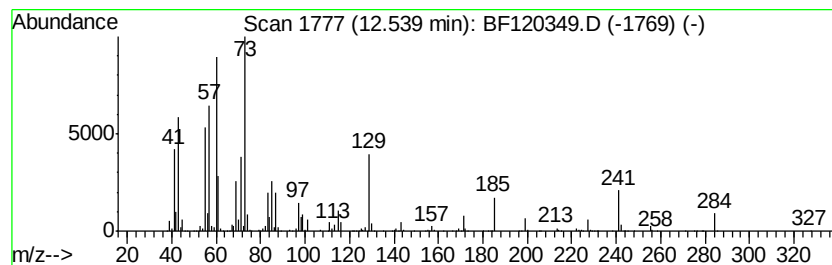
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	243.16 ng	17393100	Chrysene-d12	13.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	87
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3		n-Decanoic acid	172	C10H20O2	000334-48-5	76
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		Dodecanoic acid	200	C12H24O2	000143-07-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
Data File : BF120349.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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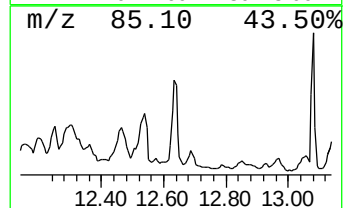
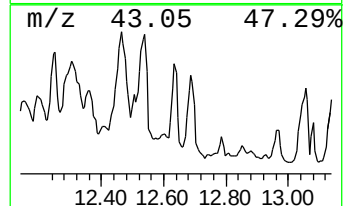
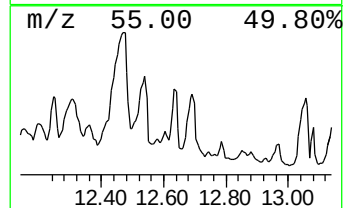
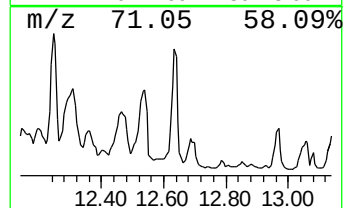
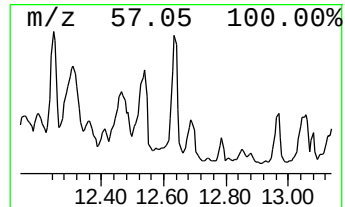
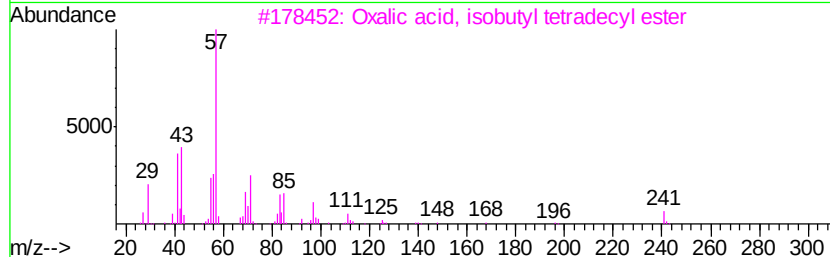
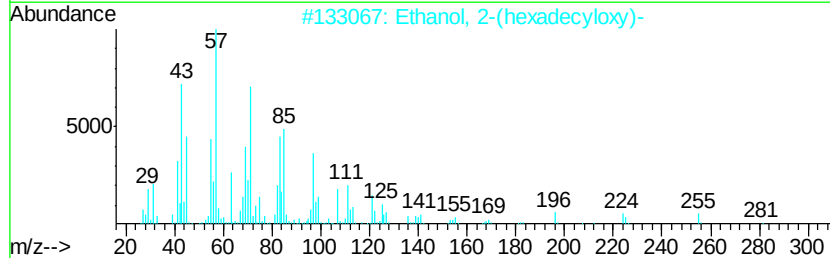
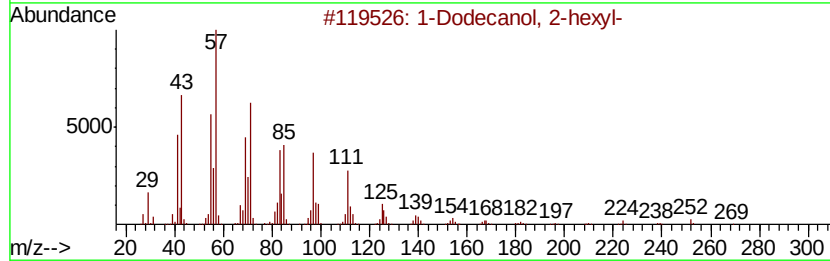
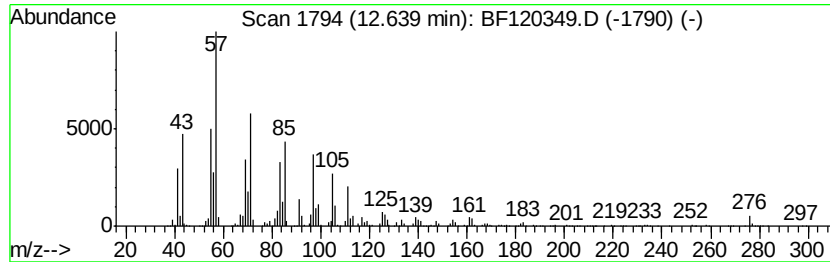
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Dodecanol, 2-hexyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	105.42 ng	7540700	Chrysene-d12	13.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	81
2		Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	72
3		Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	64
4		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	64
5		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	62



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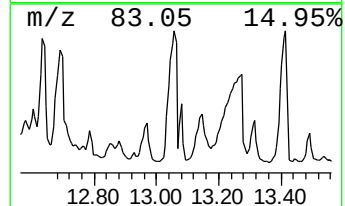
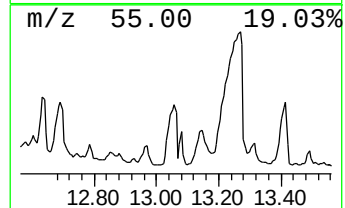
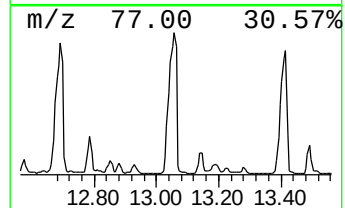
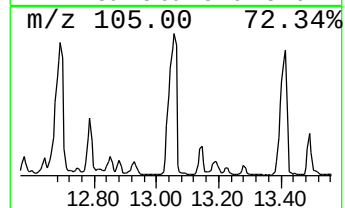
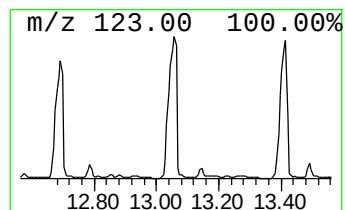
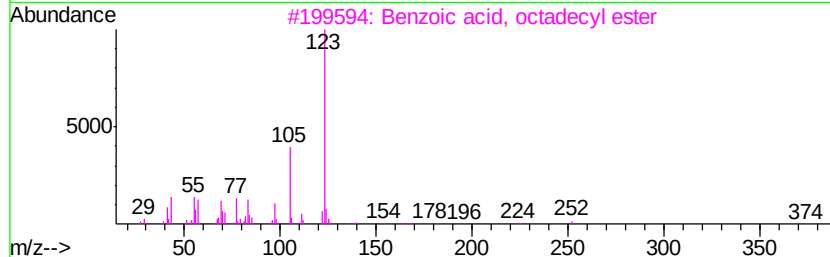
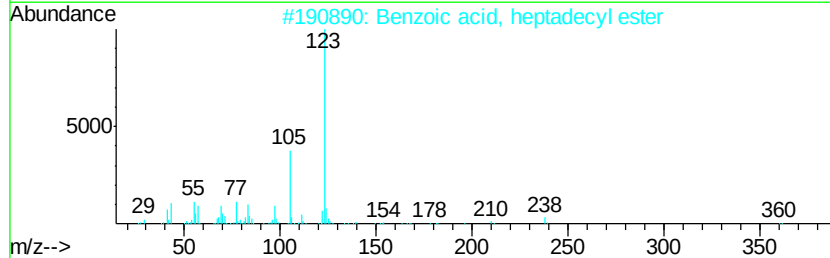
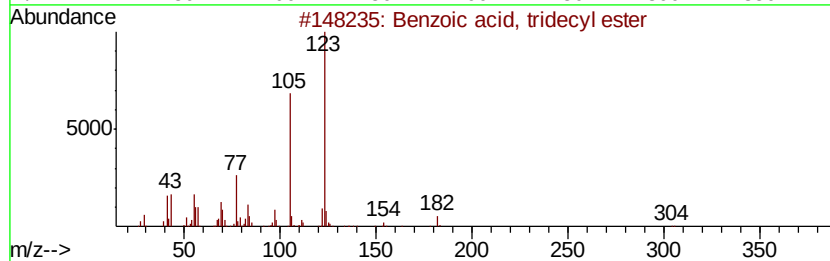
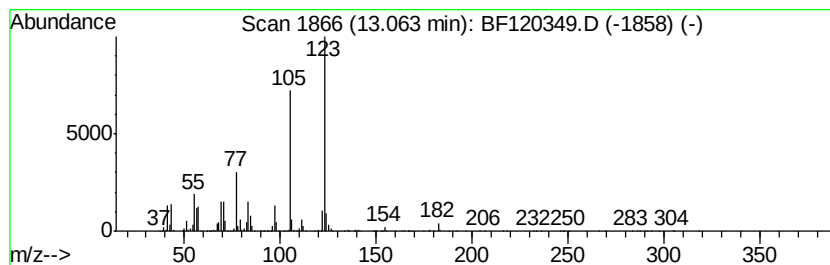
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzoic acid, tridecyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	317.80 ng	22731700	Chrysene-d12	13.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, tridecyl ester	304	C20H32O2	1000340-22-6	91	
