

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
 Data File : BF119692.D
 Acq On : 2 Apr 2020 3:03
 Operator : MA/SJ
 Sample : L2089-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1D-(0-2)

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-BF031820.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.205	16	20	27	rVB	71809	100782	1.29%	0.171%
2	5.034	497	501	511	rVB	207824	290248	3.72%	0.492%
3	5.428	562	568	571	rBV	5939872	6295021	80.68%	10.664%
4	6.440	734	740	743	rBV	5510659	6357226	81.47%	10.770%
5	6.634	770	773	778	rBV	181726	140282	1.80%	0.238%
6	6.810	799	803	806	rBV	1777016	1390027	17.81%	2.355%
7	6.969	825	830	833	rBV	5624227	4833199	61.94%	8.188%
8	7.375	893	899	902	rBV	4110141	4212940	53.99%	7.137%
9	8.092	1017	1021	1025	rBV	2068102	1868342	23.94%	3.165%
10	9.175	1199	1205	1208	rBV	7707790	7546081	96.71%	12.784%
11	9.563	1264	1271	1275	rBV	771684	700299	8.97%	1.186%
12	9.851	1314	1320	1324	rBV	2533224	2236739	28.67%	3.789%
13	10.645	1448	1455	1458	rBV	4795639	5215873	66.85%	8.836%
14	11.339	1567	1573	1576	rBV	2834361	2427273	31.11%	4.112%
15	11.869	1659	1663	1675	rBV	559487	539500	6.91%	0.914%
16	12.551	1774	1779	1781	rBV	96243	99773	1.28%	0.169%
17	12.598	1785	1787	1793	rVV	98443	100705	1.29%	0.171%
