

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073120\
 Data File : BF121155.D
 Acq On : 31 Jul 2020 13:52
 Operator : JU/CG
 Sample : L3518-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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	3.828	291	296	304	rVB	33056	46865	1.52%	0.151%
2	5.004	493	496	507	rVB	56170	79667	2.58%	0.256%
3	5.416	562	566	579	rBV	2291760	2408272	78.07%	7.735%
4	6.439	735	740	752	rBV	2213648	2412261	78.19%	7.748%
5	6.628	769	772	786	rVB	50460	55609	1.80%	0.179%
6	6.798	797	801	804	rBV	883196	749276	24.29%	2.407%
7	6.951	824	827	830	rBV	222547	169861	5.51%	0.546%
8	7.363	891	897	900	rBV	1649549	1727301	55.99%	5.548%
9	8.081	1012	1019	1027	rBV	1133303	1036817	33.61%	3.330%
10	9.157	1197	1202	1205	rBV	3152919	3084945	100.00%	9.909%
11	9.275	1217	1222	1225	rBV	128778	122113	3.96%	0.392%
12	9.551	1262	1269	1278	rVB	330143	296839	9.62%	0.953%
13	9.786	1298	1309	1313	rBV4	75250	206996	6.71%	0.665%
14	9.833	1313	1317	1321	rVB	1143210	1117325	36.22%	3.589%
15	10.627	1444	1452	1456	rBV	1904583	1854130	60.10%	5.955%
16	10.739	1467	1471	1475	rVB2	71629	90204	2.92%	0.290%
17	11.116	1531	1535	1541	rBV2	47550	51706	1.68%	0.166%
18	11.210	1546	1551	1558	rVB4	16639	32829	1.06%	0.105%
19	11.321	1566	1570	1573	rBV	1307116	1162598	37.69%	3.734%
20	11.345	1573	1574	1578	rVB	61249	38063	1.23%	0.122%
21	11.439	1586	1590	1595	rBV3	39937	61967	2.01%	0.199%
22	11.551	1606	1609	1616	rVB	65657	79224	2.57%	0.254%
23	11.763	1639	1645	1652	rVB5	46892	78494	2.54%	0.252%
24	11.827	1652	1656	1658	rBV2	45702	50355	1.63%	0.162%
25	11.857	1658	1661	1664	rVB	99612	90603	2.94%	0.291%
26	11.933	1669	1674	1677	rVV3	29480	32182	1.04%	0.103%
27	12.374	1746	1749	1752	rBV	57269	59088	1.92%	0.190%
28	12.457	1761	1763	1769	rVB4	33812	35168	1.14%	0.113%
29	12.539	1774	1777	1781	rVV	86185	80915	2.62%	0.260%
30	12.592	1783	1786	1791	rVB4	27604	31004	1.01%	0.100%
31	12.763	1812	1815	1817	rBV	109668	89586	2.90%	0.288%
32	12.910	1834	1840	1844	rBV	2894503	3045051	98.71%	9.780%
33	12.980	1849	1852	1861	rVB4	21553	40972	1.33%	0.132%
34	13.121	1873	1876	1882	rBV2	109726	169537	5.50%	0.545%

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ALS Vial : 9 Sample Multiplier: 1

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.198	1885	1889	1892	rVB4	39310	53243	1.73%	0.171%
36	13.480	1933	1937	1944	rBV2	44056	74272	2.41%	0.239%
37	13.598	1955	1957	1961	rVB	45484	46419	1.50%	0.149%
38	13.810	1989	1993	2000	rBV	777832	993717	32.21%	3.192%
39	13.963	2015	2019	2022	rBV	995082	895287	29.02%	2.876%
40	14.045	2029	2033	2035	rBV4	30460	42543	1.38%	0.137%
41	14.127	2044	2047	2054	rVB2	73813	114204	3.70%	0.367%
42	14.251	2065	2068	2072	rVB2	81294	79396	2.57%	0.255%
43	14.351	2081	2085	2088	rBV2	67257	89475	2.90%	0.287%
44	14.445	2094	2101	2107	rBV	670052	1075850	34.87%	3.456%
45	14.533	2113	2116	2118	rBV2	40593	43691	1.42%	0.140%
46	14.645	2131	2135	2139	rBV2	104359	131124	4.25%	0.421%
47	14.733	2145	2150	2153	rBV2	97500	143771	4.66%	0.462%
48	14.762	2153	2155	2159	rVB3	51254	69524	2.25%	0.223%
49	14.839	2165	2168	2172	rVV4	53831	70521	2.29%	0.227%
50	14.880	2172	2175	2181	rVB2	122756	144012	4.67%	0.463%
51	14.968	2186	2190	2192	rBV3	68835	86794	2.81%	0.279%
52	15.068	2202	2207	2210	rBV	344836	414348	13.43%	1.331%
53	15.098	2210	2212	2218	rVV	266032	415732	13.48%	1.335%
54	15.145	2218	2220	2224	rVV	99497	120223	3.90%	0.386%
55	15.180	2224	2226	2231	rVB5	58433	72126	2.34%	0.232%
56	15.321	2247	2250	2253	rBV2	82444	97214	3.15%	0.312%
57	15.415	2261	2266	2274	rBV2	672651	924024	29.95%	2.968%
58	15.639	2300	2304	2309	rVB	194526	255640	8.29%	0.821%
59	15.727	2315	2319	2322	rBV4	56056	79901	2.59%	0.257%
60	15.868	2338	2343	2347	rVB	209903	298531	9.68%	0.959%
61	15.927	2348	2353	2359	rBV2	216810	441611	14.32%	1.418%
62	15.986	2359	2363	2366	rBV	82269	109075	3.54%	0.350%
63	16.098	2379	2382	2393	rVB4	84566	201115	6.52%	0.646%
64	16.192	2395	2398	2403	rVB3	45334	64414	2.09%	0.207%
65	16.645	2469	2475	2485	rVB	641034	1170066	37.93%	3.758%
66	17.039	2535	2542	2550	rBV2	345924	991372	32.14%	3.184%
67	17.115	2552	2555	2569	rVB4	155074	401218	13.01%	1.289%
68	17.745	2657	2662	2670	rBV5	88953	235984	7.65%	0.758%

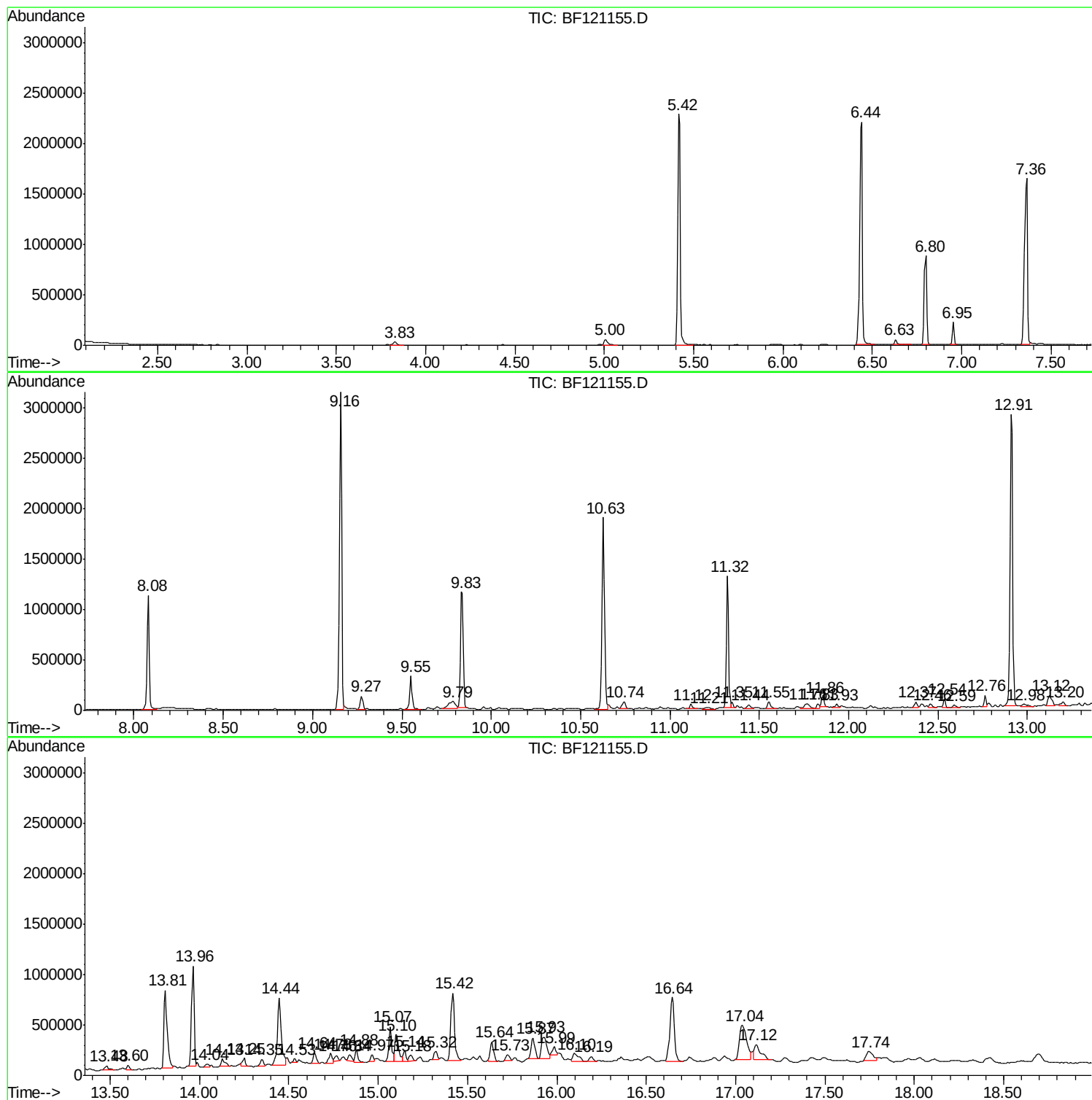
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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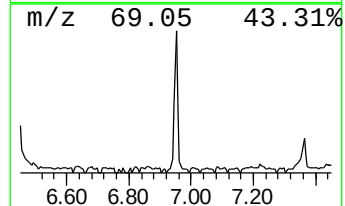
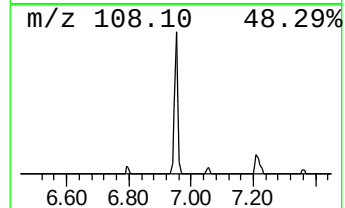
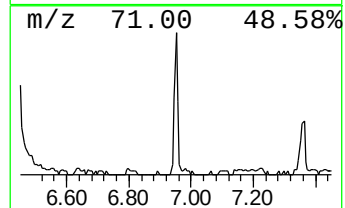
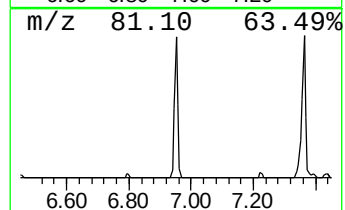
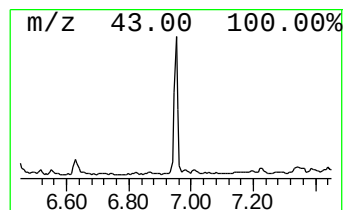
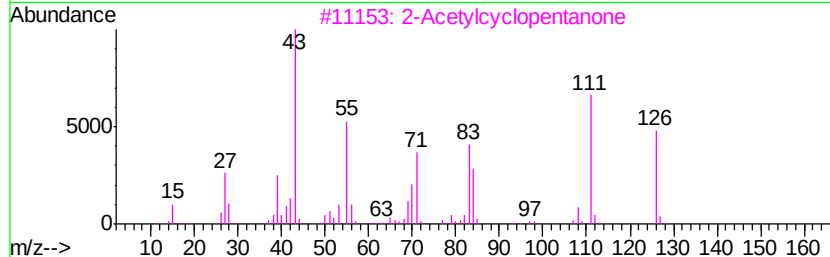
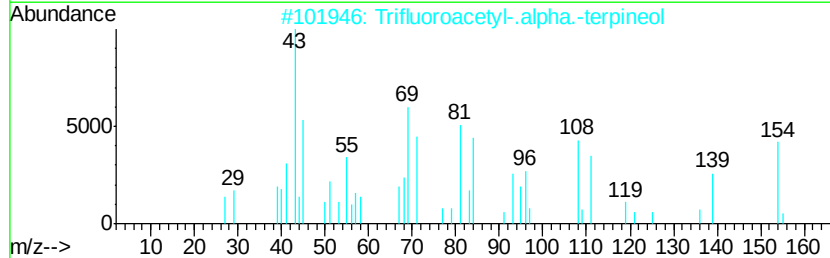
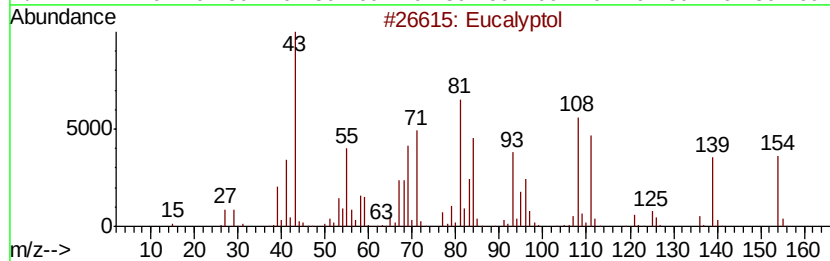
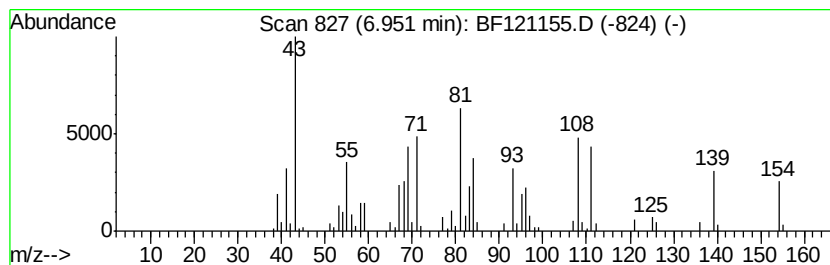
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Eucalyptol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.95	4.53 ng	169861	1,4-Dichlorobenzene-d4	6.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	98
2	Trifluoroacetyl-.alpha.-terpineol	250	C12H17F3O2	1000058-17-6	47
3	2-Acetylcyclopentanone	126	C7H10O2	001670-46-8	27
4	2-Isopropyl-5-methylhex-2-enal	154	C10H18O	035158-25-9	27
5	2-Acetonilycyclohexanone	154	C9H14O2	006126-53-0	22