2	Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	86	
3	Benzoic acid, octadecyl ester	374	C25H42O2	1000340-23-1	83	
4	Benzoic acid, eicosyl ester	402	C27H46O2	1000340-23-3	80	
5	Benzoic acid, octyl ester	234	C15H22O2	000094-50-8	80	



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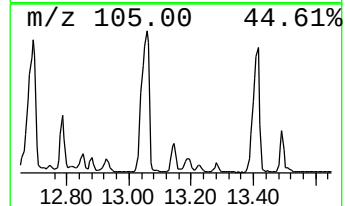
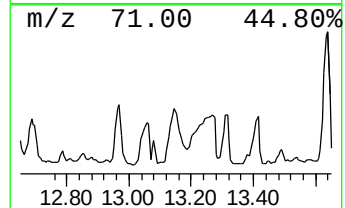
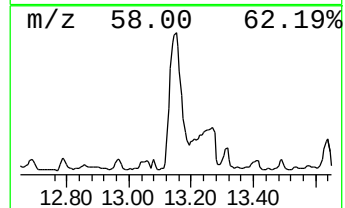
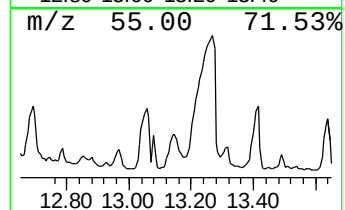
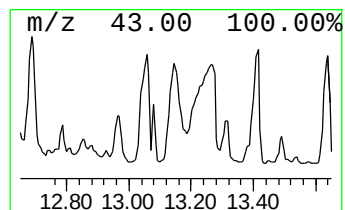
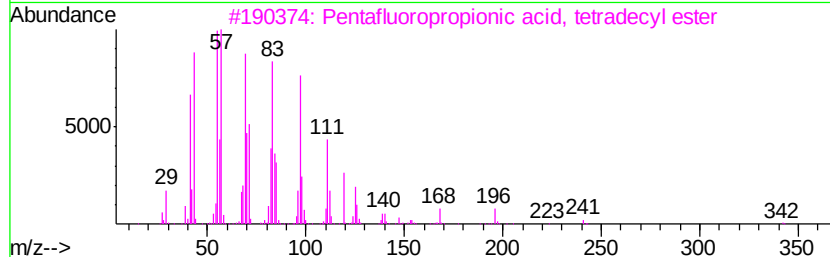
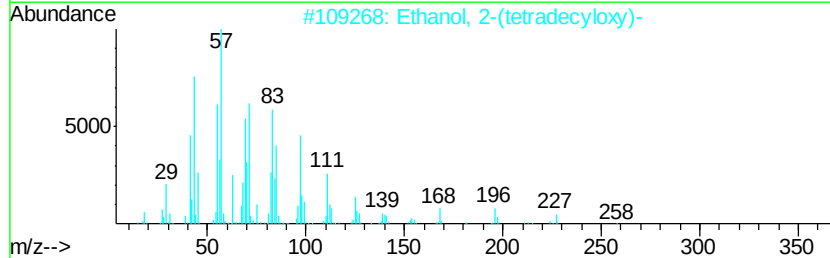
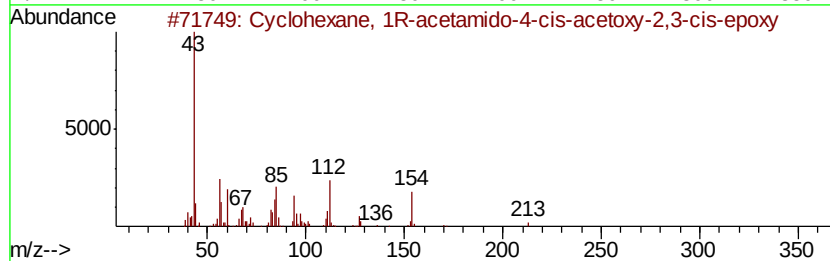
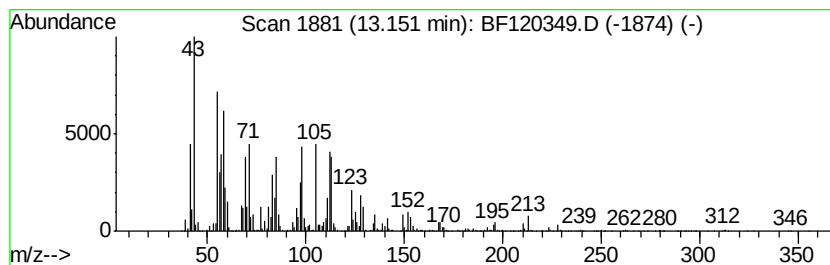
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown13.15 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	159.80 ng	11430000	Chrysene-d12	13.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1R-acetamido-4-cis-...	213	C10H15N04	077803-85-1	30
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	30
3		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	25
4		2-Tetradecene, (E)-	196	C14H28	035953-54-9	25
5		Dichloroacetic acid, 4-tetradecy...	324	C16H30Cl2O2	1000280-64-6	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
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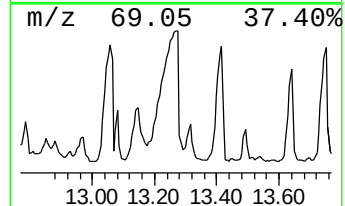
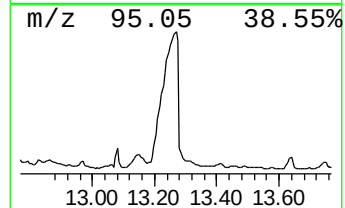
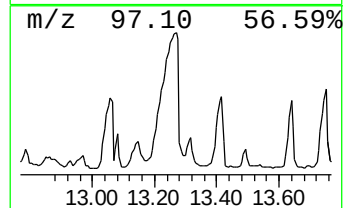
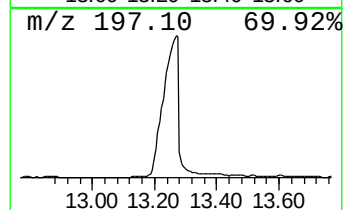
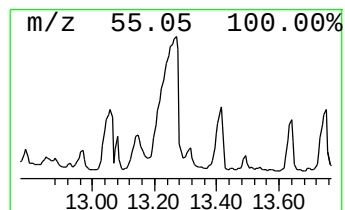
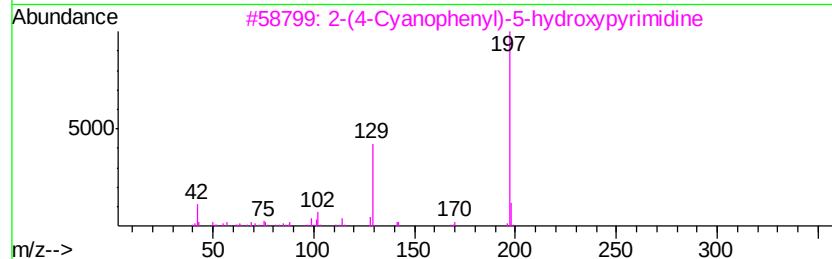
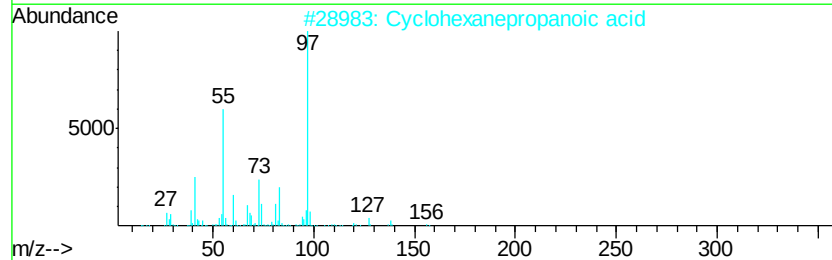
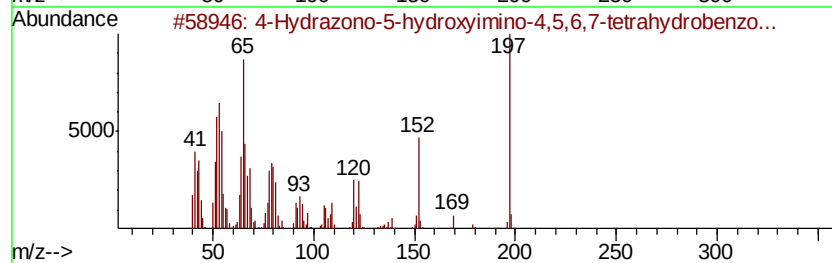
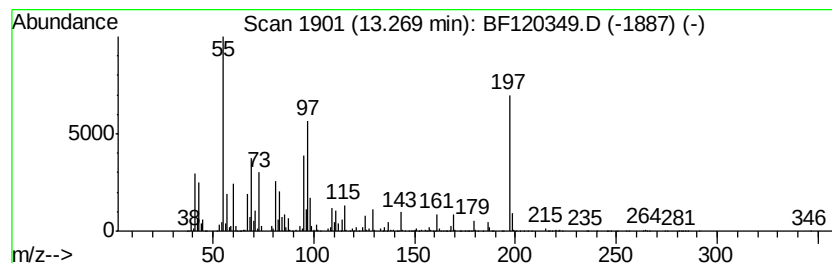
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4-Hydrazono-5-hydroxyimino-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	549.39 ng	39297000	Chrysene-d12	13.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Hydrazono-5-hydroxyimino-4,5,6...	197	C6H7N5O3	303194-86-7	56