18	12.651	1793	1796	1808	rVB	258281	311322	3.99%	0.527%
19	12.933	1837	1844	1847	rBV	7583472	7802900	100.00%	13.219%
20	13.410	1916	1925	1929	rBV	261208	266255	3.41%	0.451%
21	13.833	1993	1997	2011	rBV	274379	482139	6.18%	0.817%
22	13.980	2017	2022	2025	rBV	2504627	2208478	28.30%	3.741%
23	14.151	2048	2051	2054	rBV	126123	107189	1.37%	0.182%
24	14.457	2099	2103	2106	rBV	191817	173799	2.23%	0.294%
25	14.763	2151	2155	2158	rBV	212344	228051	2.92%	0.386%
26	15.098	2207	2212	2218	rBV	222896	263175	3.37%	0.446%
27	15.433	2263	2269	2273	rBV	1696118	2095131	26.85%	3.549%
28	15.474	2273	2276	2281	rVB	208504	250348	3.21%	0.424%
29	15.910	2344	2350	2355	rBV	163693	241665	3.10%	0.409%
30	16.409	2429	2435	2442	rVB	86775	152400	1.95%	0.258%
31	16.992	2528	2534	2541	rBV2	42793	90707	1.16%	0.154%

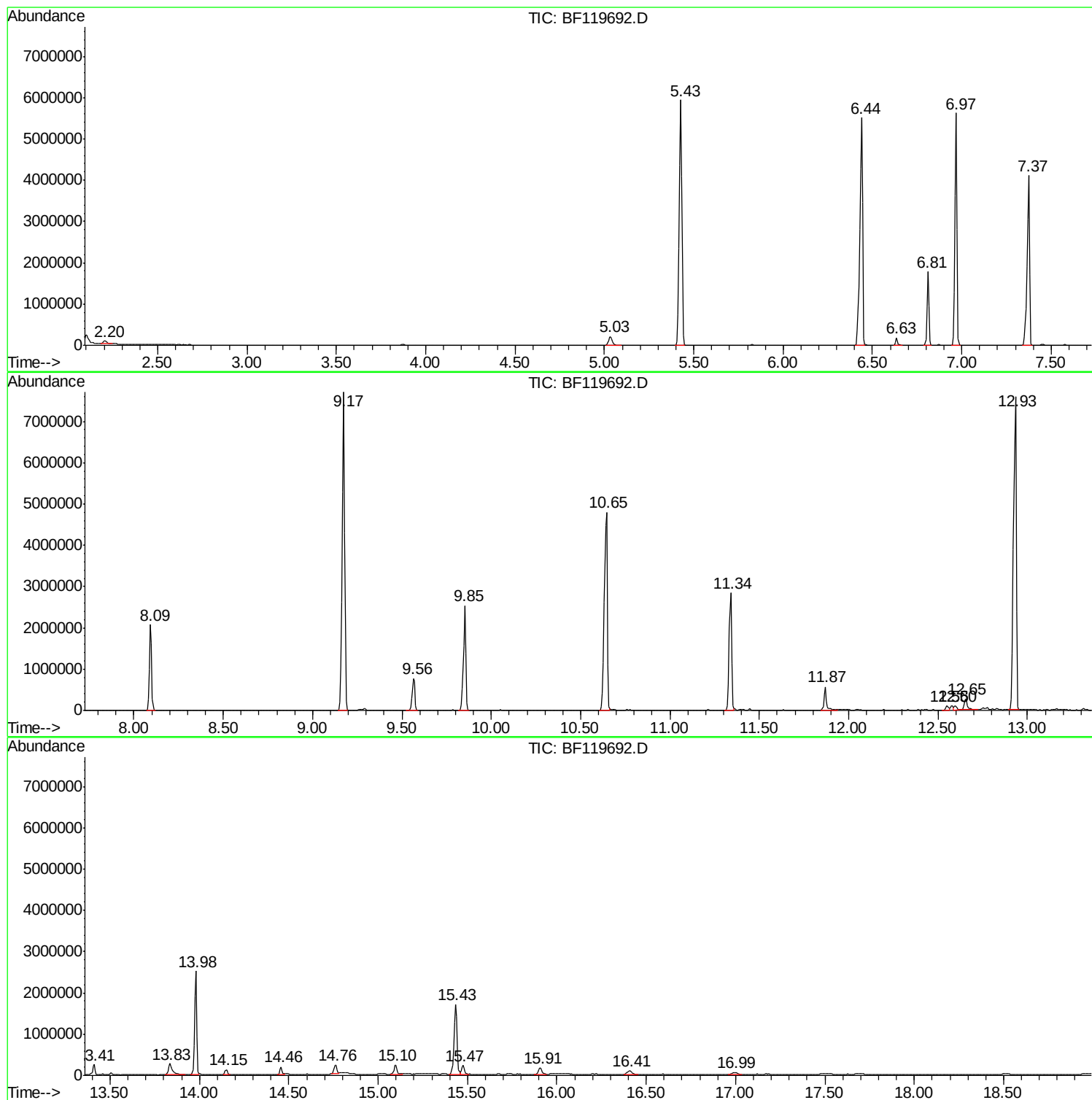
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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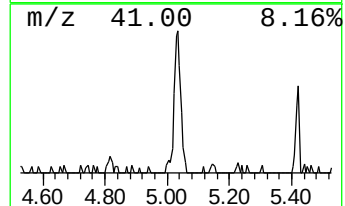
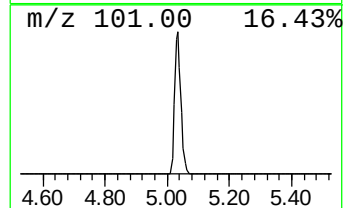
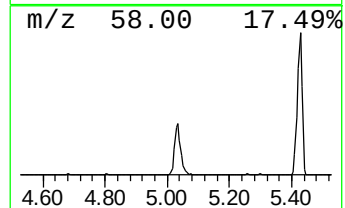
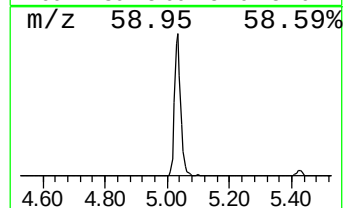
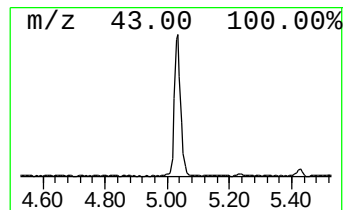
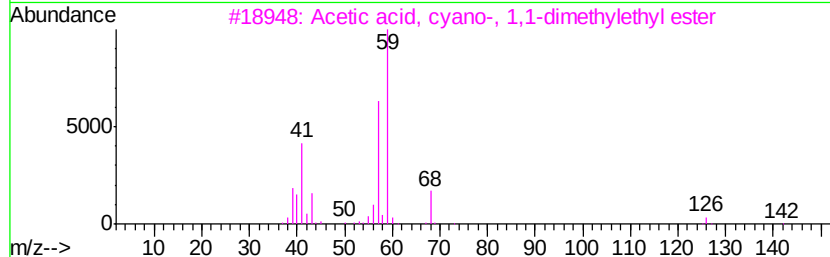