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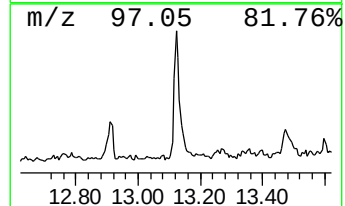
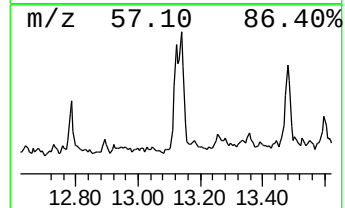
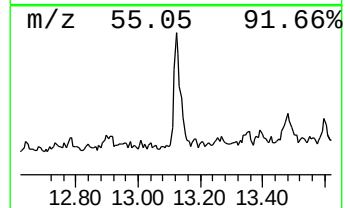
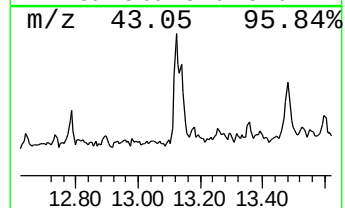
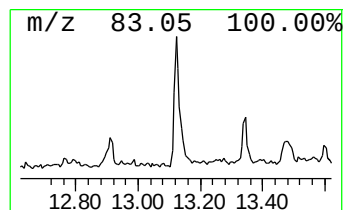
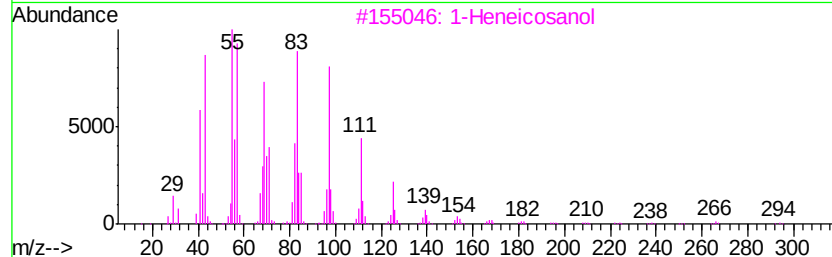
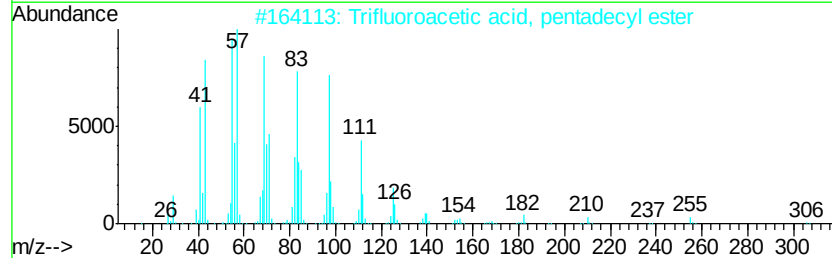
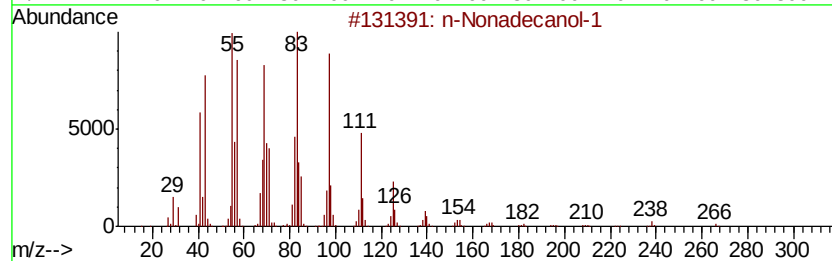
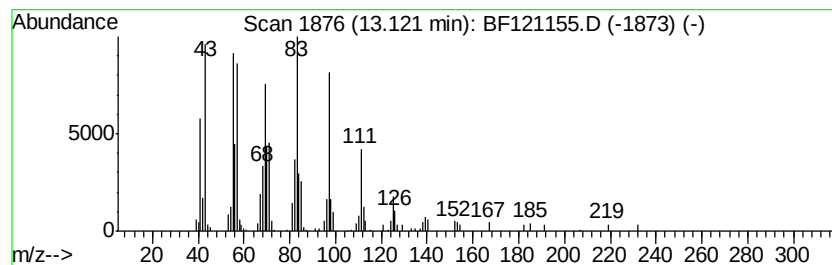
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Nonadecanol-1 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.12	3.79 ng	169537	Chrysene-d12	13.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95	
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93	
3	1-Heneicosanol	312	C21H44O	015594-90-8	93	
4	Behenic alcohol	326	C22H46O	000661-19-8	93	
5	Trifluoroacetoxyl hexadecane	338	C18H33F3O2	006222-03-3	93	



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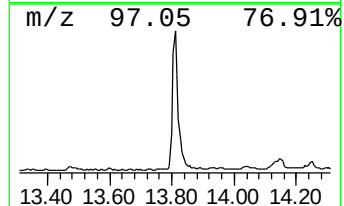
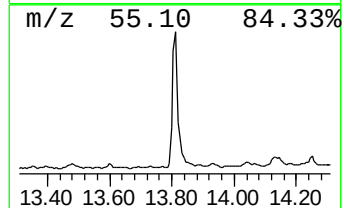
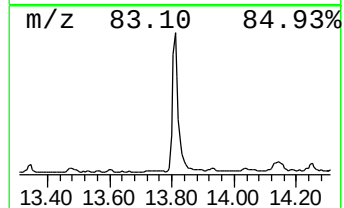
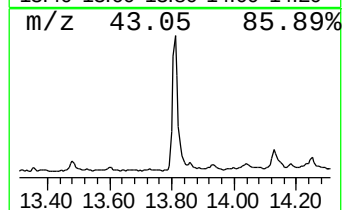
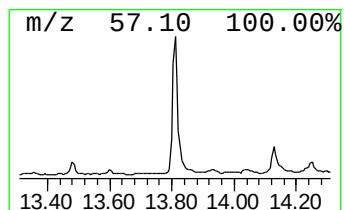
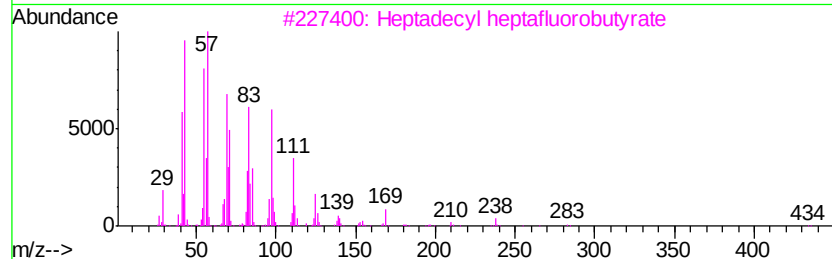
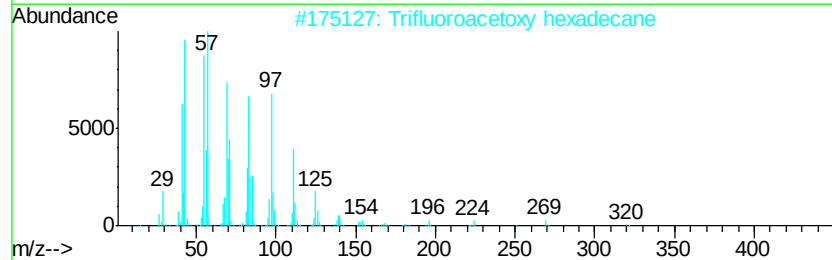
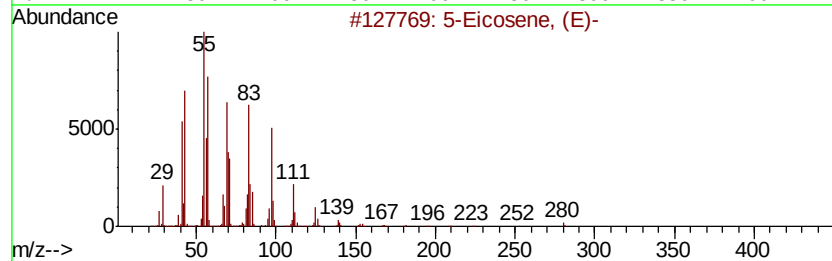
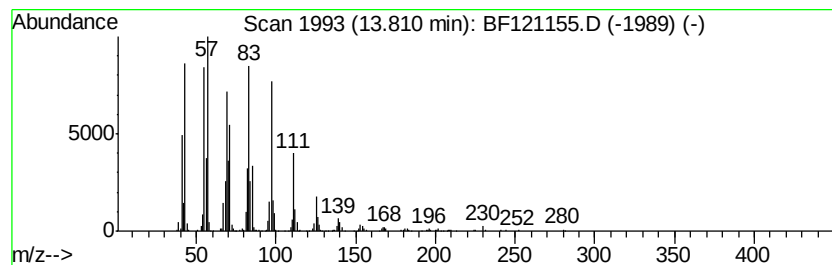
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	22.20 ng	993717	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3		Heptadecyl heptafluorobutyrte	452	C21H35F7O2	959085-66-6	94
4		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	94
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94



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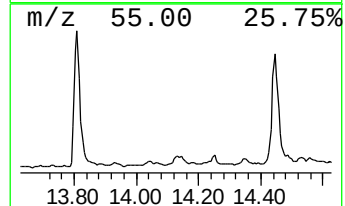
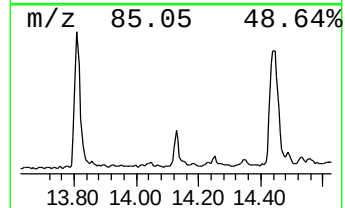
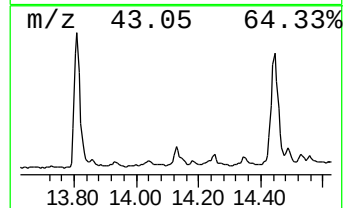
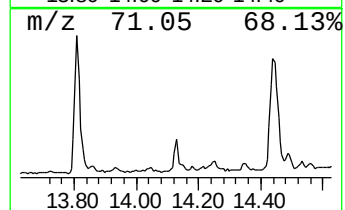
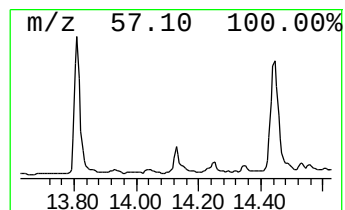
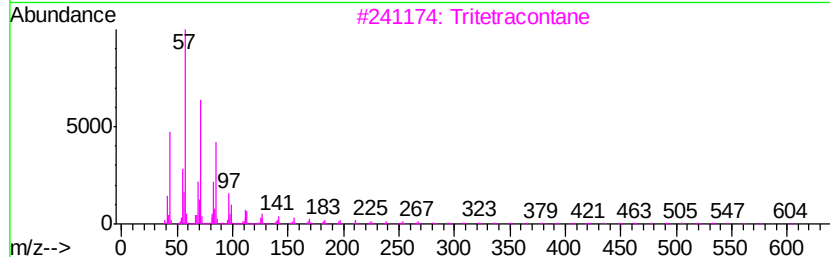
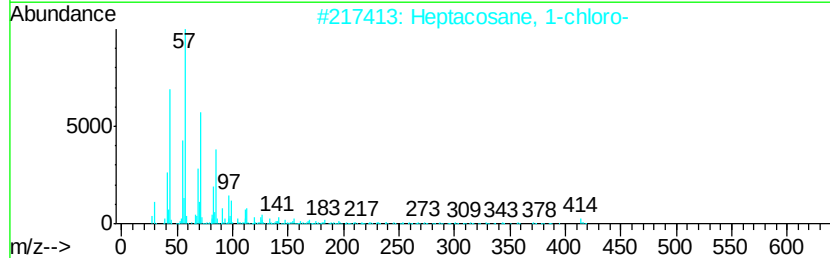
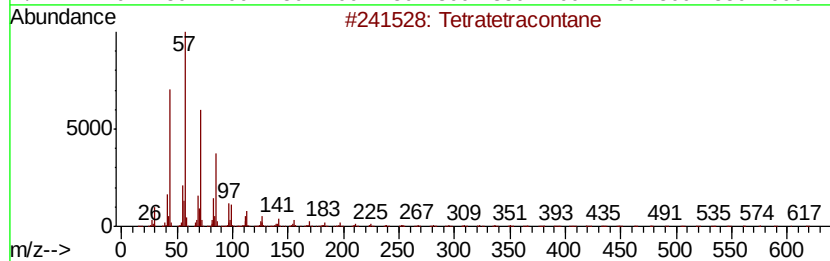
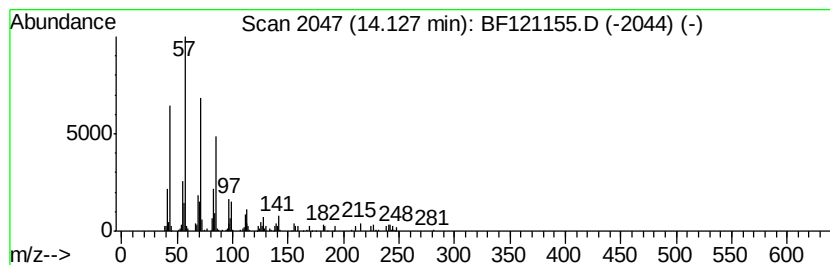
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetratetracontane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	2.55 ng	114204	Chrysene-d12	13.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	91
2		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
3		Tritetracontane	605	C43H88	007098-21-7	91
4		Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	91
5		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	91