2		Cyclohexanepropanoic acid	156	C9H16O2	000701-97-3	27
3		2-(4-Cyanophenyl)-5-hydroxypyrim...	197	C11H7N3O	150405-59-7	14
4		Oxazole, 5-(5-methylthio-2-thien...	197	C8H7NOS2	1000269-39-0	14
5		5-Amino-3-methylpyrazole	97	C4H7N3	031230-17-8	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
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ALS Vial : 12 Sample Multiplier: 1

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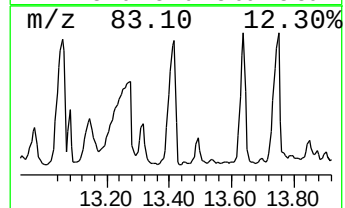
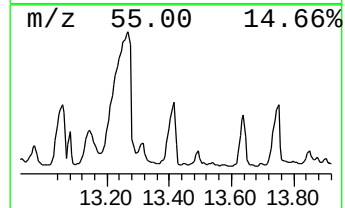
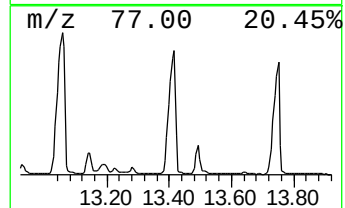
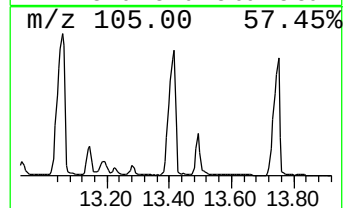
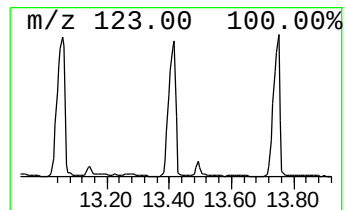
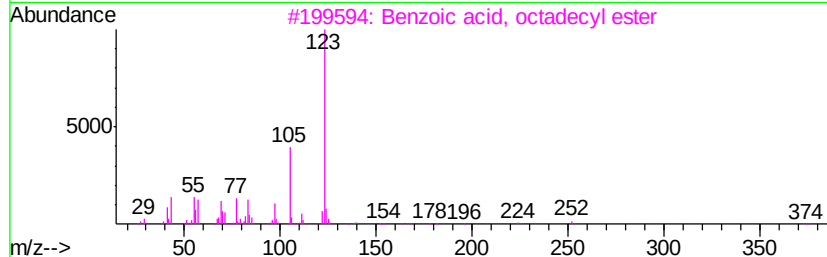
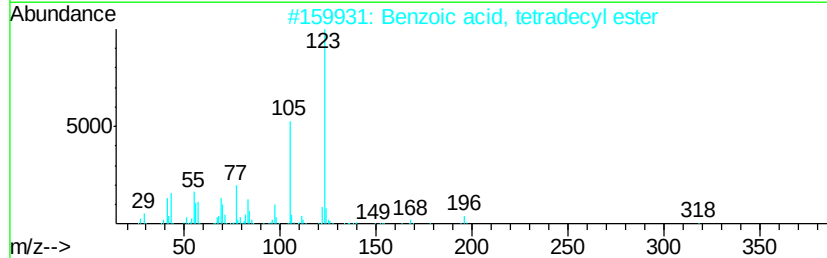
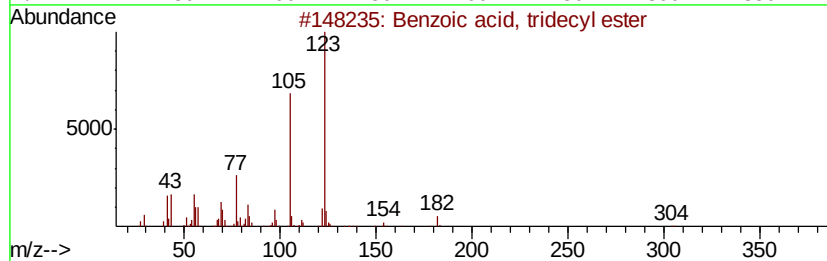
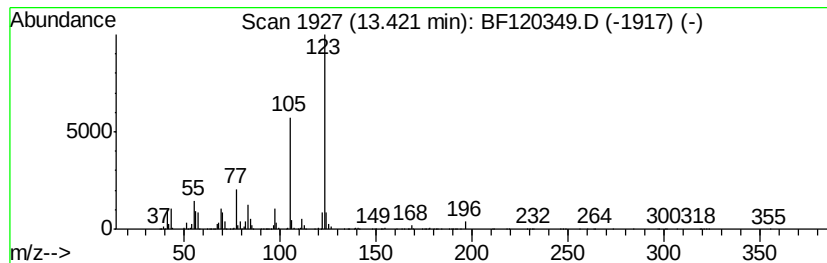
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzoic acid, tridecyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	266.47 ng	19060500	Chrysene-d12	13.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, tridecyl ester	304	C20H32O2	1000340-22-6	91
2		Benzoic acid, tetradecyl ester	318	C21H34O2	1000340-22-7	91
3		Benzoic acid, octadecyl ester	374	C25H42O2	1000340-23-1	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\BF051820\
Data File : BF120349.D
Acq On : 18 May 2020 18:39
Operator : MA/SJ
Sample : L2682-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

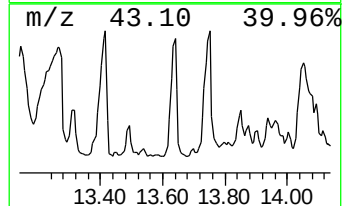
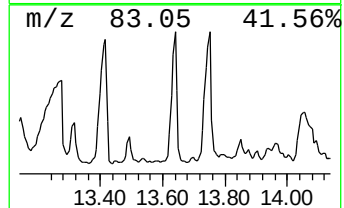
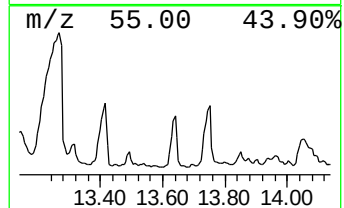
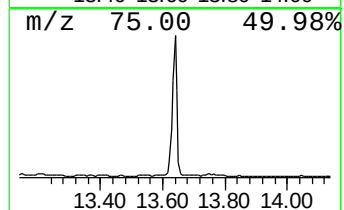
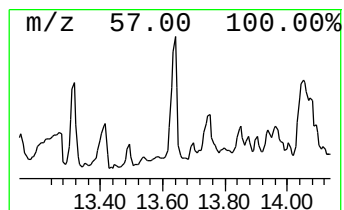
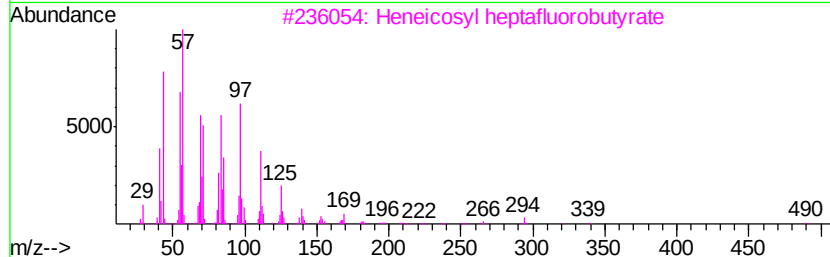
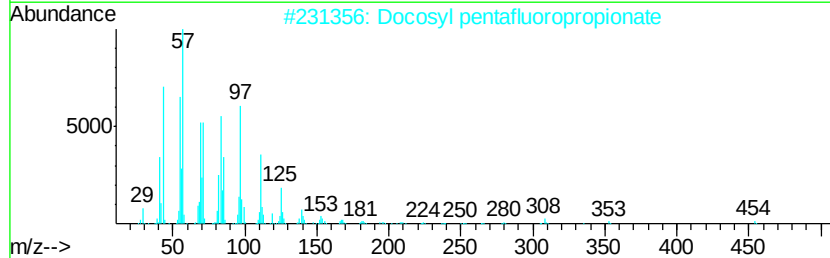
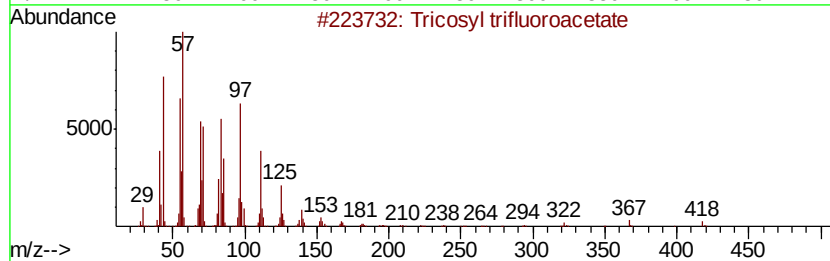
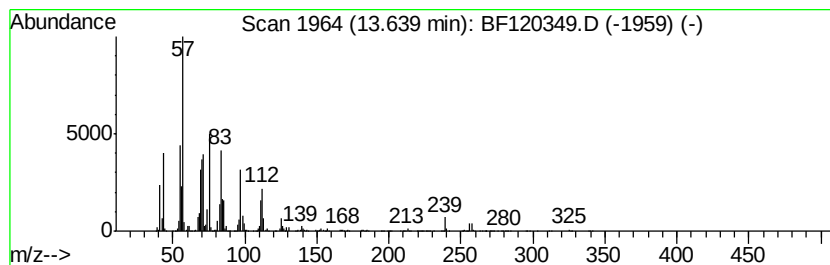
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown13.64 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	143.29 ng	10249300	Chrysene-d12	13.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	49