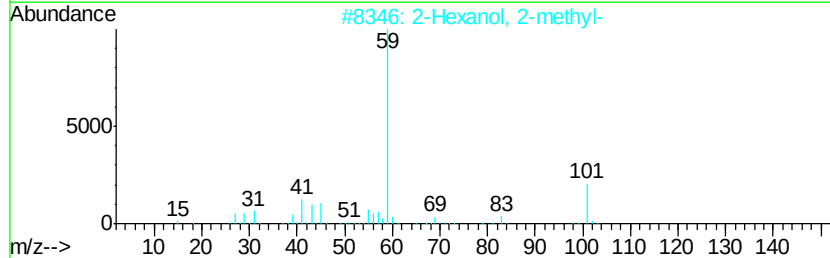
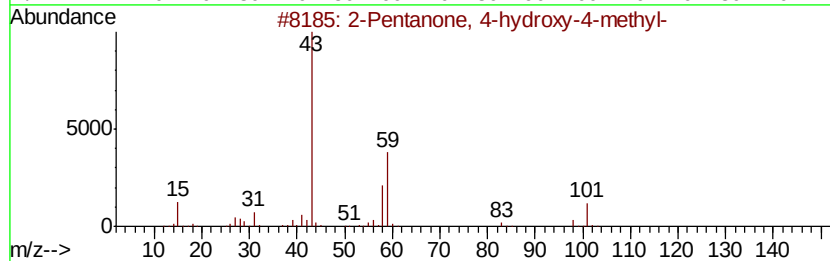
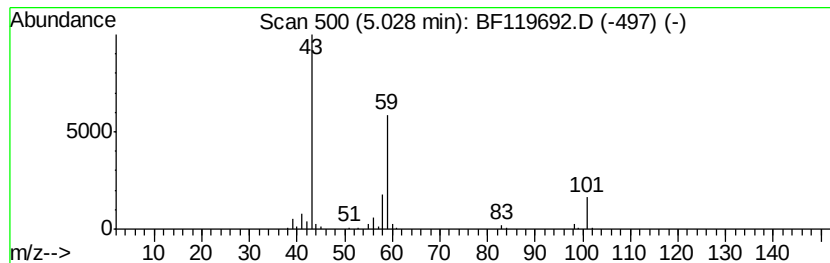
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	4.18 ng	290248	1,4-Dichlorobenzene-d4	6.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4			Guanidine	59	CH5N3	000113-00-8	9
5			Acetone	58	C3H6O	000067-64-1	9



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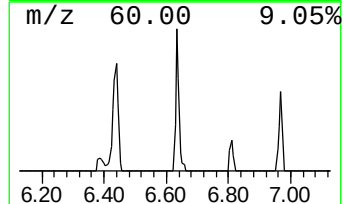
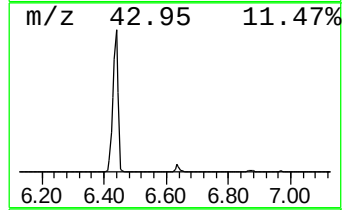
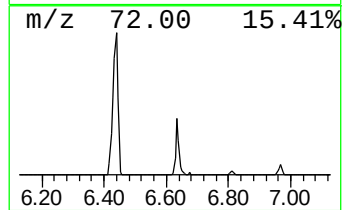
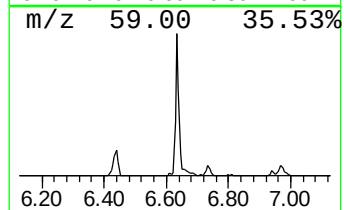
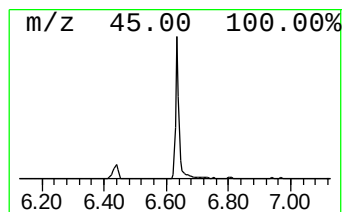
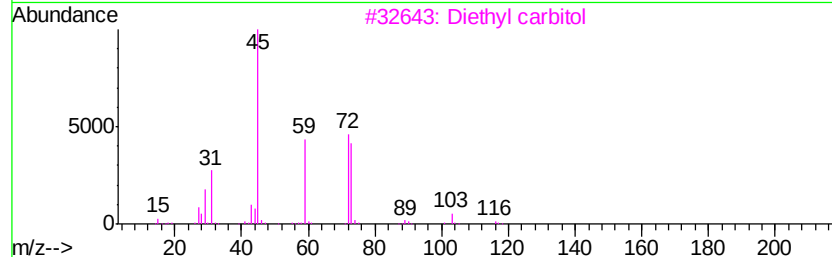
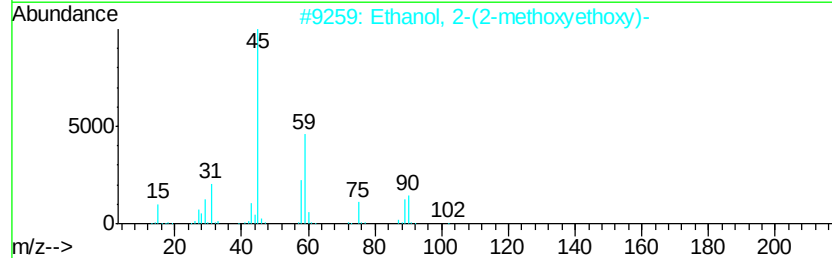
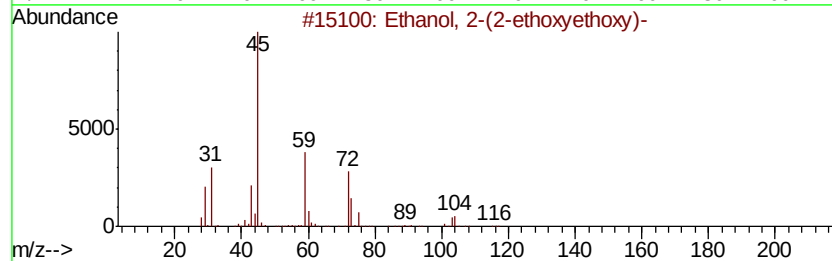
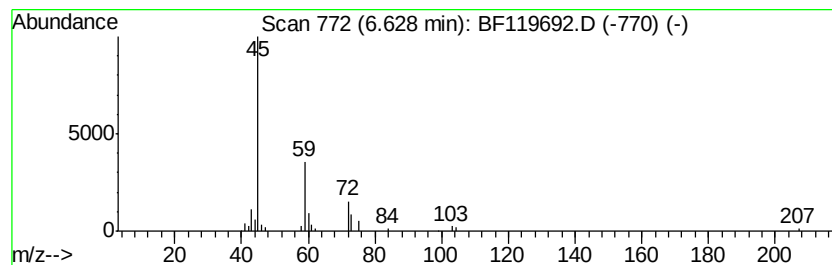
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	2.02 ng	140282	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	45
3		Diethyl carbitol	162	C8H18O3	000112-36-7	43
4		2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	39
5		2-Propanol, 1-propoxy-	118	C6H14O2	001569-01-3	39



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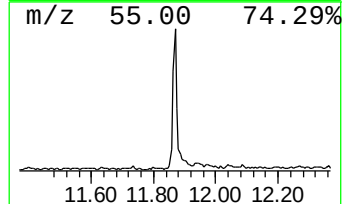
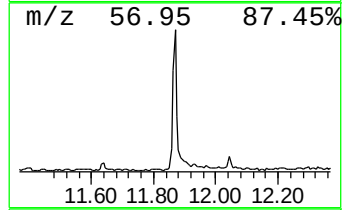
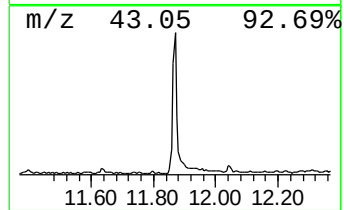