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ClientSampleId :
TP-6

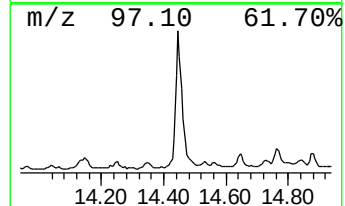
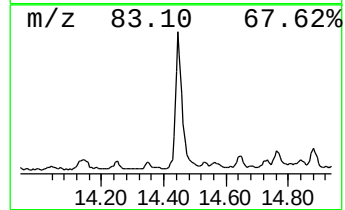
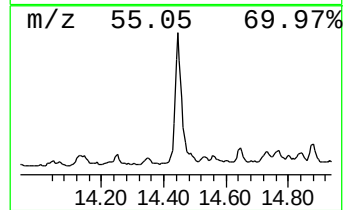
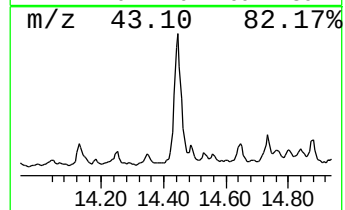
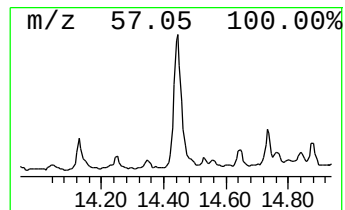
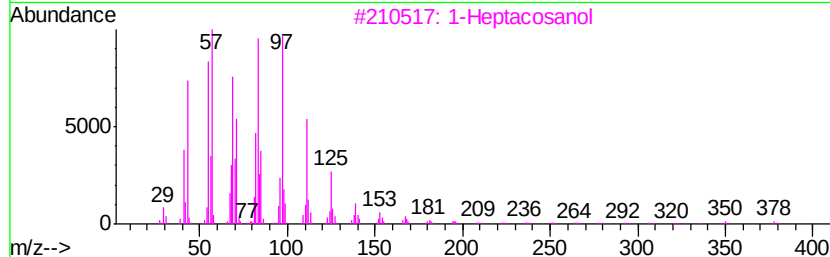
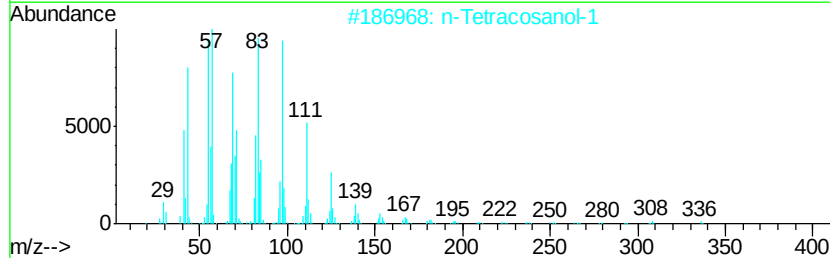
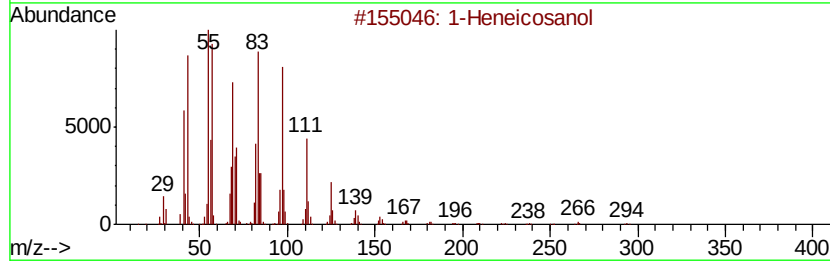
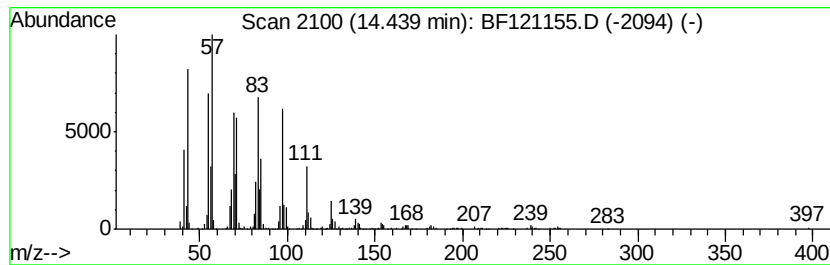
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	24.03 ng	1075850	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	95
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3		1-Heptacosanol	396	C27H56O	002004-39-9	93
4		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	93
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121155.D
Acq On : 31 Jul 2020 13:52
Operator : JU/CG
Sample : L3518-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

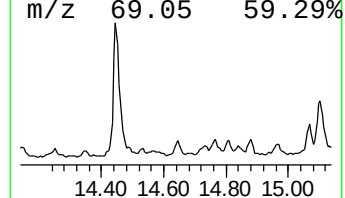
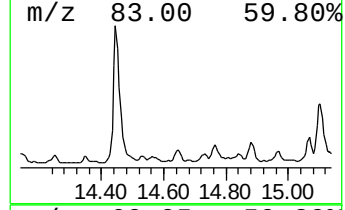
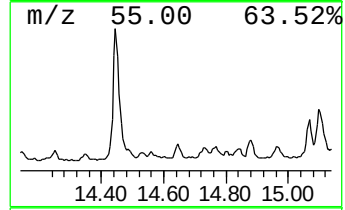
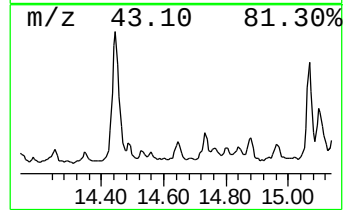
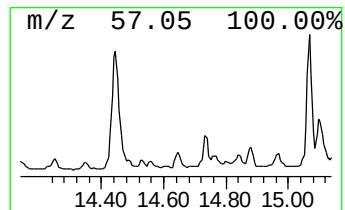
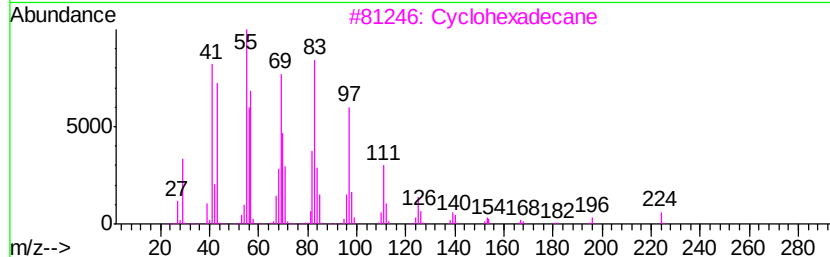
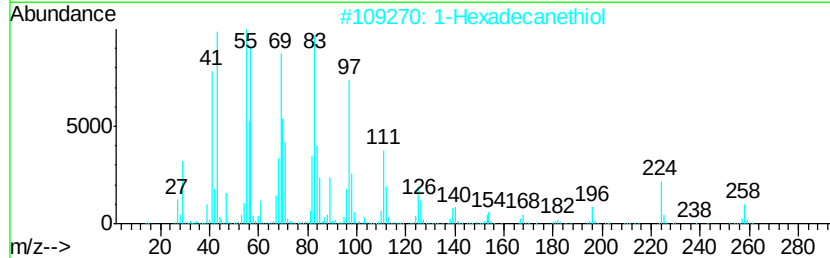
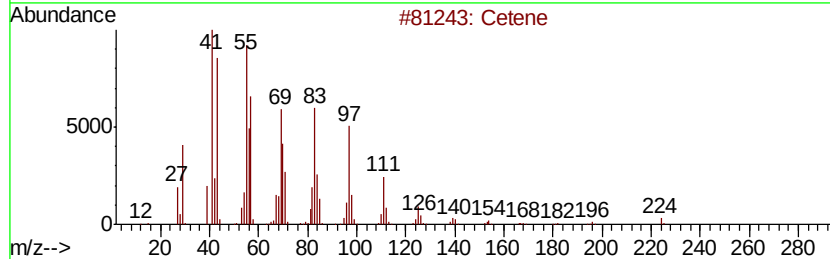
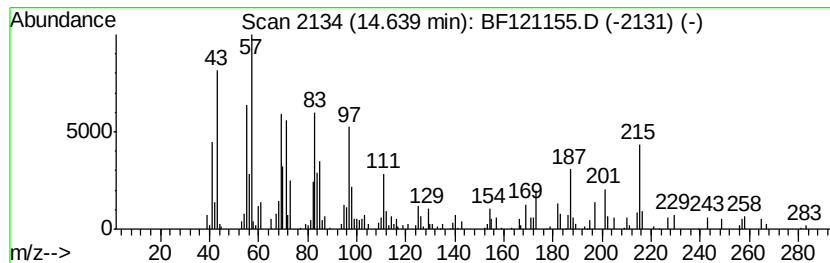
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cetene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.93 ng	131124	Chrysene-d12	13.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Cetene	224 C16H32	000629-73-2	84
2	1-Hexadecanethiol	258 C16H34S	002917-26-2	81
3	Cyclohexadecane	224 C16H32	000295-65-8	59
4	Cyclotridecane	182 C13H26	000295-02-3	56
5	Heptadecyl heptafluorobutyrate	452 C21H35F7O2	959085-66-6	56



