

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121919\
 Data File : BF118283.D
 Acq On : 19 Dec 2019 17:04
 Operator : JU
 Sample : K6370-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-6

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-BF120619.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	5.051	500	504	516	rVB	150735	166043	3.50%	0.449%
2	5.469	571	575	595	rBV	1181923	1141937	24.09%	3.086%
3	6.486	744	748	763	rBV	1230417	1228584	25.91%	3.320%
4	6.628	768	772	775	rBV	1688365	1407937	29.70%	3.805%
5	6.857	807	811	819	rBV	758960	596299	12.58%	1.611%
6	7.016	834	838	841	rBV	1279886	1142622	24.10%	3.088%
7	7.422	903	907	919	rBV	968428	891379	18.80%	2.409%
8	8.145	1026	1030	1042	rBV	872517	788381	16.63%	2.130%
9	8.533	1076	1096	1098	rBV	89708	207917	4.39%	0.562%
10	8.557	1098	1100	1116	rVB	76381	126779	2.67%	0.343%
11	9.222	1209	1213	1225	rBV	1789868	1468216	30.97%	3.968%
12	9.616	1277	1280	1286	rBV	181677	152095	3.21%	0.411%
13	9.904	1325	1329	1340	rVB	1104914	948910	20.02%	2.564%
14	10.104	1359	1363	1369	rBV3	31321	47976	1.01%	0.130%
15	10.698	1460	1464	1475	rBV	1294820	1215849	25.65%	3.286%
16	11.080	1520	1529	1539	rVB	360425	434000	9.15%	1.173%
17	11.398	1579	1583	1591	rBV	1163174	1016363	21.44%	2.747%
18	11.921	1664	1672	1688	rVV	463833	603244	12.72%	1.630%
19	12.427	1736	1758	1777	rBV	1185785	4275886	90.19%	11.555%
20	12.621	1785	1791	1798	rBV7	28515	71255	1.50%	0.193%
21	12.710	1801	1806	1818	rVV	279610	406872	8.58%	1.100%
22	12.986	1849	1853	1868	rVB	1755442	1463835	30.88%	3.956%
23	13.186	1879	1887	1894	rBV2	57235	167123	3.53%	0.452%
24	13.304	1902	1907	1916	rVB2	27571	58089	1.23%	0.157%
25	13.557	1938	1950	1960	rBV	1665249	4740936	100.00%	12.812%
26	13.886	2002	2006	2017	rVB	123004	168626	3.56%	0.456%
27	14.021	2019	2029	2031	rVV2	96632	184884	3.90%	0.500%
28	14.051	2031	2034	2039	rVV	984118	990653	20.90%	2.677%
29	14.110	2039	2044	2050	rVB2	53484	113665	2.40%	0.307%
30	14.204	2055	2060	2063	rBV	113923	106796	2.25%	0.289%
31	14.280	2063	2073	2088	rBV	1894745	4004382	84.46%	10.821%
32	14.509	2108	2112	2117	rBV	195137	197882	4.17%	0.535%
33	14.645	2125	2135	2138	rBV3	123993	261227	5.51%	0.706%
34	14.709	2144	2146	2154	rVB2	61749	95925	2.02%	0.259%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.821	2161	2165	2167	rVV	253123	280374	5.91%	0.758%
36	14.868	2167	2173	2186	rVB	1349088	2397055	50.56%	6.478%
37	15.162	2218	2223	2229	rVB	278388	321323	6.78%	0.868%
38	15.339	2251	2253	2260	rVB5	28518	52127	1.10%	0.141%
39	15.545	2275	2288	2301	rBV2	879965	2000048	42.19%	5.405%
40	15.951	2350	2357	2360	rBV7	60226	132748	2.80%	0.359%
41	15.998	2360	2365	2373	rVV	189839	372845	7.86%	1.008%
42	16.056	2373	2375	2384	rVB8	22651	57135	1.21%	0.154%
43	16.280	2403	2413	2424	rBV3	90036	271747	5.73%	0.734%
44	16.509	2446	2452	2458	rBV2	86451	167778	3.54%	0.453%
45	17.115	2549	2555	2558	rBV4	29256	58864	1.24%	0.159%