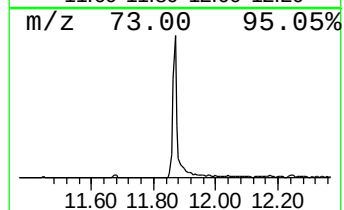
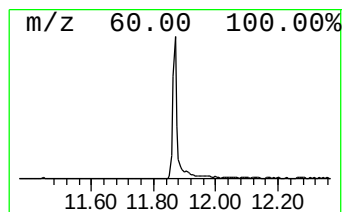
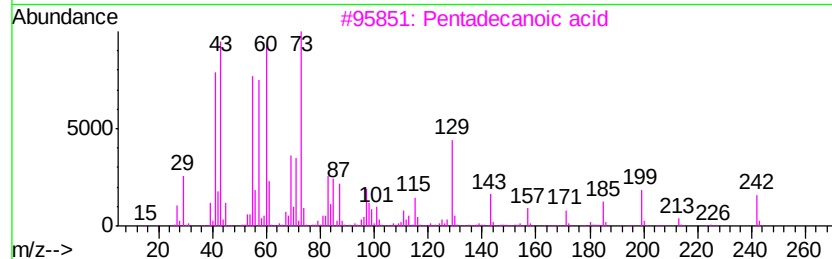
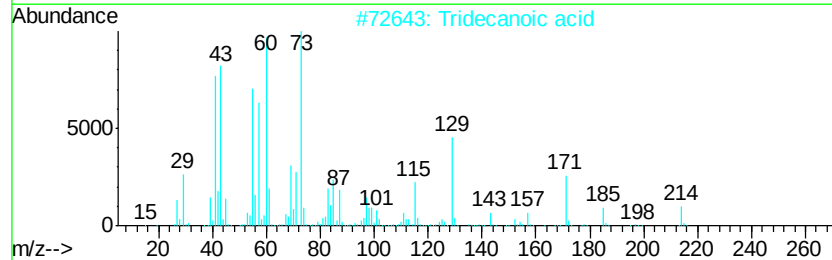
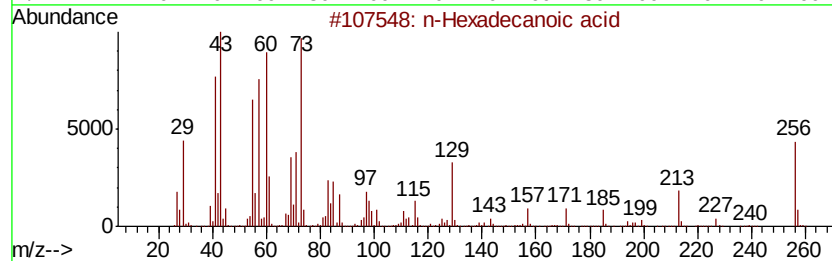
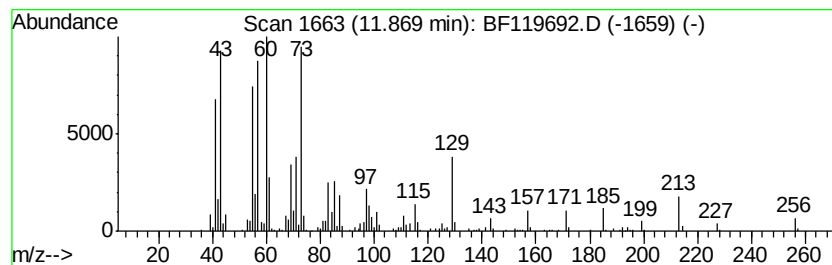
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	4.45 ng	539500	Phenanthrene-d10	11.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		n-Decanoic acid	172	C10H20O2	000334-48-5	62



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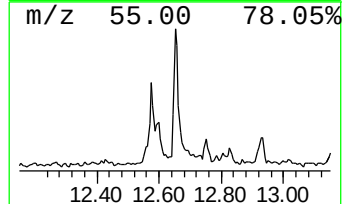
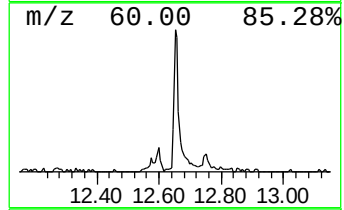
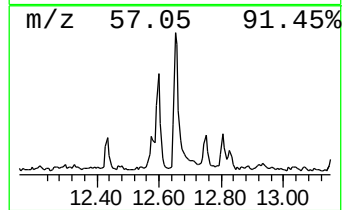
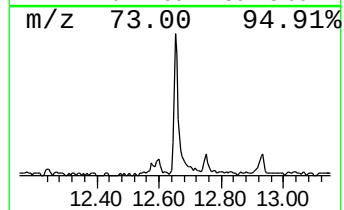
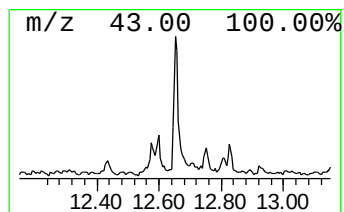
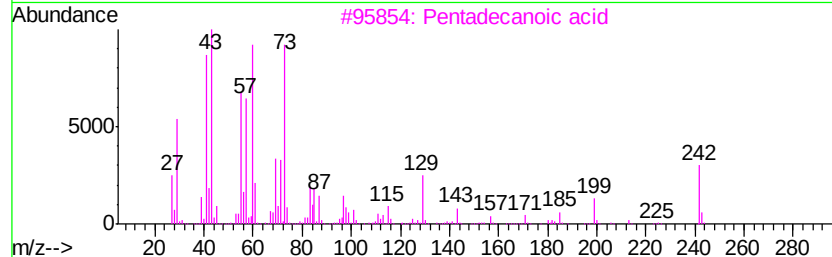
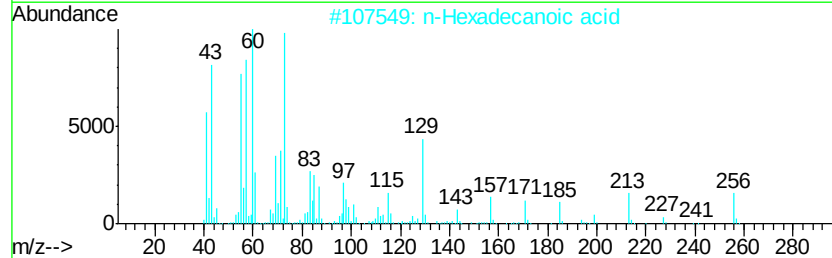
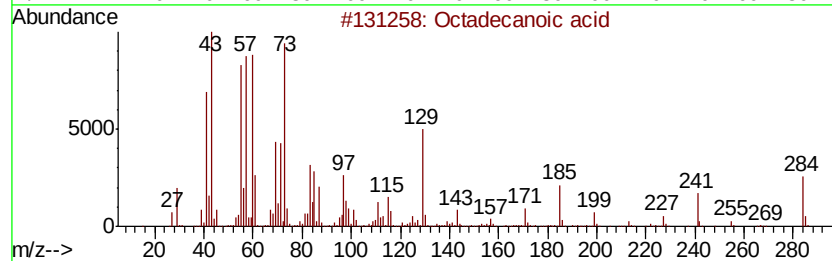
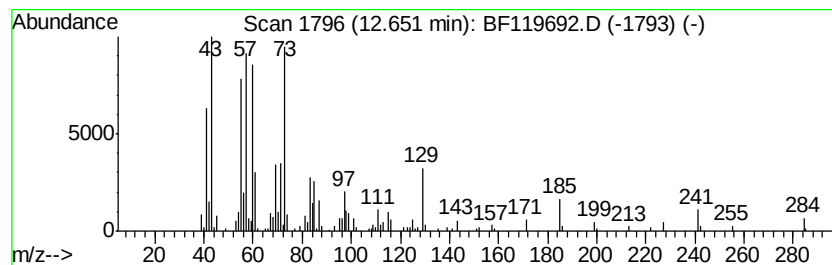
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Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.65	2.57 ng	311322	Phenanthrene-d10		11.34
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72



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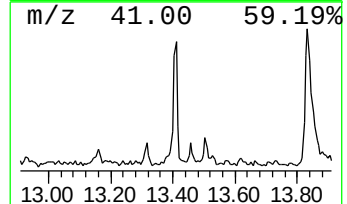
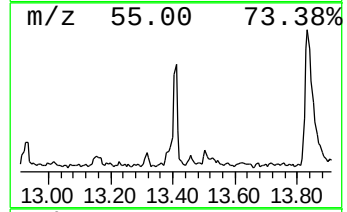
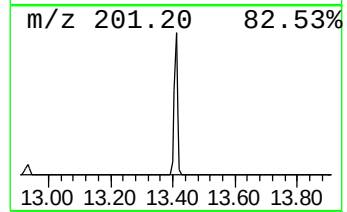