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Sample : L3518-12
Misc :
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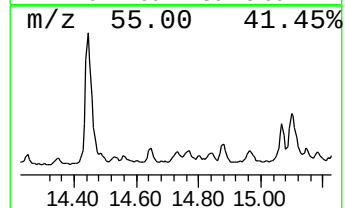
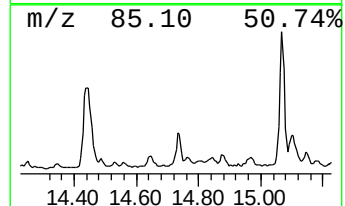
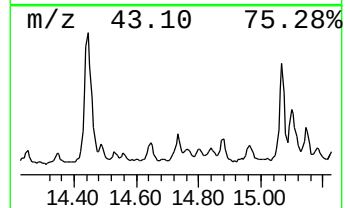
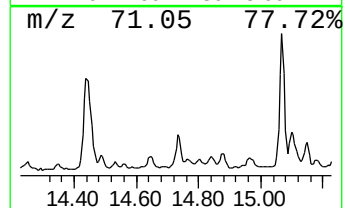
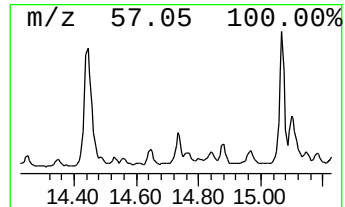
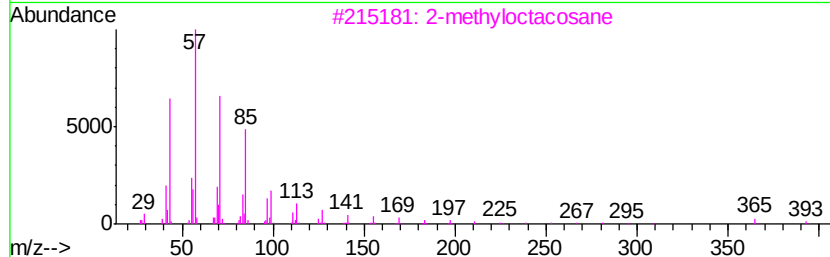
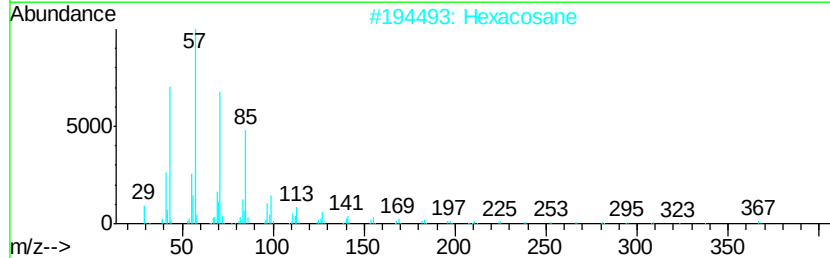
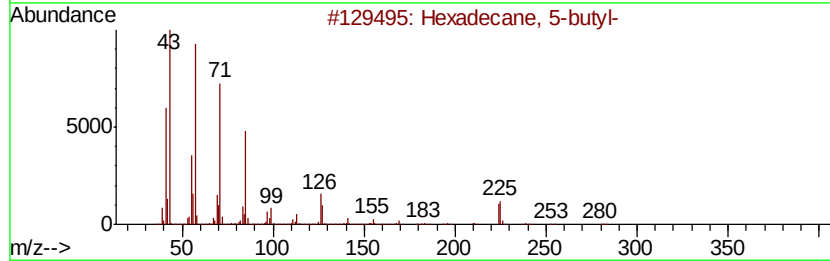
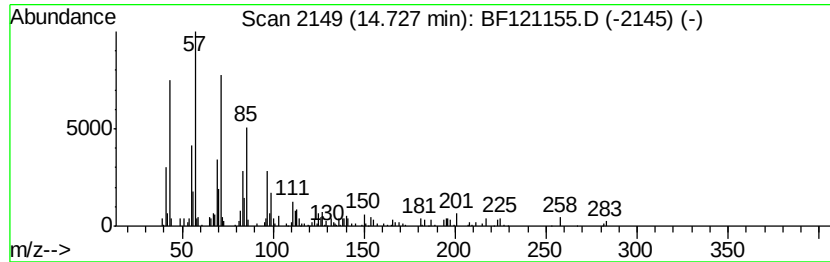
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane, 5-butyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.73	3.11 ng	143771	Perylene-d12		15.42
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
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Sample : L3518-12
Misc :
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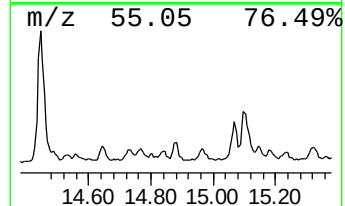
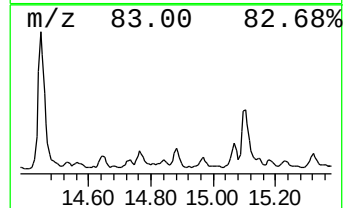
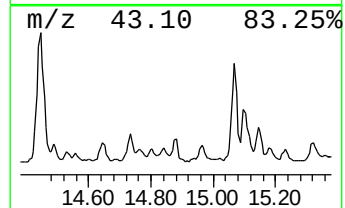
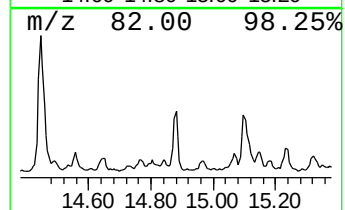
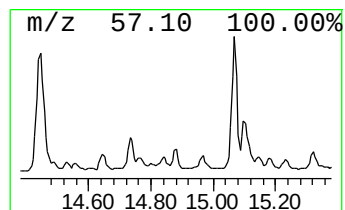
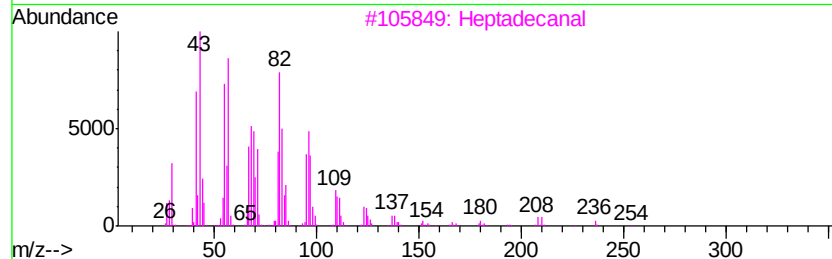
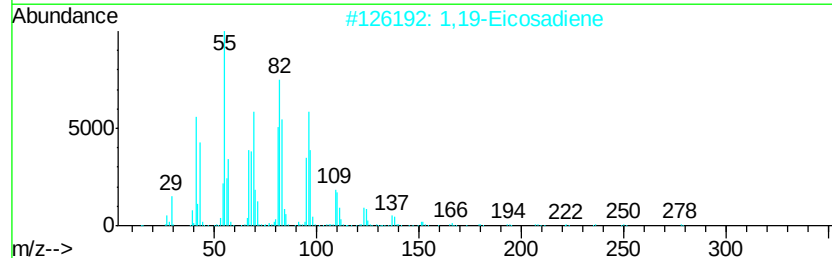
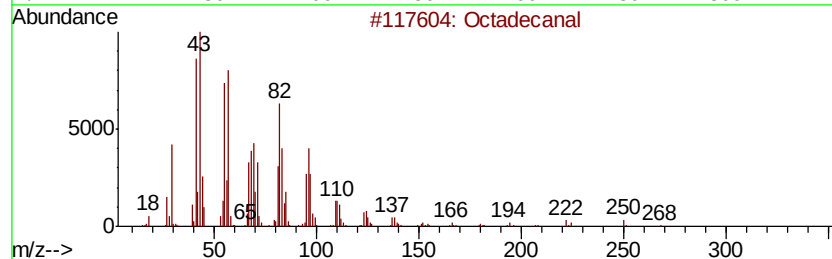
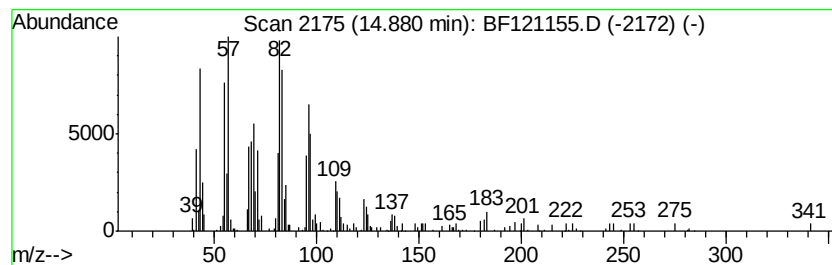
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1,19-Eicosadiene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	3.12 ng	144012	Perylene-d12	15.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octadecanal	268 C18H36O	000638-66-4 90
2		1,19-Eicosadiene	278 C20H38	014811-95-1 87
3		Heptadecanal	254 C17H34O	1000376-70-0 87
4		17-Octadecenal	266 C18H34O	056554-86-0 86
5		Oleyl alcohol, methyl ether	282 C19H38O	1000352-68-0 83



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Acq On : 31 Jul 2020 13:52
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Sample : L3518-12
Misc :
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ClientSampleId :
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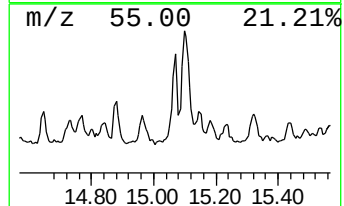
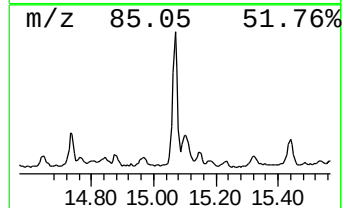
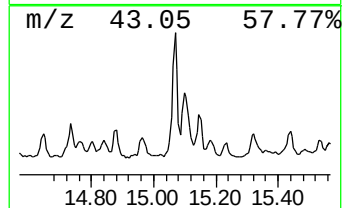
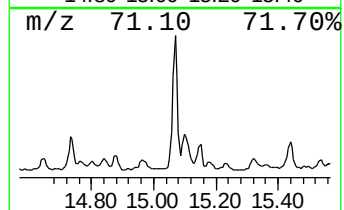
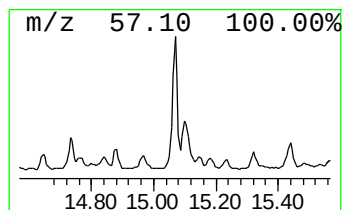
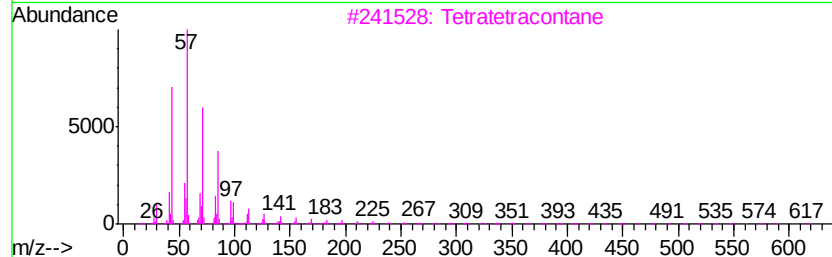
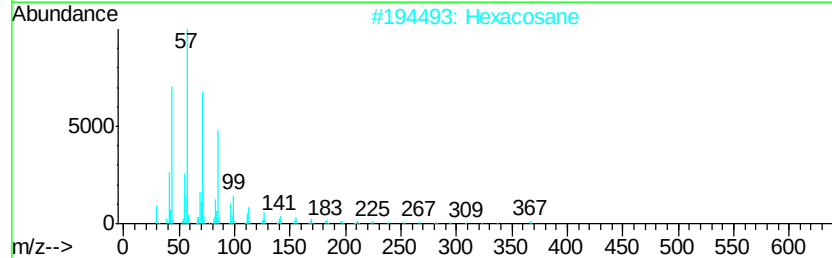
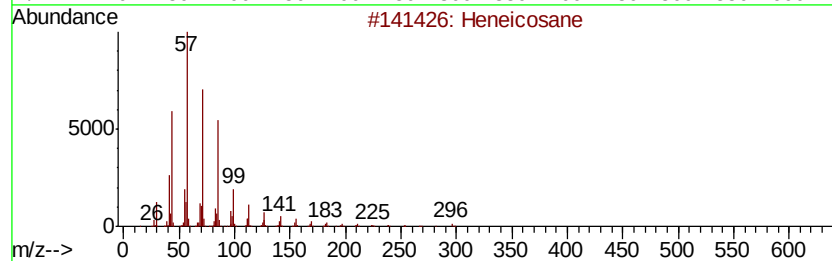
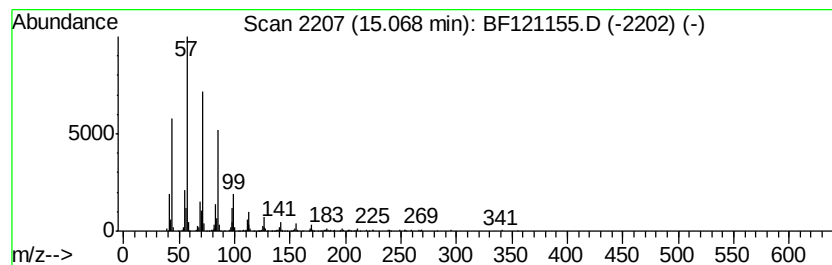
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	8.97 ng	414348	Perylene-d12	15.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	Tetratetracontane		619	C44H90	007098-22-8	91
4	Heptacosane		380	C27H56	000593-49-7	91
5	Octacosane		394	C28H58	000630-02-4	91