2		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	47
3		Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	46
4		Heptafluorobutyric acid, n-octadec...	466	C22H37F7O2	000400-57-7	43
5		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
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ClientSampleId :
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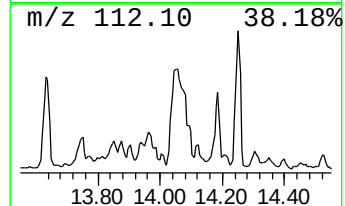
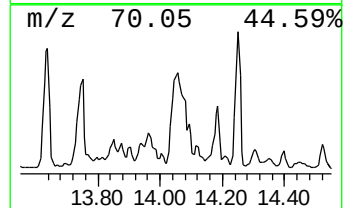
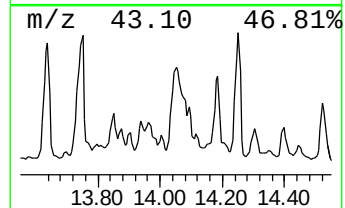
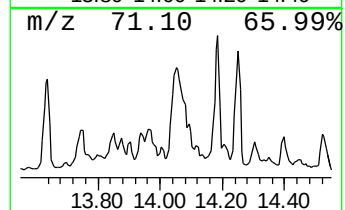
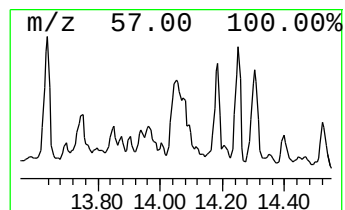
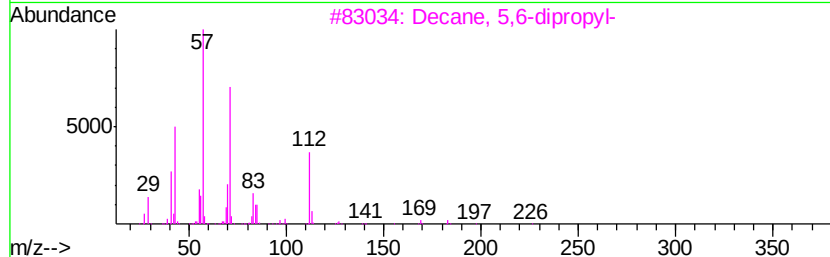
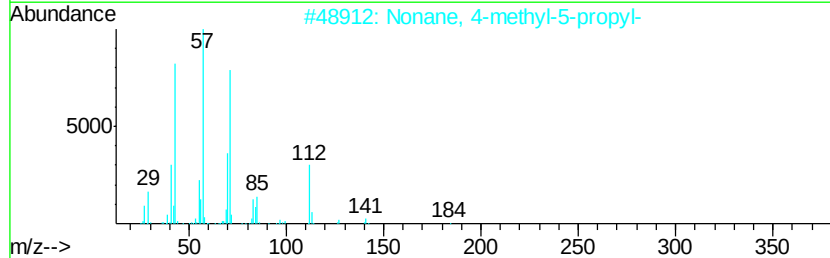
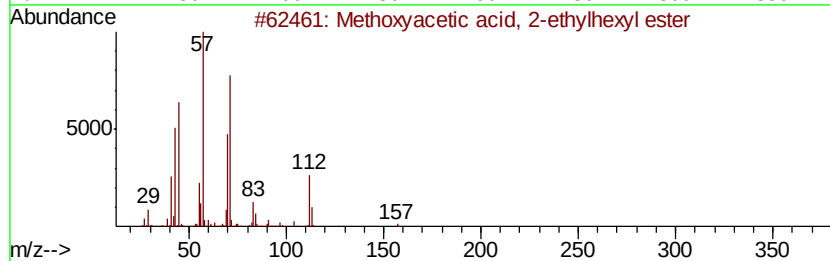
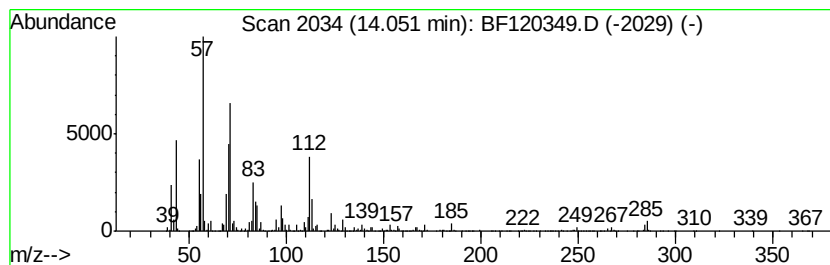
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Methoxyacetic acid, 2-ethyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	154.70 ng	11065600	Chrysene-d12	13.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methoxyacetic acid, 2-ethylhexyl...	202	C11H22O3	1000282-41-4	64
2		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	58
3		Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	50
4		Oxalic acid, 2-ethylhexyl tetrad...	398	C24H46O4	1000309-39-7	43
5		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
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Sample : L2682-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

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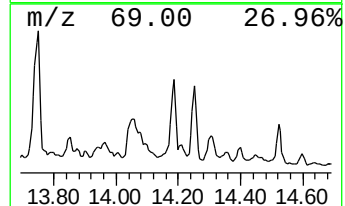
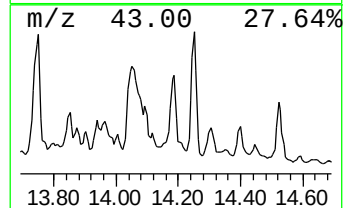
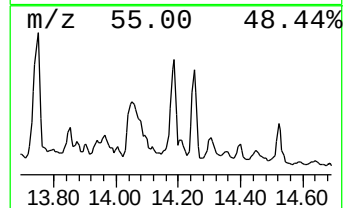
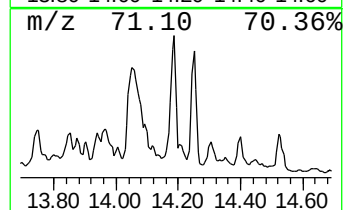
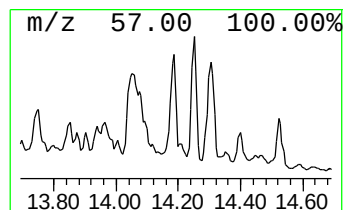
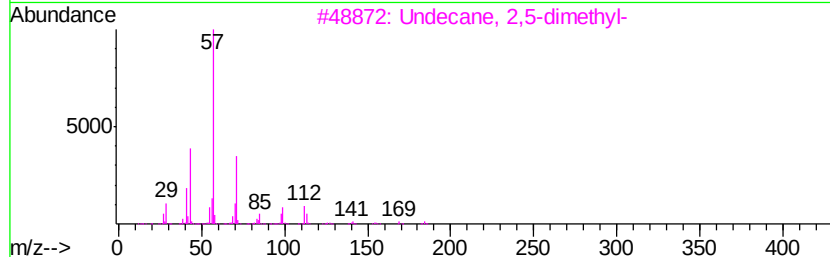
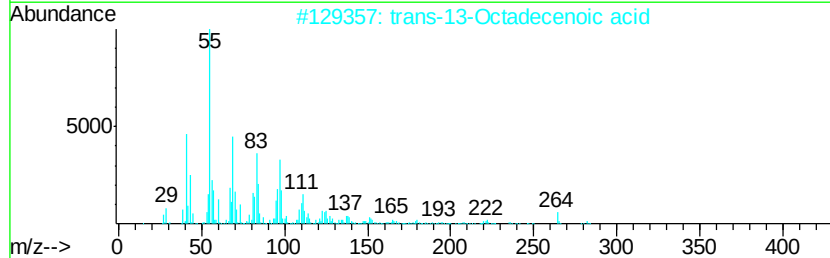
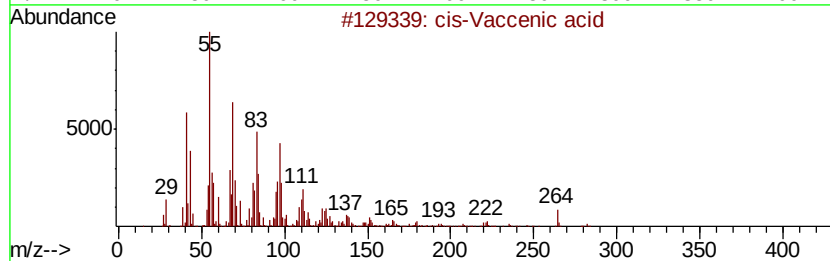
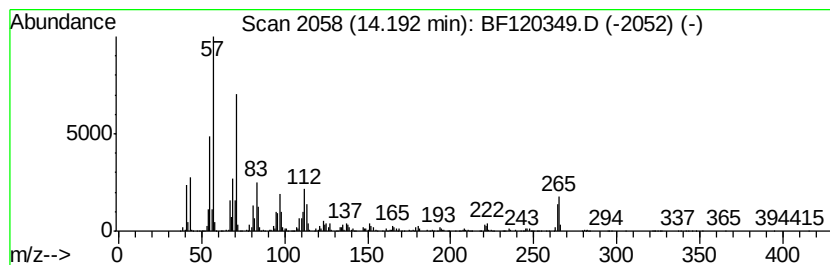