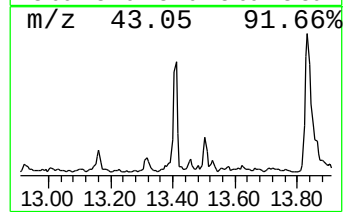
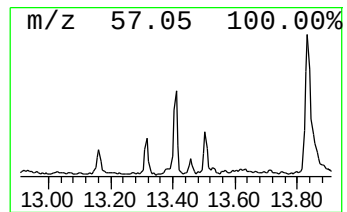
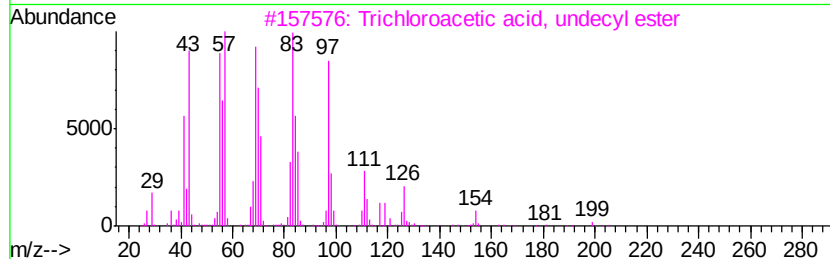
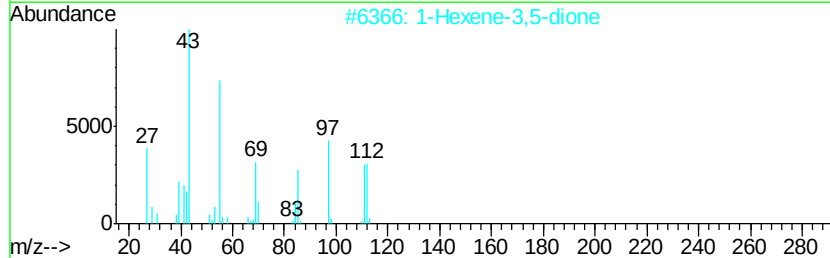
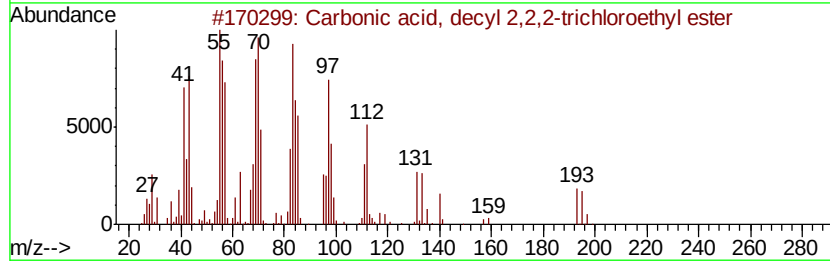
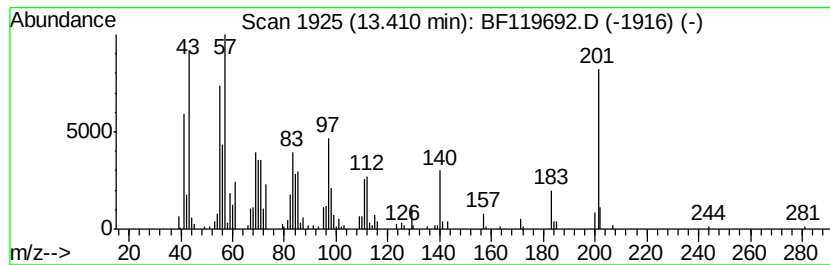
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Peak Number 6 unknown13.41 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.41	2.41 ng	266255	Chrysene-d12	13.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, decyl 2,2,2-trichloroethyl ester	332	C13H23Cl3O3	1000314-55-6	45
2	1-Hexene-3,5-dione	112	C6H8O2	052204-69-0	38
3	Trichloroacetic acid, undecyl ester	316	C13H23Cl3O2	074339-49-4	35
4	Formic acid, decyl ester	186	C11H22O2	005451-52-5	35
5	Cyclodecane	140	C10H20	000293-96-9	30



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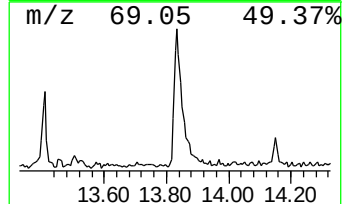
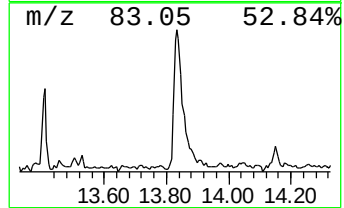
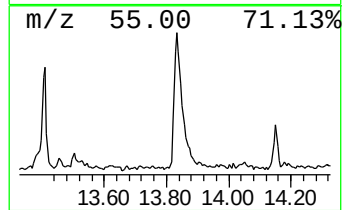
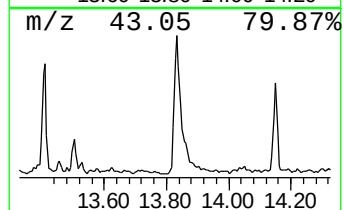
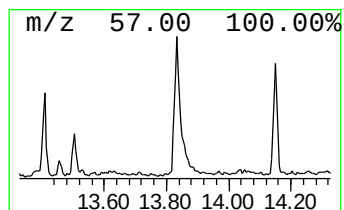
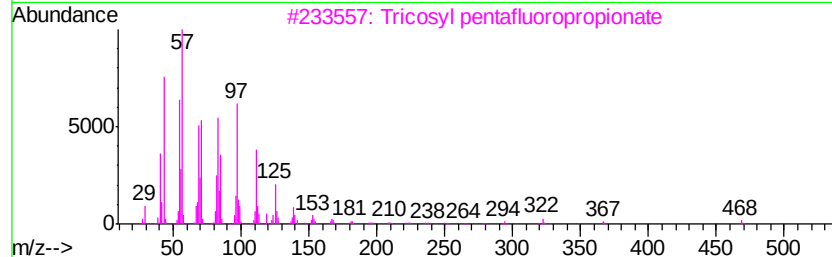
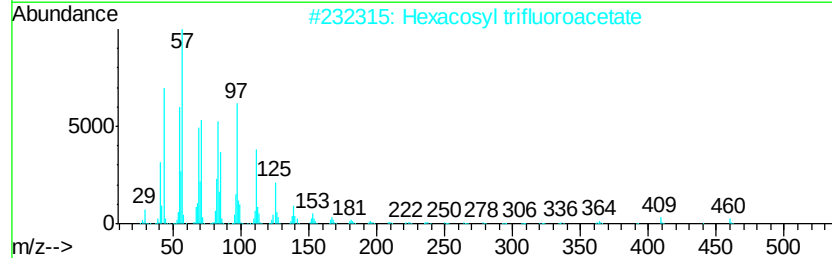
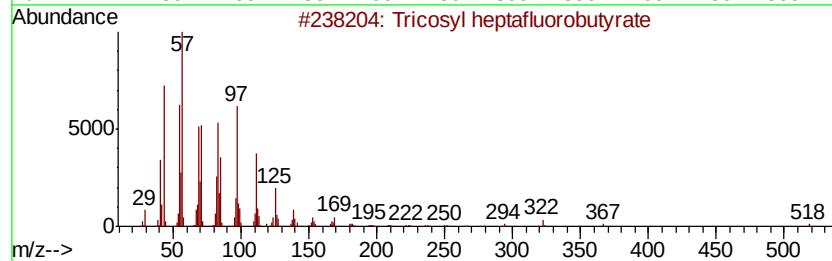
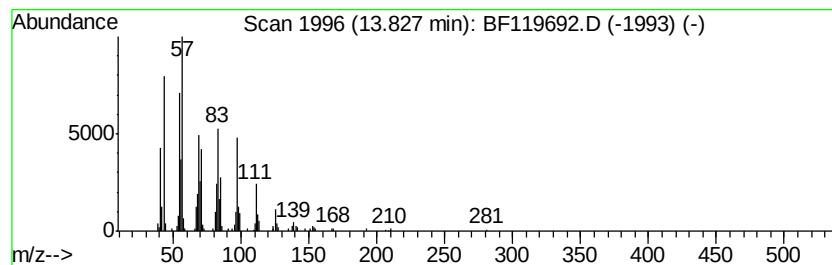