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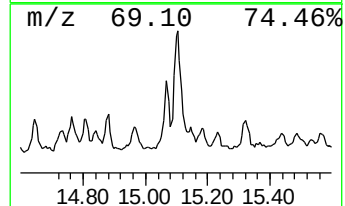
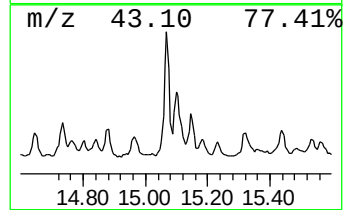
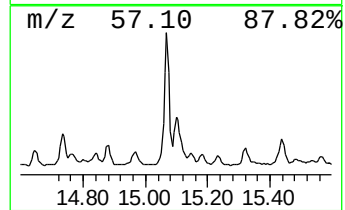
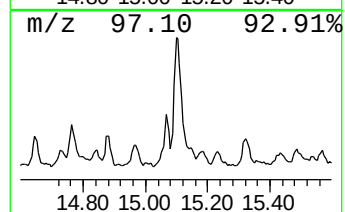
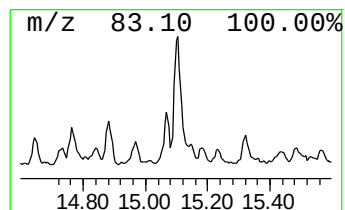
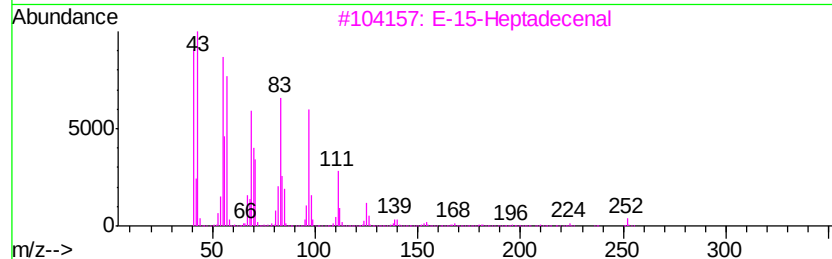
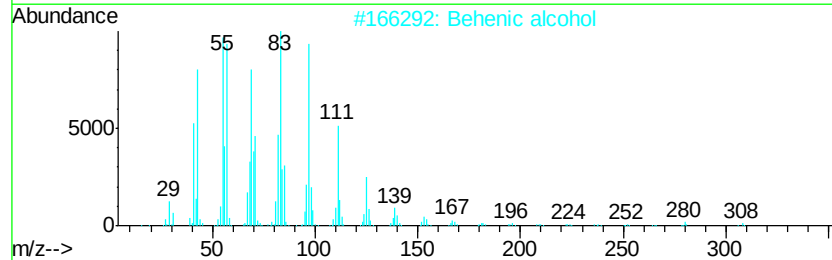
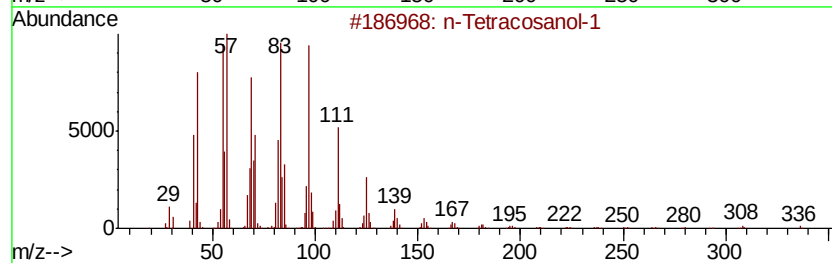
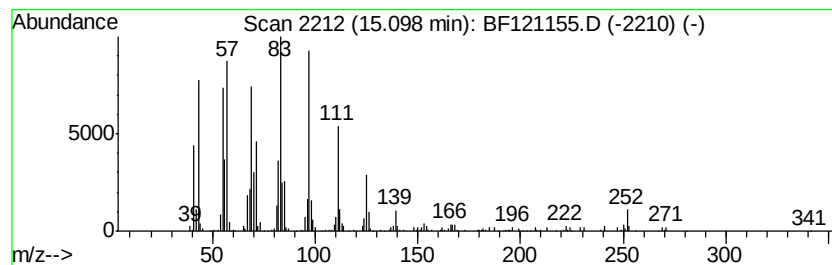
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 n-Tetracosanol-1 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.10	9.00 ng	415732	Perylene-d12	15.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	Behenic alcohol	326	C22H46O	000661-19-8	76
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	68
4	Cetene	224	C16H32	000629-73-2	60
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	58



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Misc :
ALS Vial : 9 Sample Multiplier: 1

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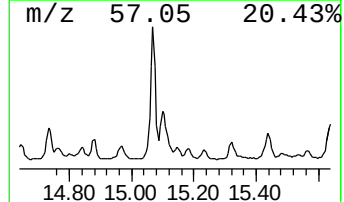
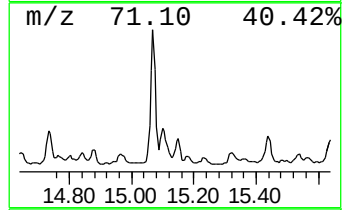
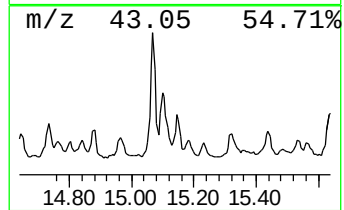
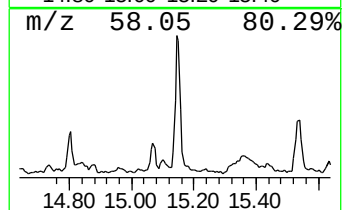
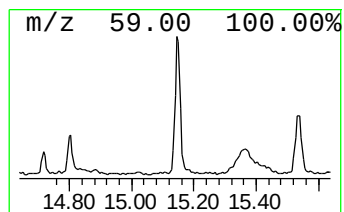
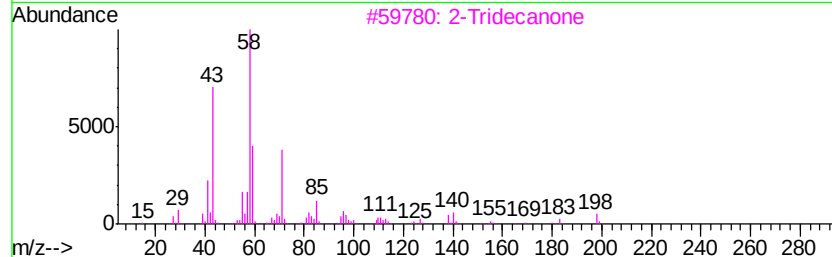
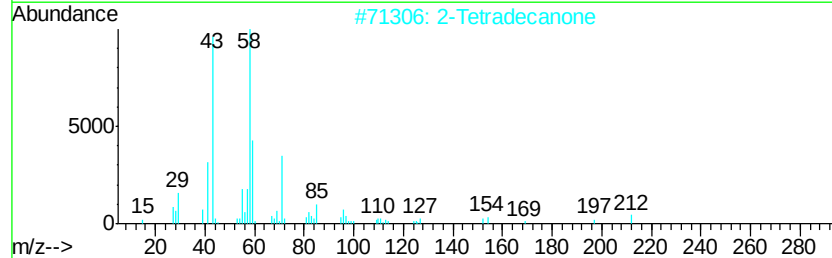
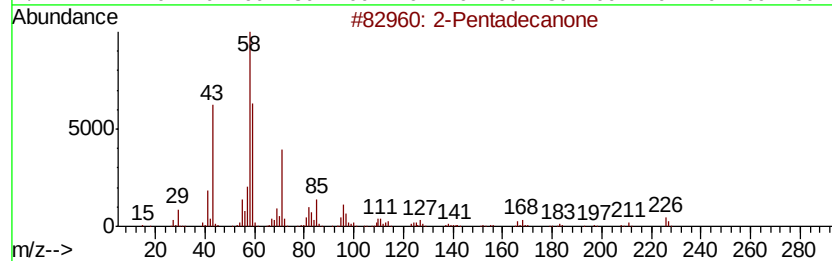
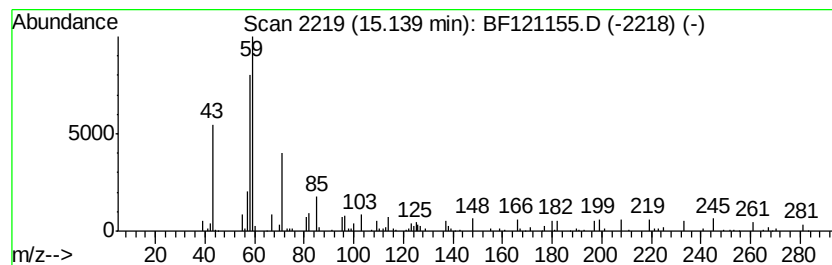
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 2-Pentadecanone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	2.60 ng	120223	Perylene-d12	15.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentadecanone	226	C15H30O	002345-28-0	64
2			2-Tetradecanone	212	C14H28O	002345-27-9	64
3			2-Tridecanone	198	C13H26O	000593-08-8	53
4			2-Nonadecanone	282	C19H38O	000629-66-3	50
5			Oxirane, tetramethyl-	100	C6H12O	005076-20-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
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Sample : L3518-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

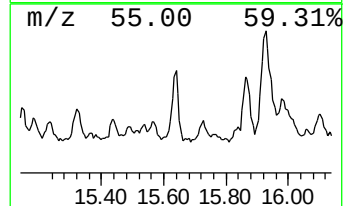
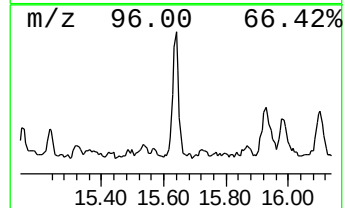
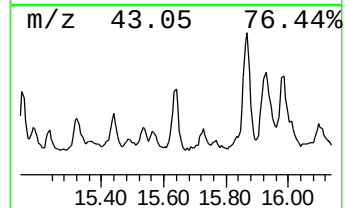
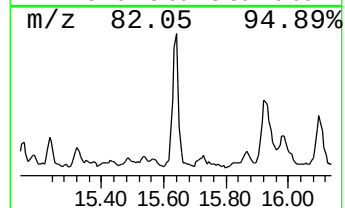
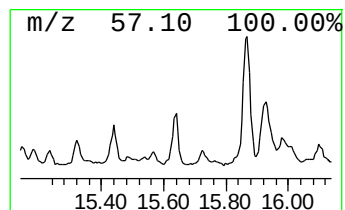
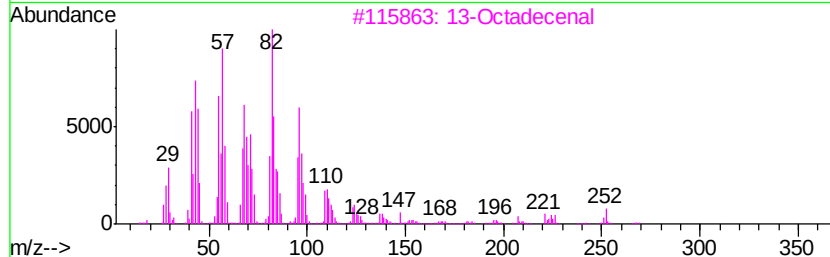
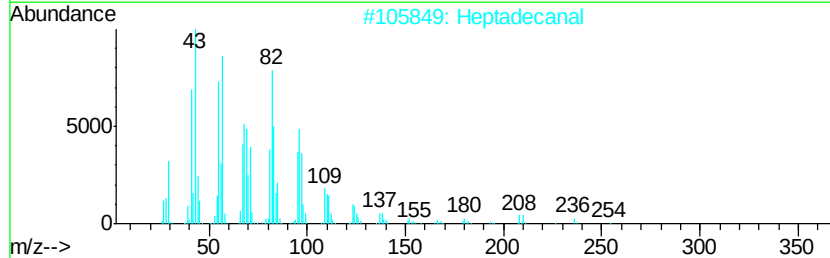
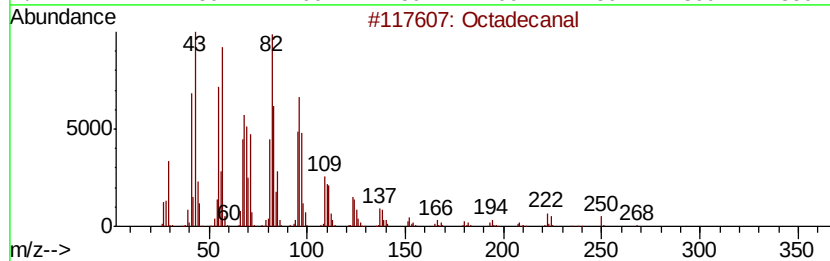
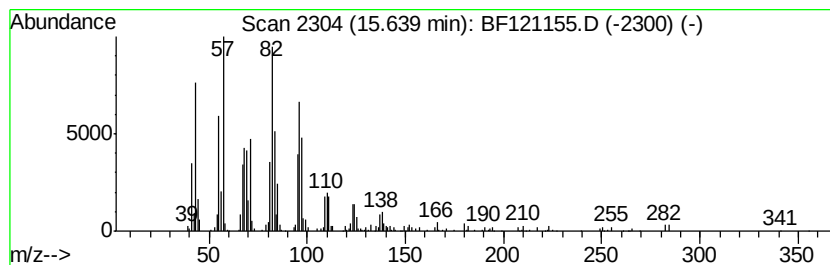
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.64	5.53 ng	255640	Perylene-d12	15.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	Heptadecanal	254	C17H34O	1000376-70-0	91
3	13-Octadecenal	266	C18H34O	056554-90-6	90
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
5	Hexadecanal	240	C16H32O	000629-80-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121155.D
Acq On : 31 Jul 2020 13:52
Operator : JU/CG
Sample : L3518-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