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 cis-Vaccenic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	90.94 ng	6504800	Chrysene-d12	13.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-Vaccenic acid	282	C18H34O2	000506-17-2	80
2			trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	55
3			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	55
4			9-Eicosene, (E)-	280	C20H40	074685-29-3	47
5			Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
Data File : BF120349.D
Acq On : 18 May 2020 18:39
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Misc :
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Instrument :
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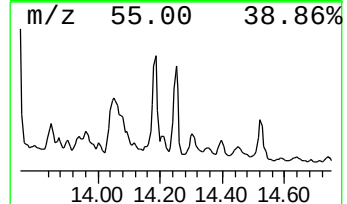
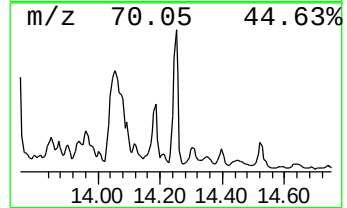
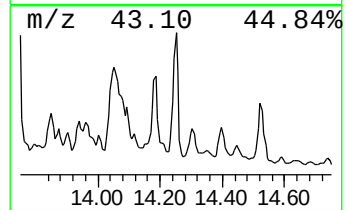
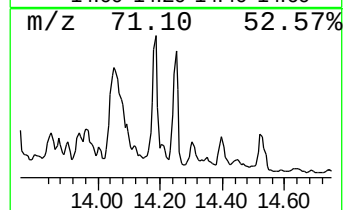
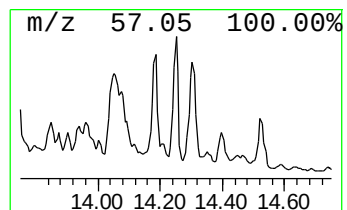
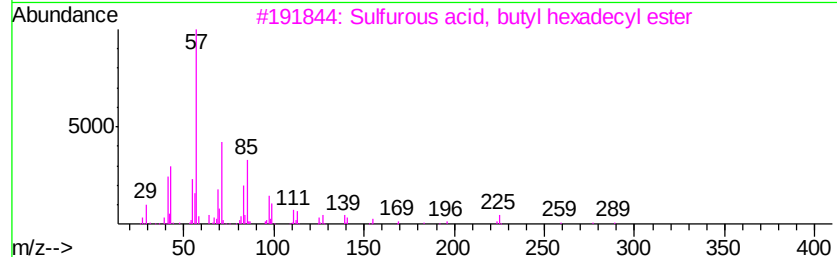
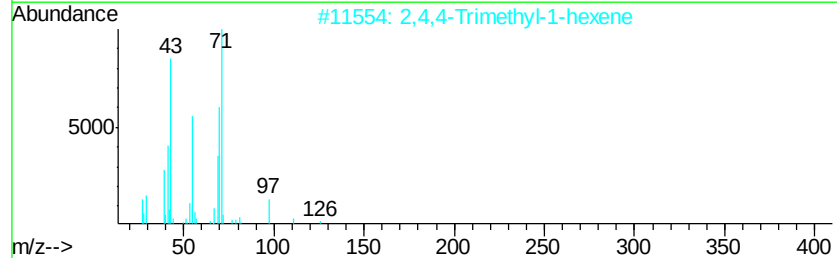
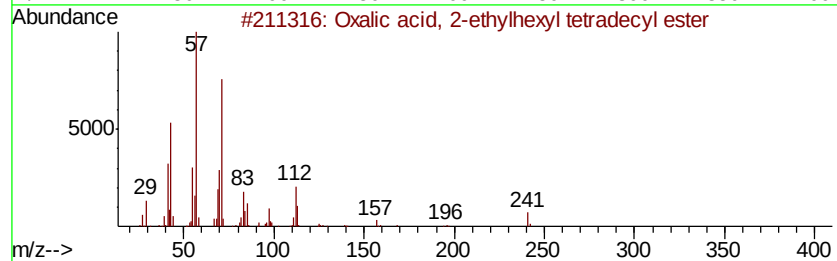
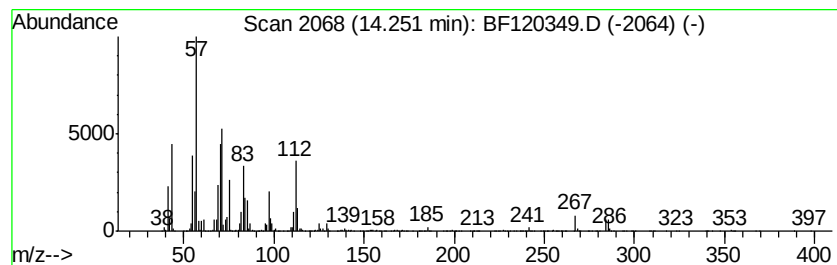
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Oxalic acid, 2-ethylhexyl t... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	115.97 ng	8295260	Chrysene-d12	13.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, 2-ethylhexyl tetrad...	398	C24H46O4	1000309-39-7	50
2		2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	38
3		Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	38
4		9-Eicosene, (E)-	280	C20H40	074685-29-3	38
5		Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
Data File : BF120349.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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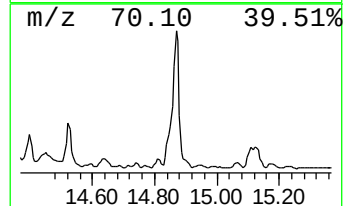
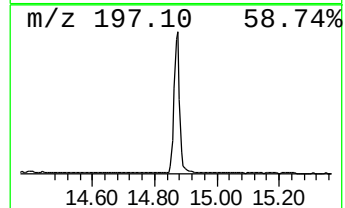
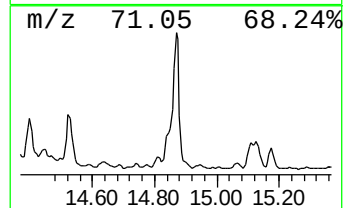
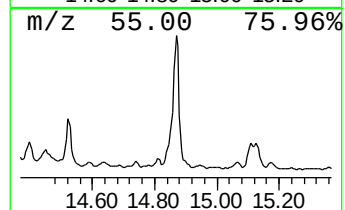
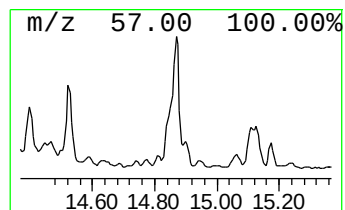
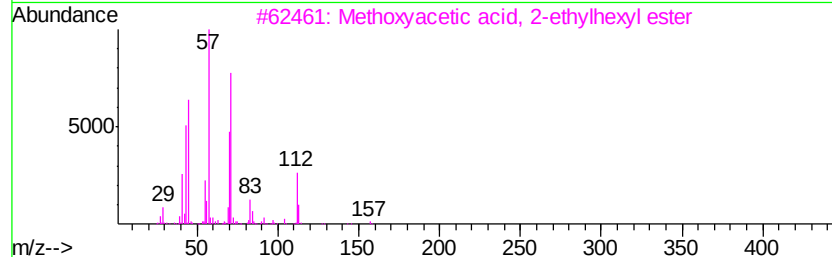
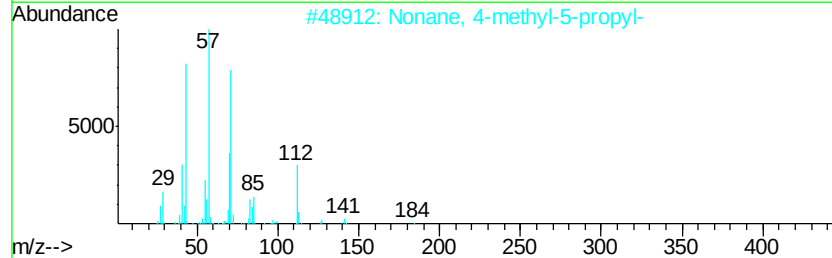
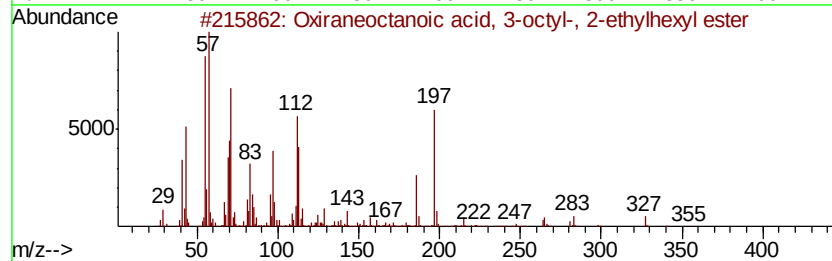