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ClientSampleId :
SB-1D-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tricosyl heptafluorobutyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.83	4.37 ng	482139	Chrysene-d12		13.98	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosyl	heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	91
2	Hexacosyl	trifluoroacetate	478	C28H53F3O2	1000351-75-0	91
3	Tricosyl	pentafluoropropionate	486	C26H47F5O2	1000351-81-0	91
4	Octadecyl	trifluoroacetate	366	C20H37F3O2	079392-43-1	91
5	Dotriacontyl	pentafluoropropionate	612	C35H65F5O2	1000351-81-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119692.D
Acq On : 2 Apr 2020 3:03
Operator : MA/SJ
Sample : L2089-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

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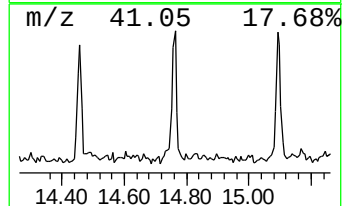
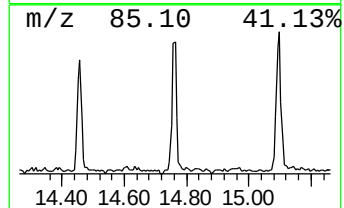
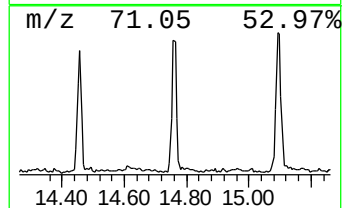
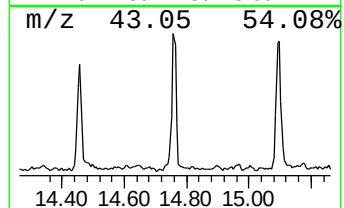
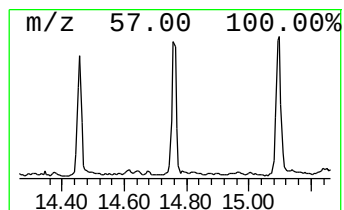
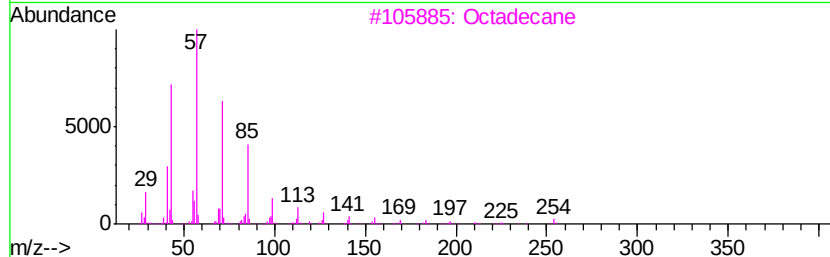
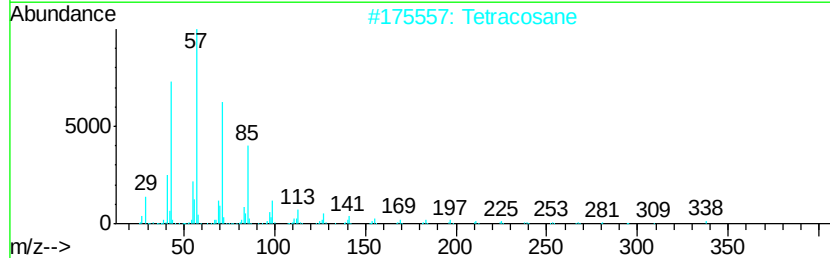
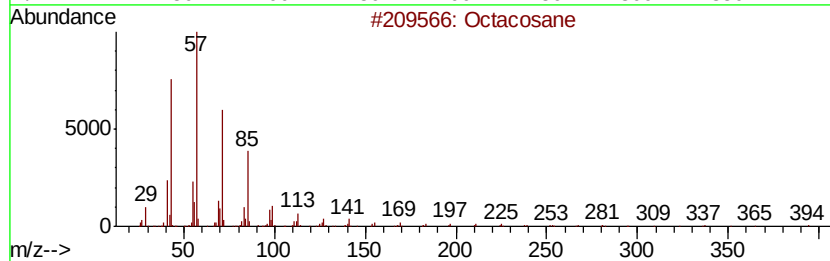
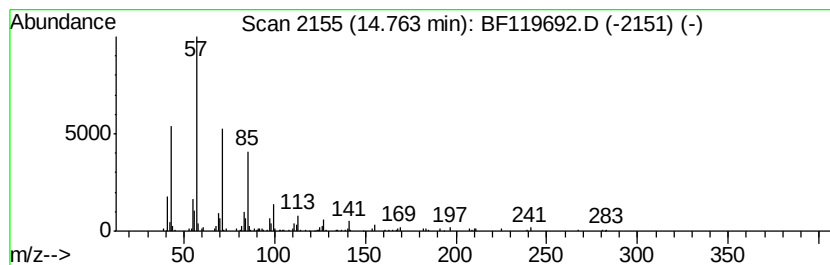