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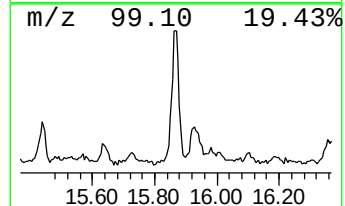
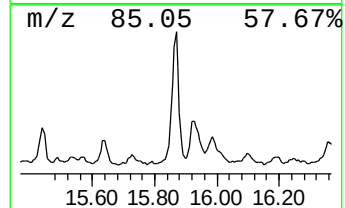
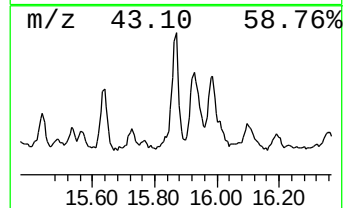
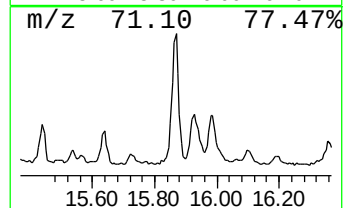
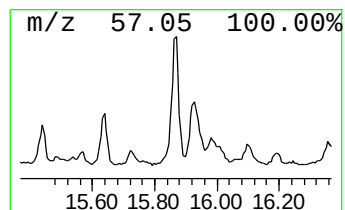
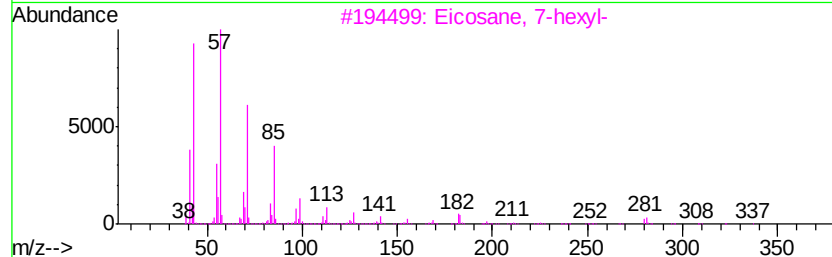
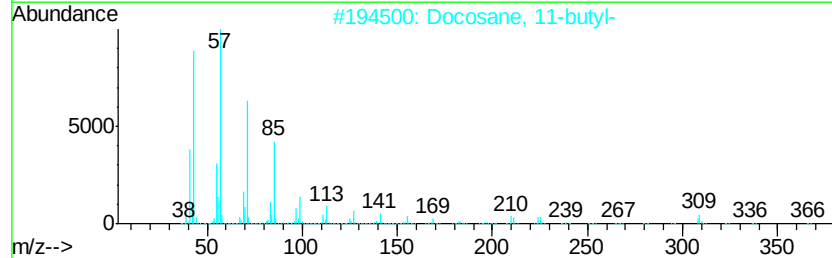
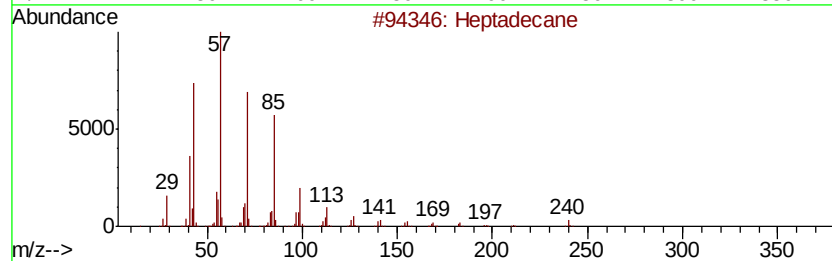
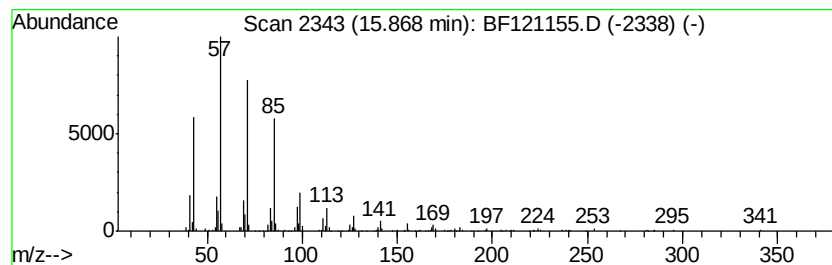
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	6.46 ng	298531	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	91
2		Docosane, 11-butyl-	366	C26H54	013475-76-8	90
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121155.D
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Sample : L3518-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

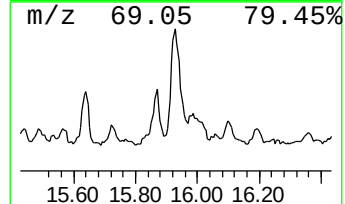
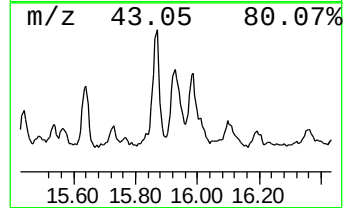
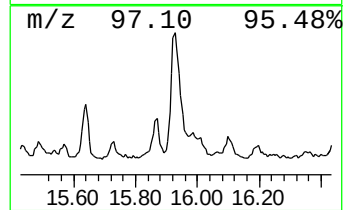
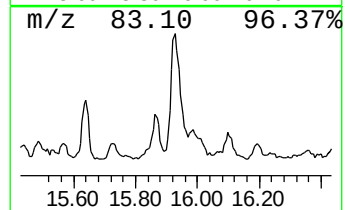
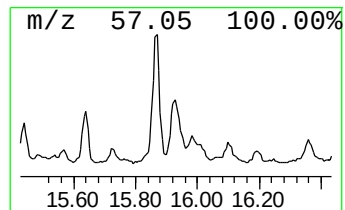
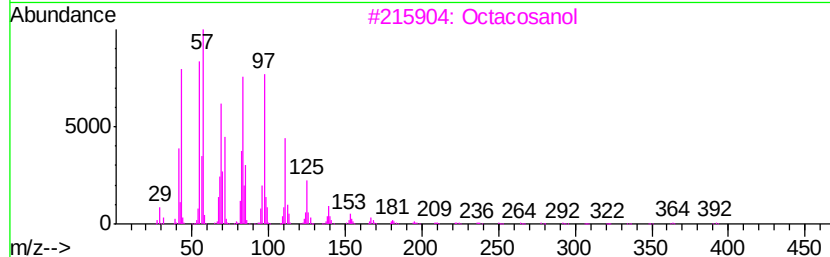
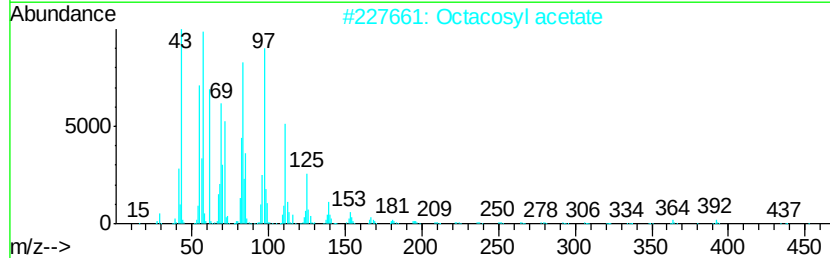
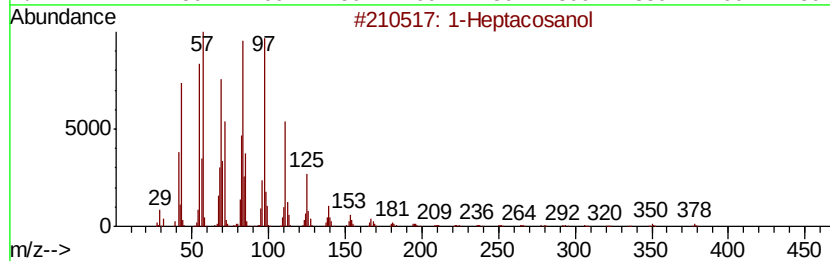
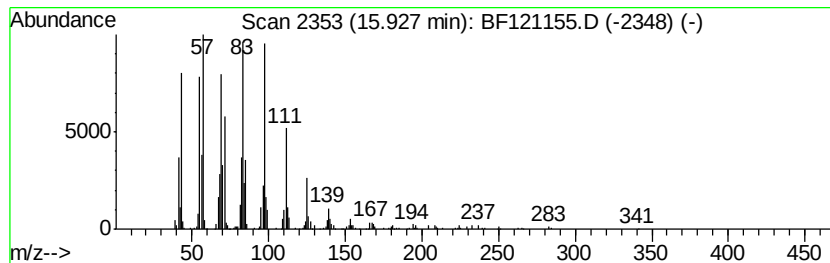
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-Heptacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.93	9.56 ng	441611	Perylene-d12	15.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	Octacosyl acetate	452	C30H60O2	018206-97-8	93
3	Octacosanol	410	C28H58O	000557-61-9	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	Heptacosyl acetate	438	C29H58O2	1000351-78-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121155.D
Acq On : 31 Jul 2020 13:52
Operator : JU/CG
Sample : L3518-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

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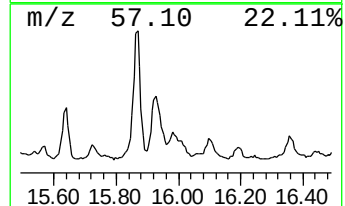
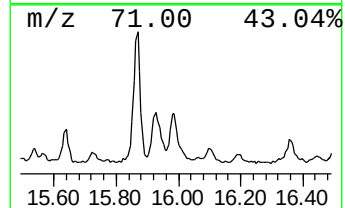
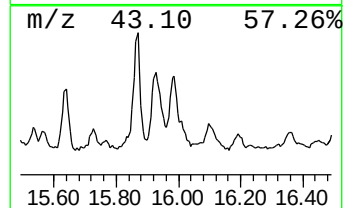
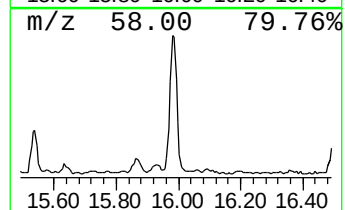
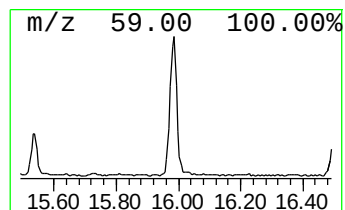
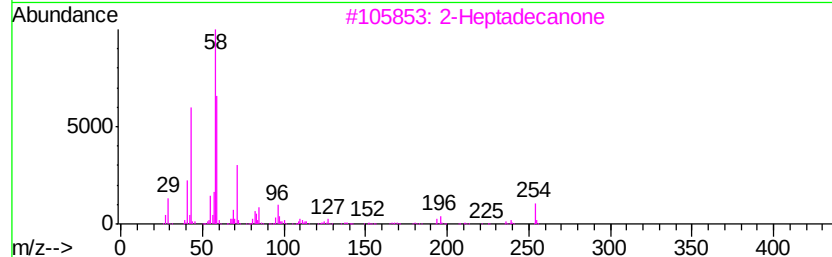
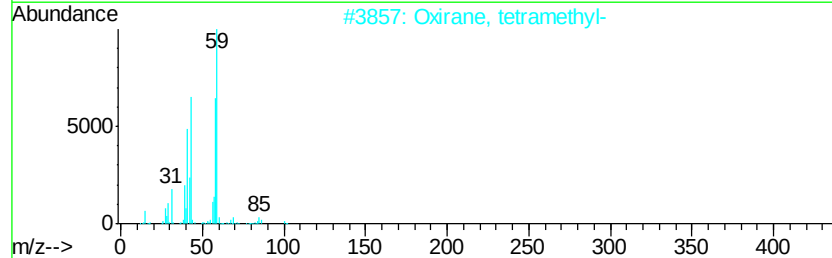
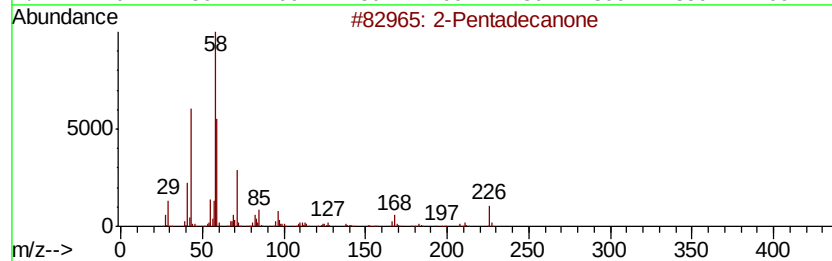
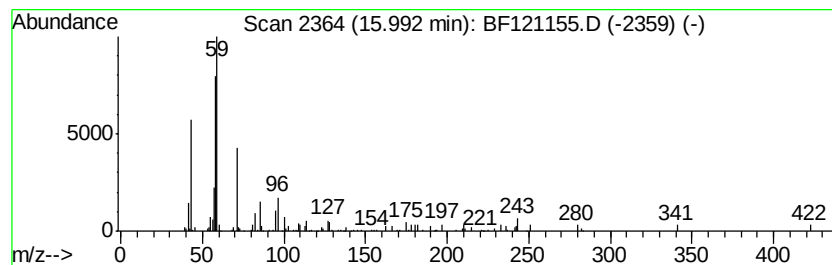
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Oxirane, tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	2.36 ng	109075	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentadecanone		226	C15H30O	002345-28-0	59
2	Oxirane, tetramethyl-		100	C6H12O	005076-20-0	53
3	2-Heptadecanone		254	C17H34O	002922-51-2	50
4	2-Tridecanone		198	C13H26O	000593-08-8	50
5	2-Tetradecanone		212	C14H28O	002345-27-9	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
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Sample : L3518-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