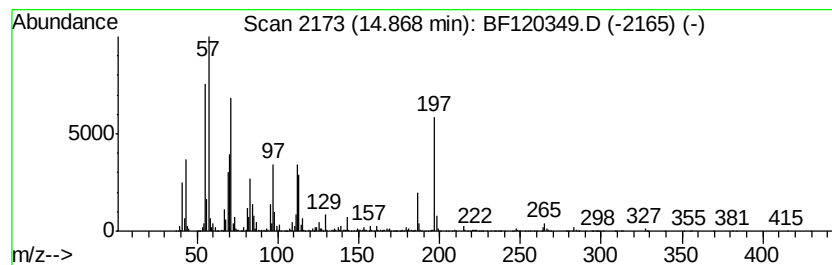
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Oxiraneoctanoic acid, 3-oct... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	114.91 ng	11525500	Perylene-d12	15.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxiraneoctanoic acid, 3-octyl-, ...	410	C26H50O3	000141-38-8	58
2		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	41
3		Methoxyacetic acid, 2-ethylhexyl...	202	C11H22O3	1000282-41-4	38
4		Isobutyl octan-2-yl carbonate	230	C13H26O3	1000372-74-7	35
5		2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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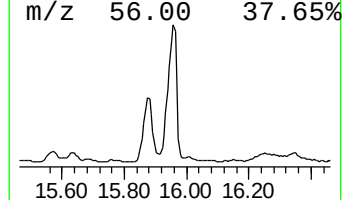
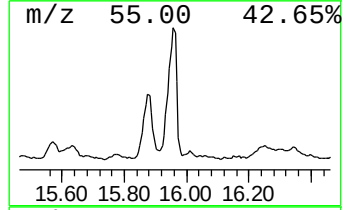
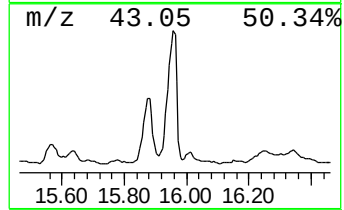
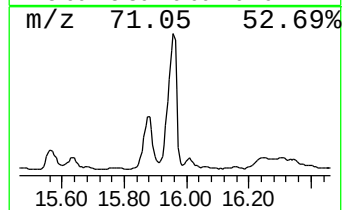
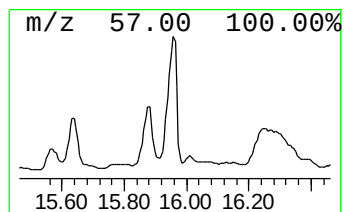
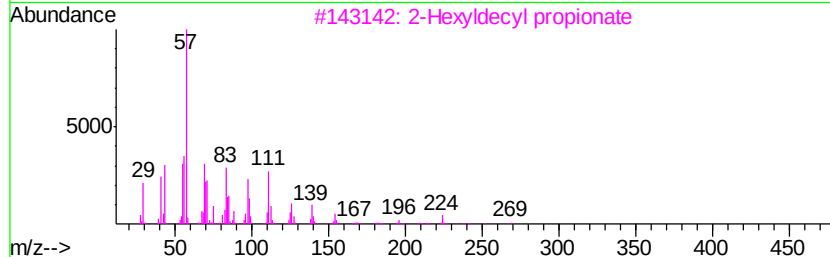
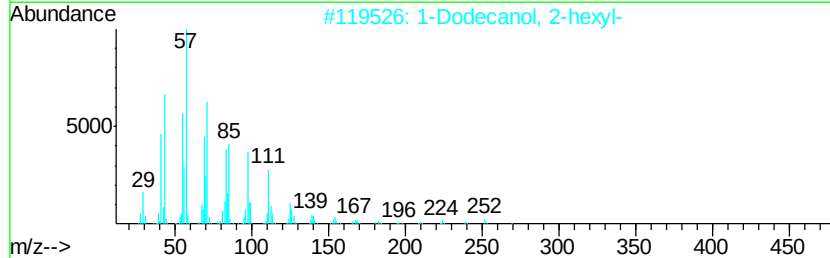
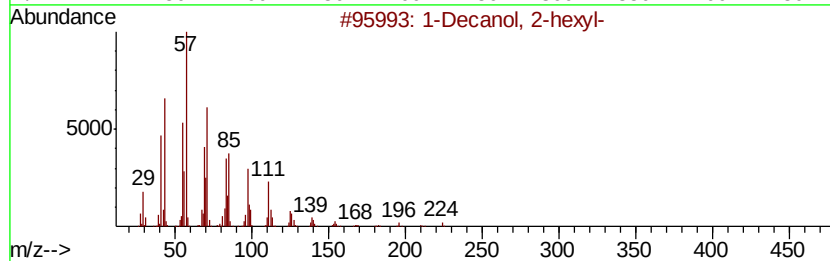
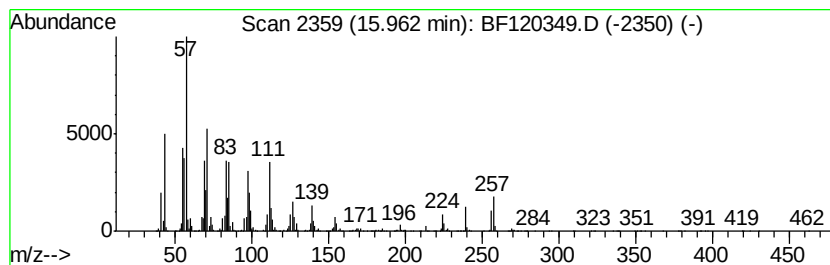
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1-Decanol, 2-hexyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	139.54 ng	13995900	Perylene-d12	15.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	62
2		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	62
3		2-Hexyldecyl propionate	298	C19H38O2	1072781-99-7	60
4		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	58
5		2-Hexyl-1-octanol	214	C14H30O	019780-79-1	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
Data File : BF120349.D
Acq On : 18 May 2020 18:39
Operator : MA/SJ
Sample : L2682-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

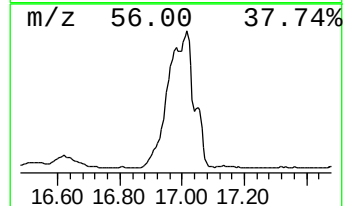
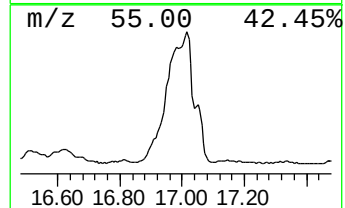
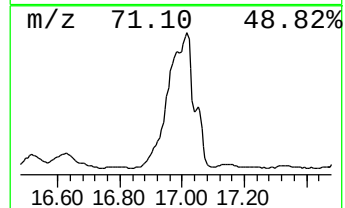
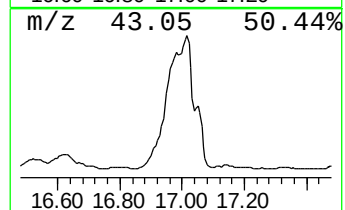
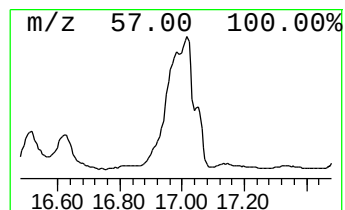
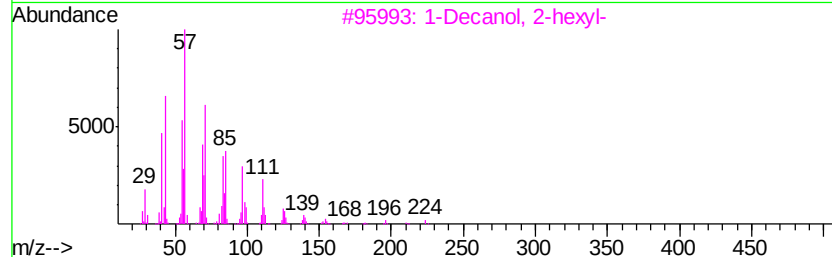
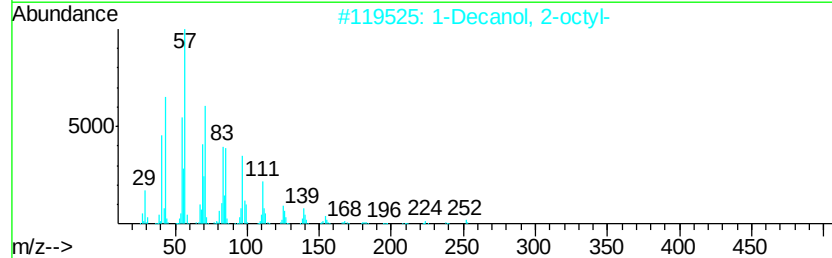
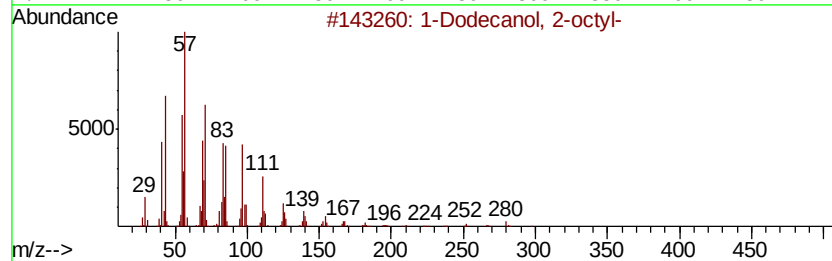