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	2.18 ng	228051	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Hexadecane	226	C16H34	000544-76-3	91
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119692.D
Acq On : 2 Apr 2020 3:03
Operator : MA/SJ
Sample : L2089-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

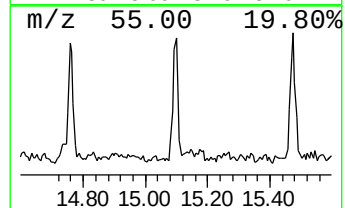
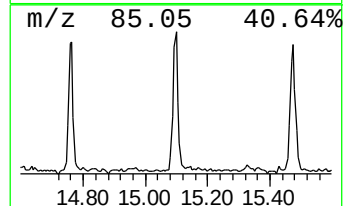
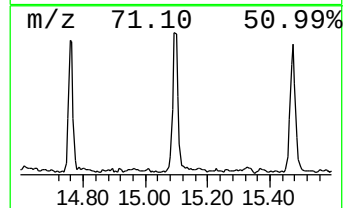
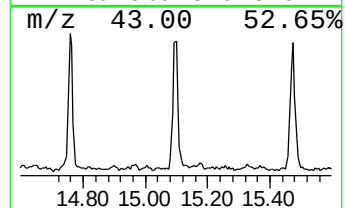
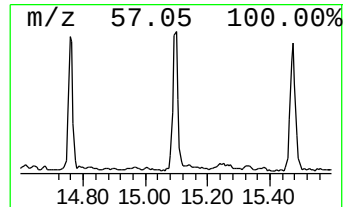
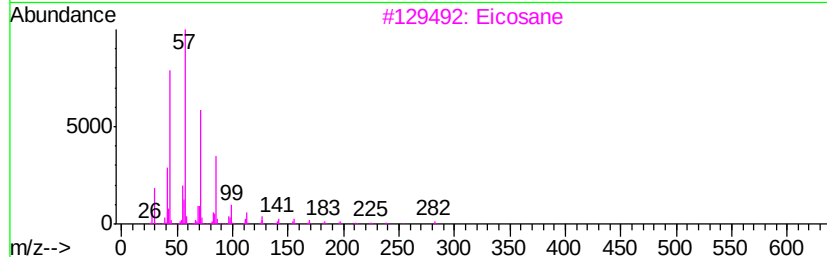
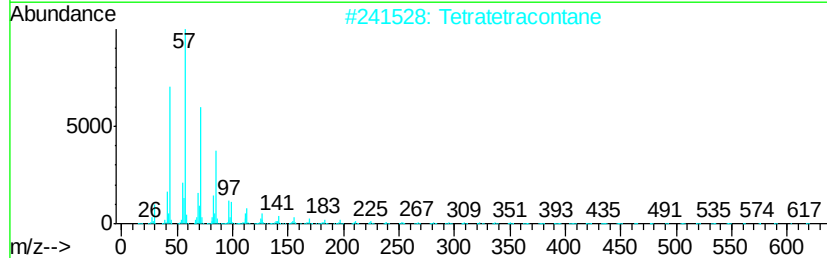
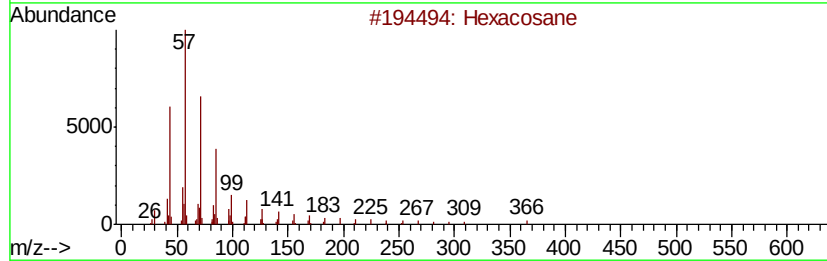
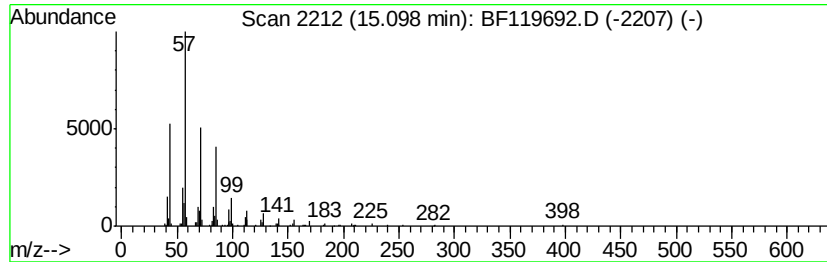
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	2.51 ng	263175	Perylene-d12	15.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	90
2	Tetratetracontane	619 C44H90	007098-22-8	90
3	Eicosane	282 C20H42	000112-95-8	87
4	1-Iodoundecane	282 C11H23I	004282-44-4	87
5	Heptadecane	240 C17H36	000629-78-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119692.D
Acq On : 2 Apr 2020 3:03
Operator : MA/SJ
Sample : L2089-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

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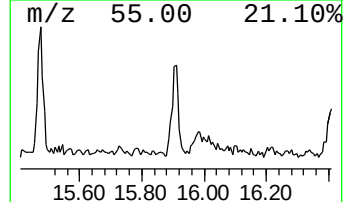