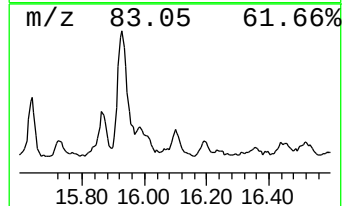
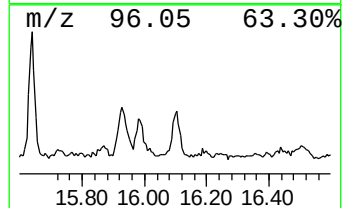
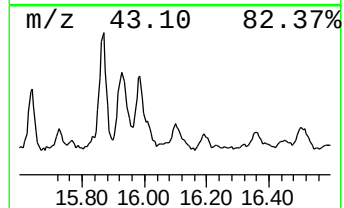
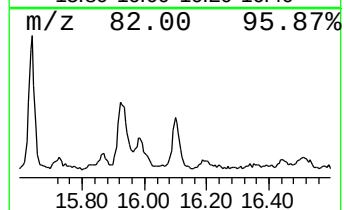
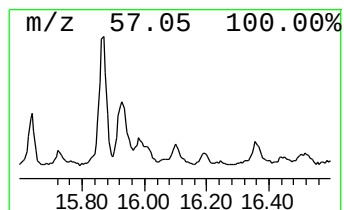
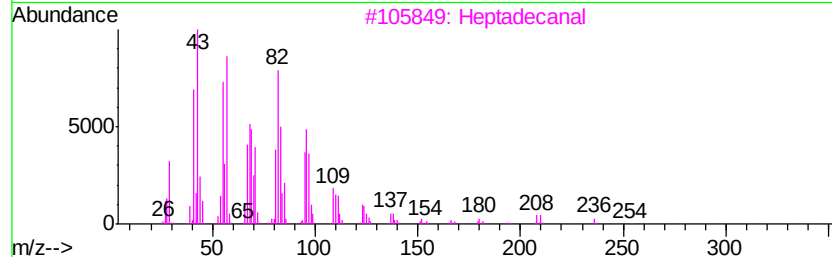
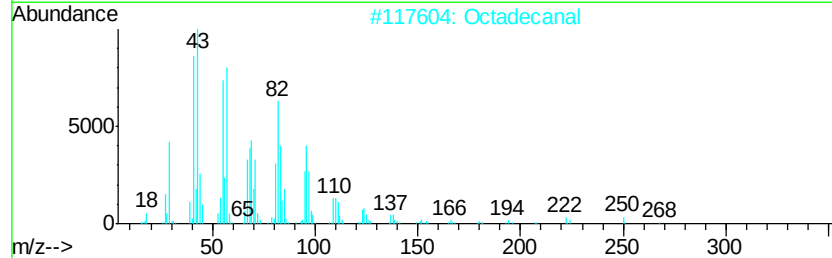
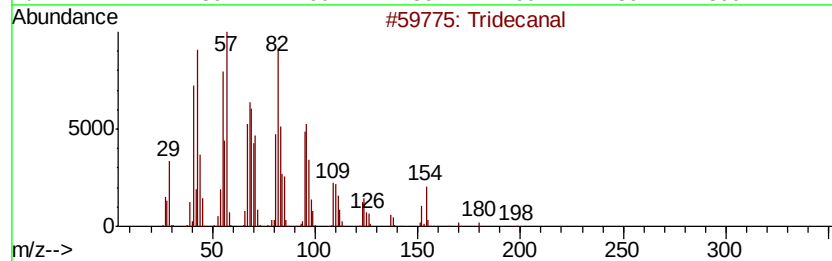
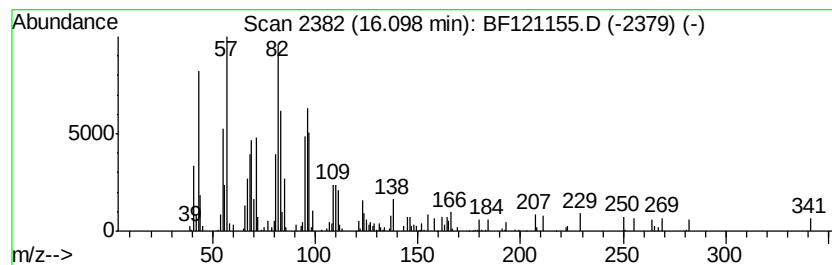
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tridecanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.10	4.35 ng	201115	Perylene-d12		15.42
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanal	198	C13H26O	010486-19-8	90
2	Octadecanal	268	C18H36O	000638-66-4	90
3	Heptadecanal	254	C17H34O	1000376-70-0	90
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	83
5	1,19-Eicosadiene	278	C20H38	014811-95-1	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121155.D
Acq On : 31 Jul 2020 13:52
Operator : JU/CG
Sample : L3518-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

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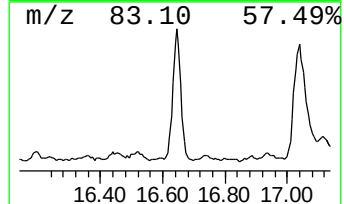
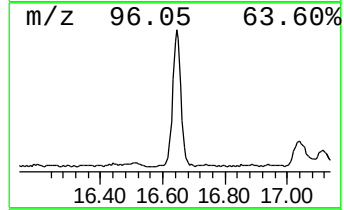
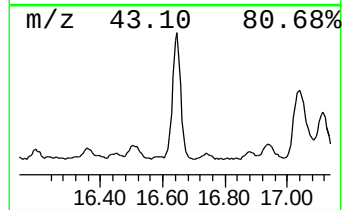
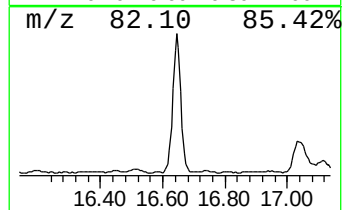
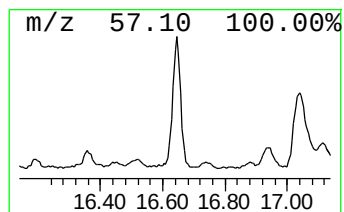
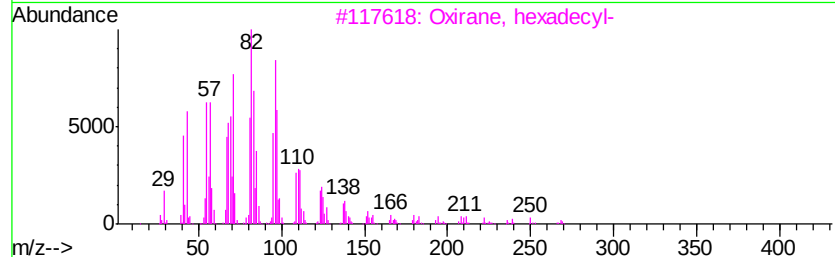
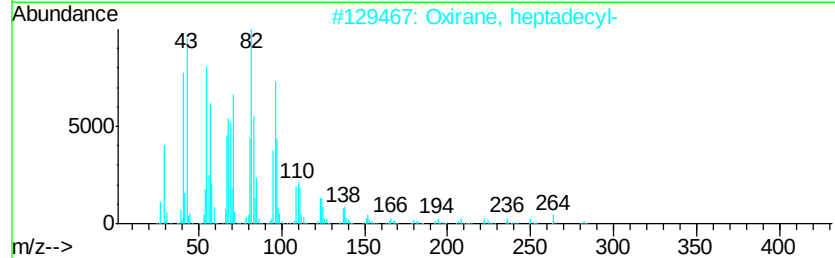
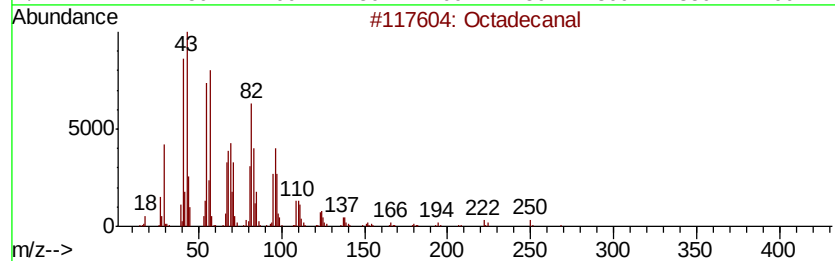
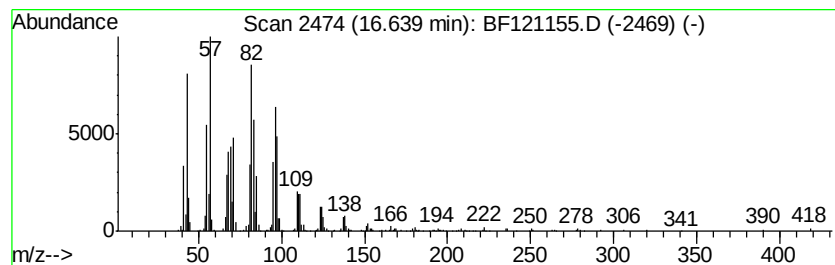
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	25.33 ng	1170070	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	94
2		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4		1,19-Eicosadiene	278	C20H38	014811-95-1	90
5		Tetradecanal	212	C14H28O	000124-25-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121155.D
Acq On : 31 Jul 2020 13:52
Operator : JU/CG
Sample : L3518-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

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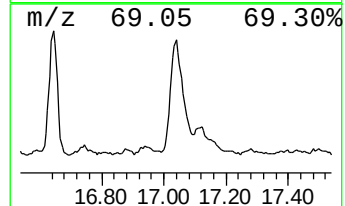
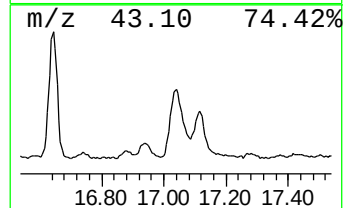
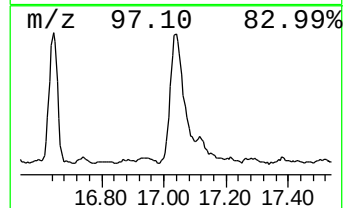
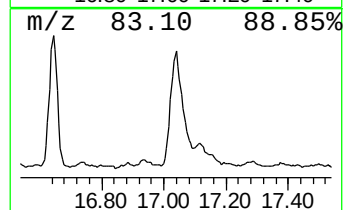
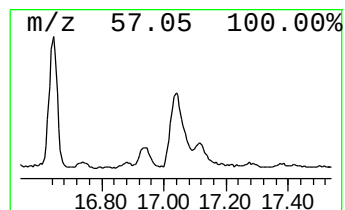
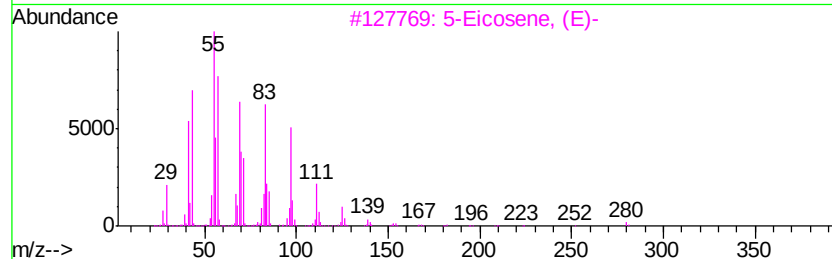
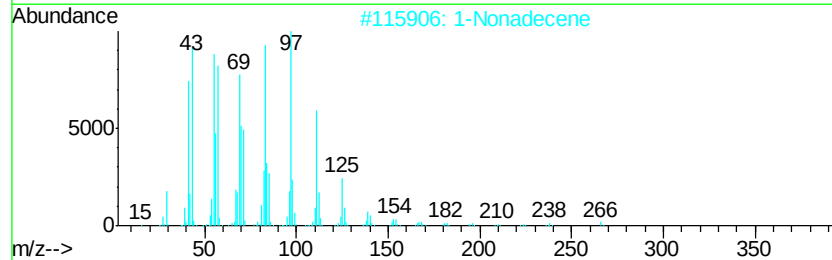
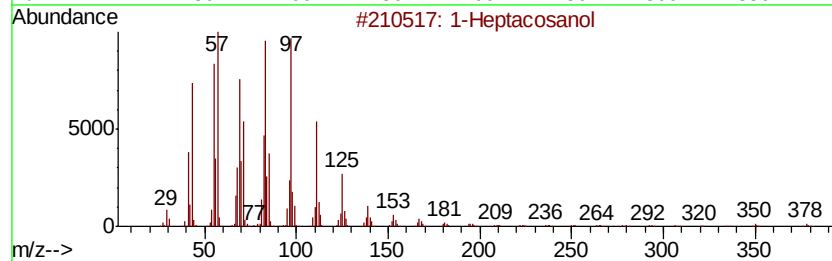
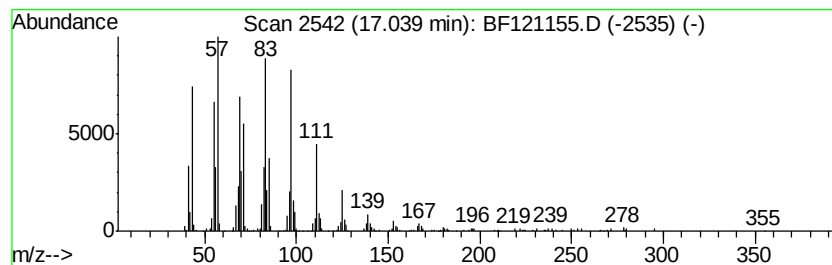
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	21.46 ng	991372	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptacosanol	396	C27H56O	002004-39-9	95
2		1-Nonadecene	266	C19H38	018435-45-5	95
3		5-Eicosene, (E)-	280	C20H40	074685-30-6	94
4		Heptacosyl acetate	438	C29H58O2	1000351-78-2	94
5		Octacosanol	410	C28H58O	000557-61-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121155.D
Acq On : 31 Jul 2020 13:52
Operator : JU/CG
Sample : L3518-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