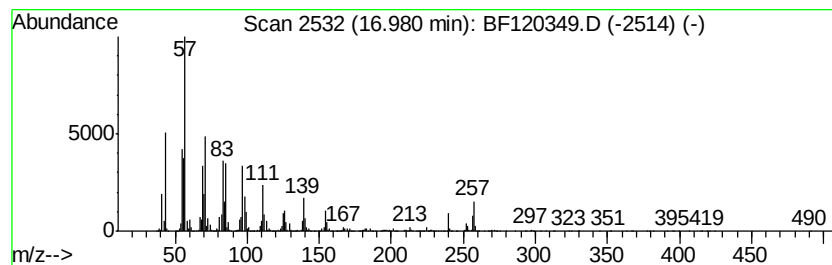
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1-Dodecanol, 2-octyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	194.35 ng	19494100	Perylene-d12	15.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	81
2		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	76
3		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	76
4		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	76
5		Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
Data File : BF120349.D
Acq On : 18 May 2020 18:39
Operator : MA/SJ
Sample : L2682-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

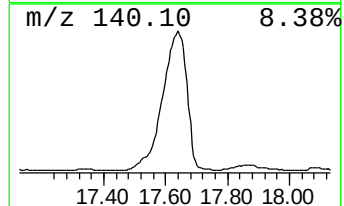
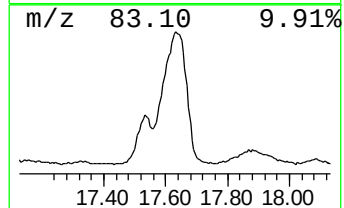
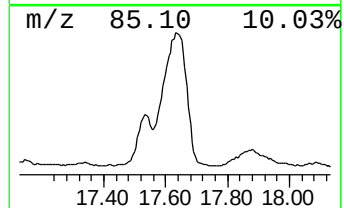
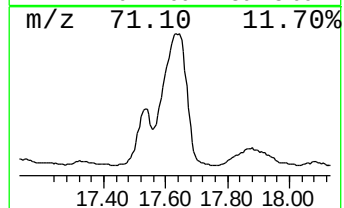
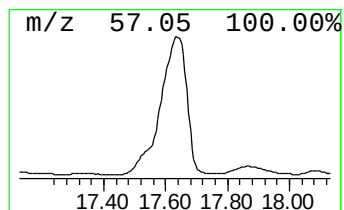
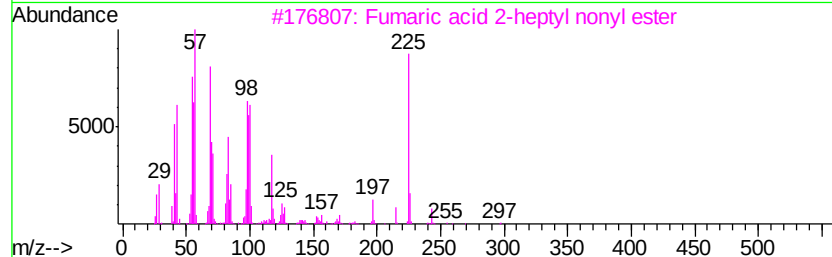
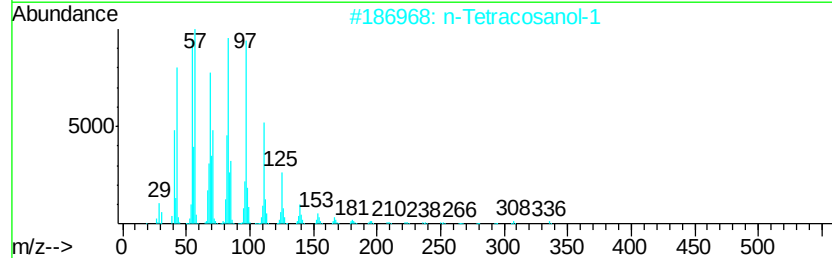
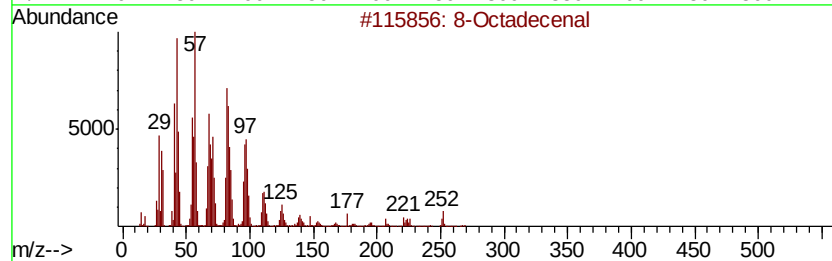
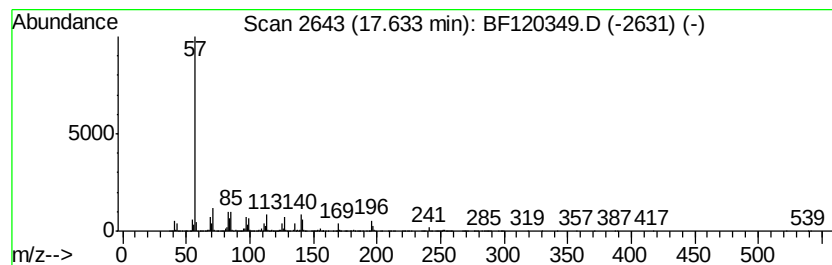
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
17.63	316.45 ng	31740500	Perylene-d12	15.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8-Octadecenal	266	C18H34O	056554-94-0	53
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	50
3		Fumaric acid 2-heptyl nonyl ester	340	C20H36O4	1000347-86-8	43
4		Trichloroacetic acid, undecyl ester	316	C13H23Cl3O2	074339-49-4	42
5		1-Heptadecene	238	C17H34	006765-39-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
Data File : BF120349.D
Acq On : 18 May 2020 18:39
Operator : MA/SJ
Sample : L2682-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

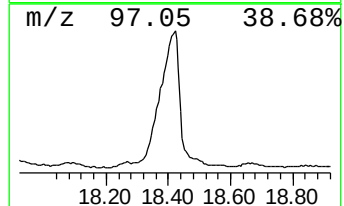
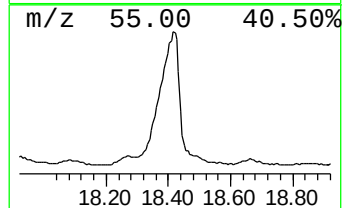
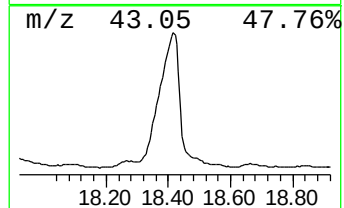
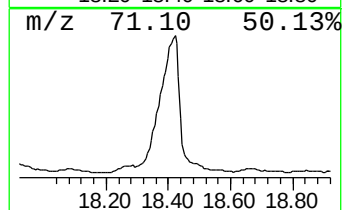
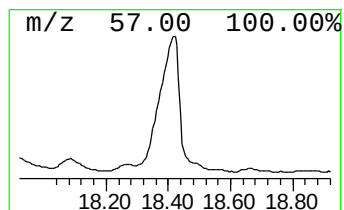
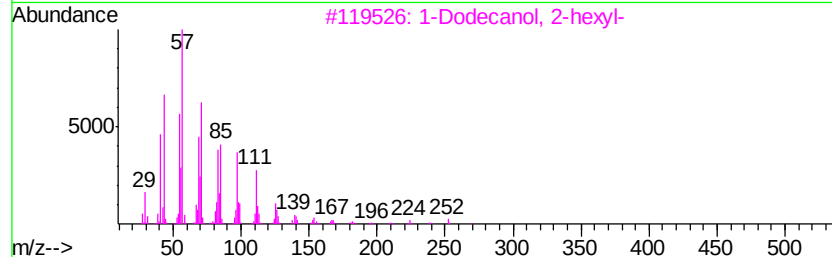
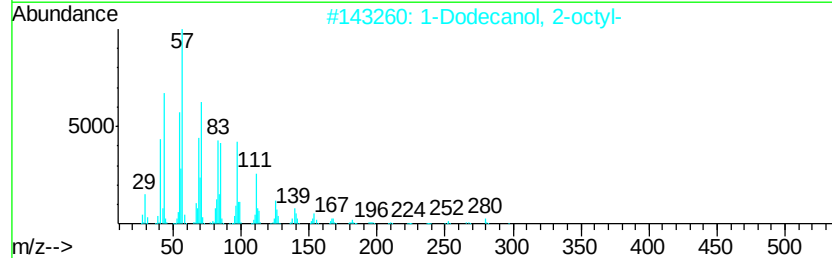
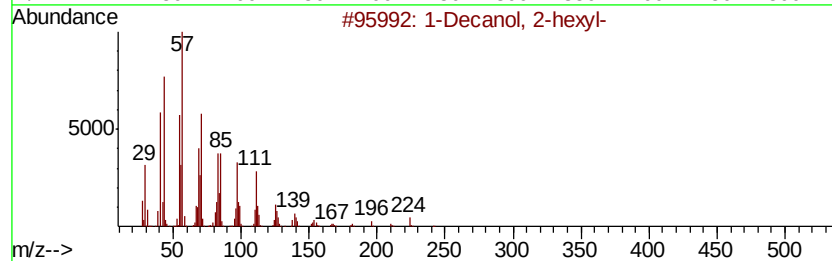