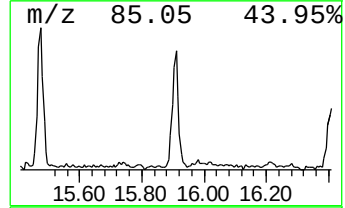
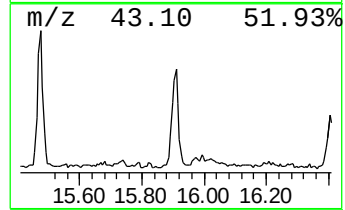
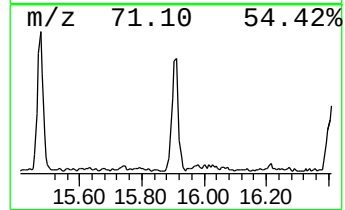
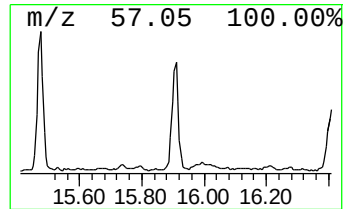
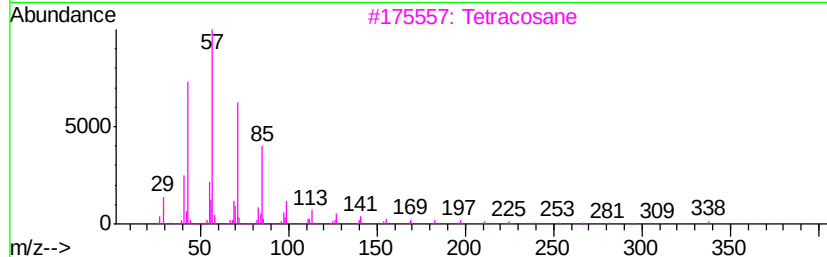
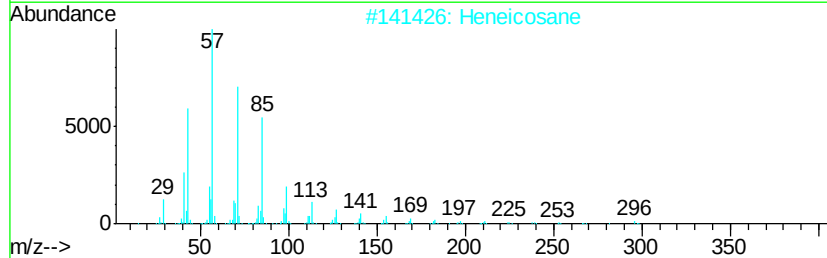
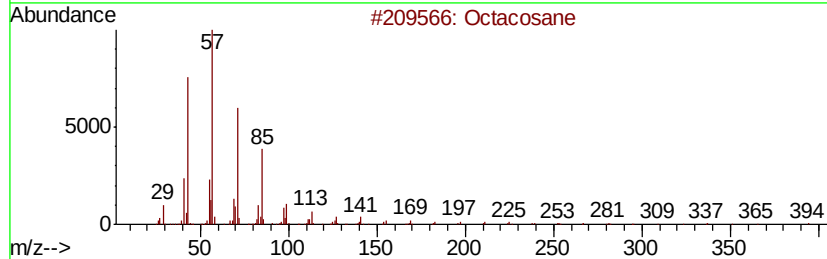
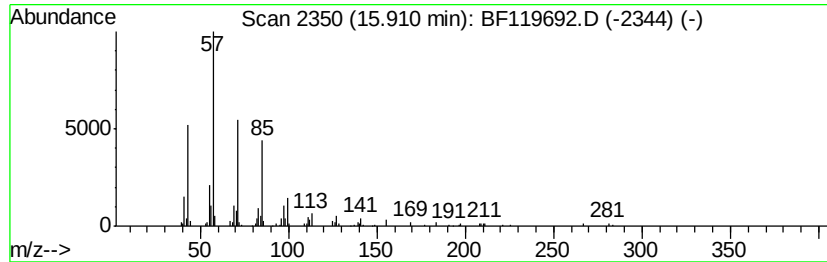
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	2.31 ng	241665	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5		Docosane	310	C22H46	000629-97-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
Data File : BF119692.D
Acq On : 2 Apr 2020 3:03
Operator : MA/SJ
Sample : L2089-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1D-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.03	4.2 ng		290248	1	6.81	1390030	20.0
Ethanol, 2-(2-eth...	6.63	2.0 ng		140282	1	6.81	1390030	20.0
n-Hexadecanoic acid	11.87	4.5 ng		539500	4	11.34	2427270	20.0
Octadecanoic acid	12.65	2.6 ng		311322	4	11.34	2427270	20.0
unknown13.41	13.41	2.4 ng		266255	5	13.98	2208480	20.0
Tricosyl heptaflu...	13.83	4.4 ng		482139	5	13.98	2208480	20.0
Octacosane	14.76	2.2 ng		228051	6	15.43	2095130	20.0
Hexacosane	15.10	2.5 ng		263175	6	15.43	2095130	20.0
Heneicosane	15.91	2.3 ng		241665	6	15.43	2095130	20.0