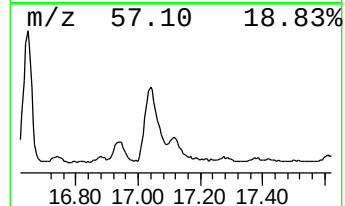
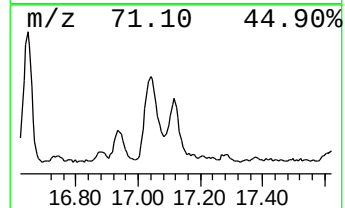
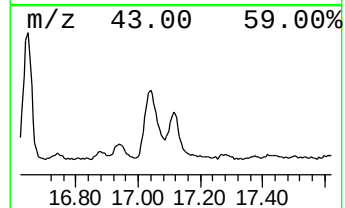
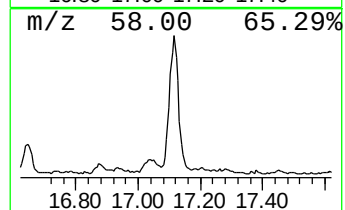
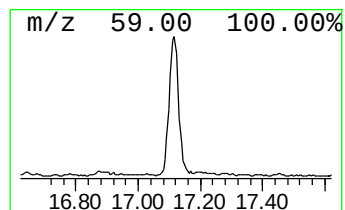
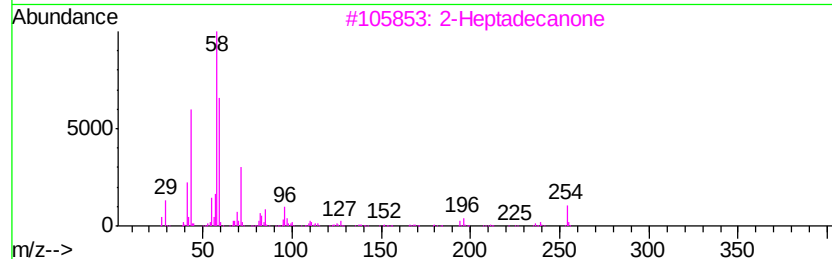
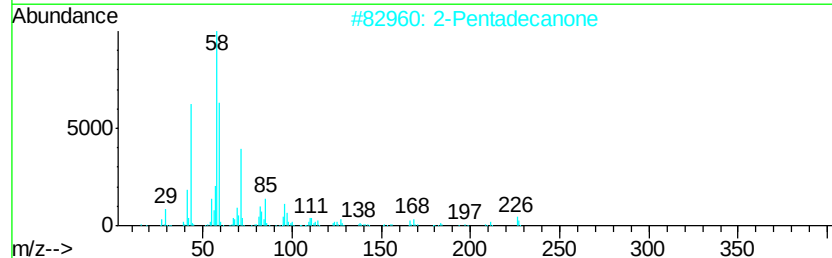
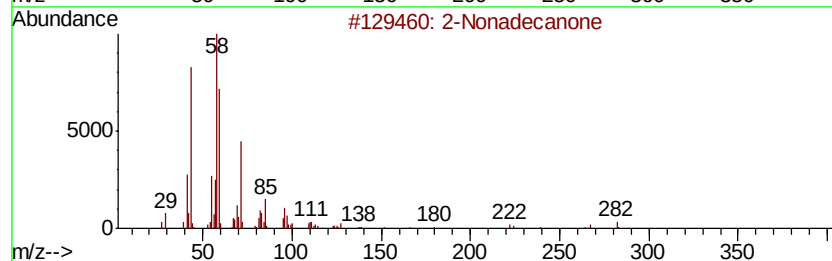
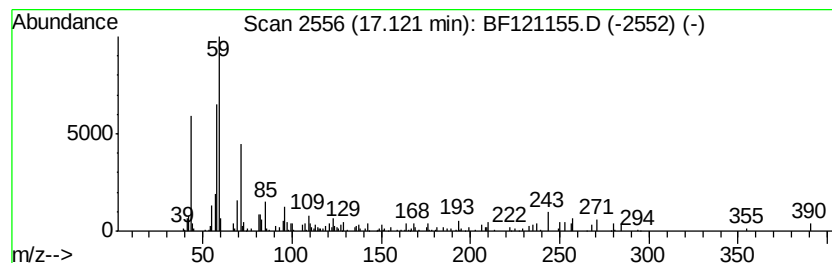
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2-Nonadecanone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	8.68 ng	401218	Perylene-d12	15.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Nonadecanone	282	C19H38O	000629-66-3	64
2			2-Pentadecanone	226	C15H30O	002345-28-0	64
3			2-Heptadecanone	254	C17H34O	002922-51-2	53
4			2-Pentacosanone	366	C25H50O	075207-54-4	47
5			Oxirane, tetramethyl-	100	C6H12O	005076-20-0	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121155.D
Acq On : 31 Jul 2020 13:52
Operator : JU/CG
Sample : L3518-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-6

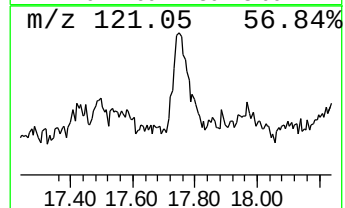
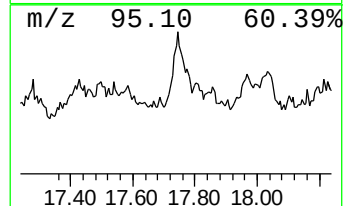
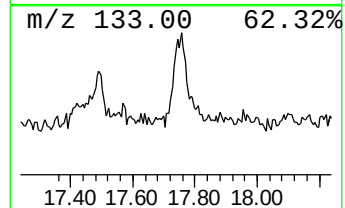
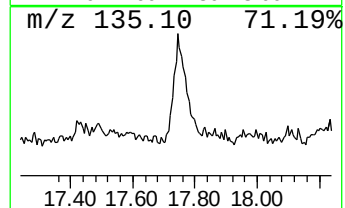
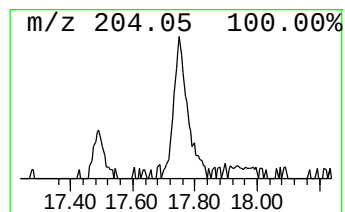
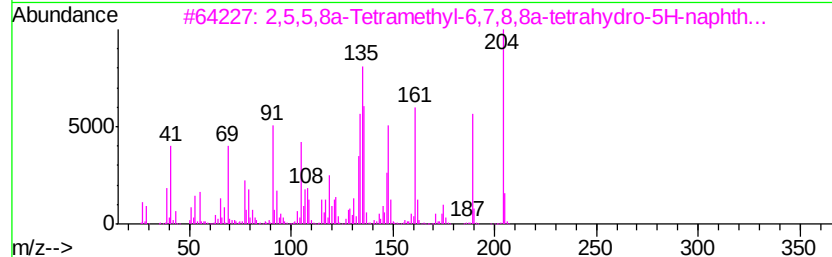
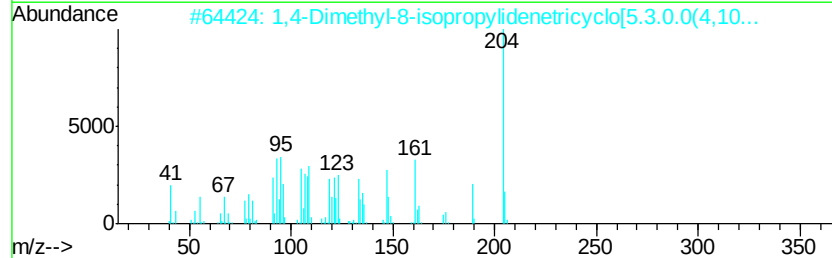
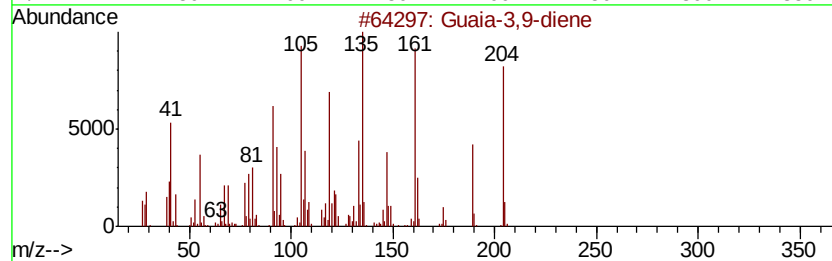
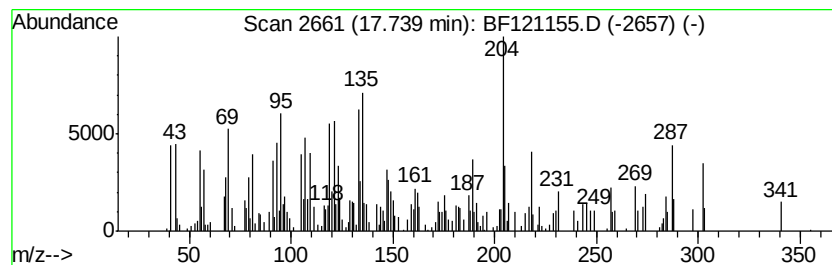
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Guaia-3,9-diene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	5.11 ng	235984	Perylene-d12	15.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Guaia-3,9-diene	204	C15H24	000489-83-8	55
2			1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	49
3			2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H200	124957-09-1	43
4			1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	43
5			1,4-Methanoazulen-9-ol, decahydr...	222	C15H260	000465-24-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073120\
 Data File : BF121155.D
 Acq On : 31 Jul 2020 13:52
 Operator : JU/CG
 Sample : L3518-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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
Eucalyptol	6.95	4.5 ng		169861	1	6.80	749276	20.0
n-Nonadecanol-1	13.12	3.8 ng		169537	5	13.96	895287	20.0
5-Eicosene, (E)-	13.81	22.2 ng		993717	5	13.96	895287	20.0
Tetratetracontane	14.13	2.5 ng		114204	5	13.96	895287	20.0
1-Heneicosanol	14.44	24.0 ng		1075850	5	13.96	895287	20.0
Cetene	14.64	2.9 ng		131124	5	13.96	895287	20.0
Hexadecane, 5-butyl-	14.73	3.1 ng		143771	6	15.42	924024	20.0
1,19-Eicosadiene	14.88	3.1 ng		144012	6	15.42	924024	20.0
Heneicosane	15.07	9.0 ng		414348	6	15.42	924024	20.0
n-Tetracosanol-1	15.10	9.0 ng		415732	6	15.42	924024	20.0
2-Pentadecanone	15.14	2.6 ng		120223	6	15.42	924024	20.0
Heptadecanal	15.64	5.5 ng		255640	6	15.42	924024	20.0
Heptadecane	15.87	6.5 ng		298531	6	15.42	924024	20.0
1-Heptacosanol	15.93	9.6 ng		441611	6	15.42	924024	20.0
Oxirane, tetramet...	15.99	2.4 ng		109075	6	15.42	924024	20.0
Tridecanal	16.10	4.3 ng		201115	6	15.42	924024	20.0
Octadecanal	16.64	25.3 ng		1170070	6	15.42	924024	20.0
1-Nonadecene	17.04	21.5 ng		991372	6	15.42	924024	20.0
2-Nonadecanone	17.12	8.7 ng		401218	6	15.42	924024	20.0
Guaia-3,9-diene	17.74	5.1 ng		235984	6	15.42	924024	20.0