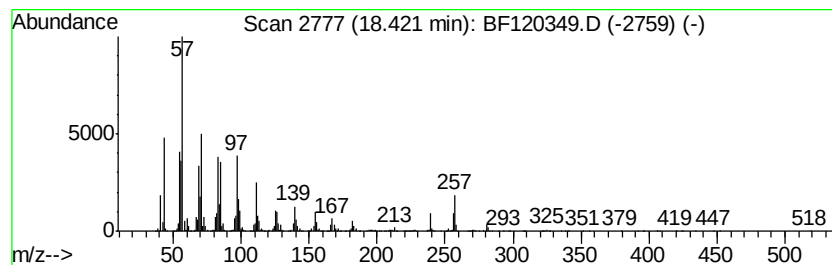
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Decanol, 2-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	298.01 ng	29890900	Perylene-d12	15.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	86
2		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	81
3		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	76
4		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	72
5		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051820\
 Data File : BF120349.D
 Acq On : 18 May 2020 18:39
 Operator : MA/SJ
 Sample : L2682-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.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
1-Hexanol, 2-ethyl-	6.77	1301.0	ng	99010200	1	6.60	1522120	20.0
Dodecanoic acid	10.10	508.4	ng	94772300	3	9.65	3728240	20.0
1-Octanol, 5,7,7-...	10.78	119.6	ng	50733200	4	11.16	8485030	20.0
Tetradecanoic acid	11.00	123.5	ng	52402200	4	11.16	8485030	20.0
n-Hexadecanoic acid	11.80	148.1	ng	62846700	4	11.16	8485030	20.0
Octadecanoic acid	12.54	243.2	ng	17393100	5	13.77	1430580	20.0
1-Dodecanol, 2-he...	12.64	105.4	ng	7540700	5	13.77	1430580	20.0
Benzoic acid, tri...	13.06	317.8	ng	22731700	5	13.77	1430580	20.0
unknown13.15	13.15	159.8	ng	11430000	5	13.77	1430580	20.0
4-Hydrazono-5-hyd...	13.27	549.4	ng	39297000	5	13.77	1430580	20.0
Benzoic acid, tri...	13.42	266.5	ng	19060500	5	13.77	1430580	20.0
unknown13.64	13.64	143.3	ng	10249300	5	13.77	1430580	20.0
Methoxyacetic aci...	14.05	154.7	ng	11065600	5	13.77	1430580	20.0
cis-Vaccenic acid	14.19	90.9	ng	6504800	5	13.77	1430580	20.0
Oxalic acid, 2-et...	14.25	116.0	ng	8295260	5	13.77	1430580	20.0
Oxiraneoctanoic a...	14.87	114.9	ng	11525500	6	15.15	2006070	20.0
1-Decanol, 2-hexyl-	15.96	139.5	ng	13995900	6	15.15	2006070	20.0
1-Dodecanol, 2-oc...	16.98	194.3	ng	19494100	6	15.15	2006070	20.0
8-Octadecenal	17.63	316.4	ng	31740500	6	15.15	2006070	20.0
1-Decanol, 2-octyl-	18.42	298.0	ng	29890900	6	15.15	2006070	20.0