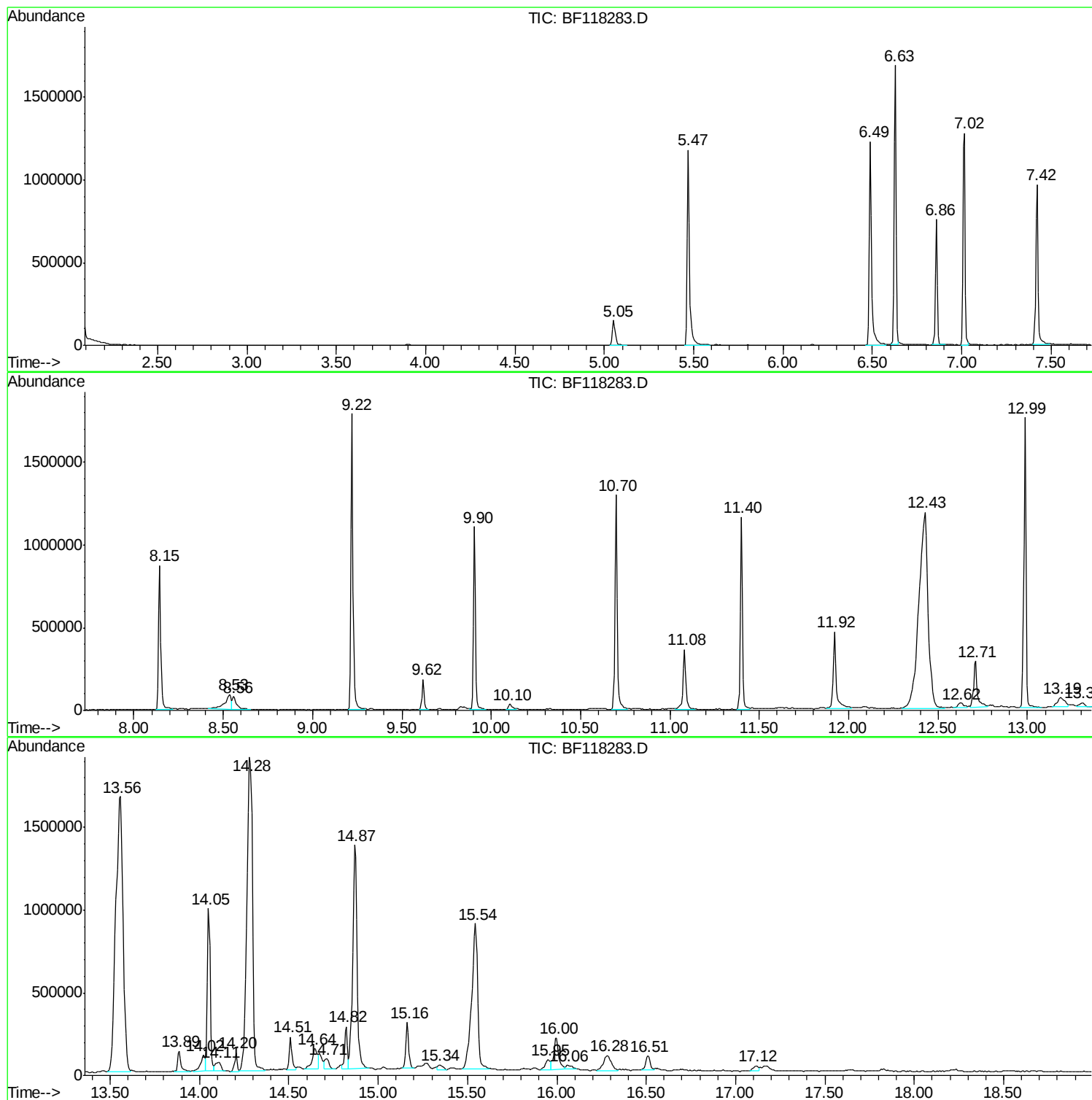
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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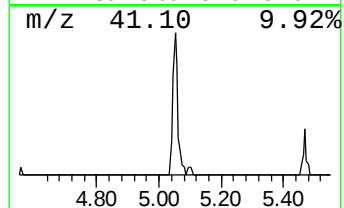
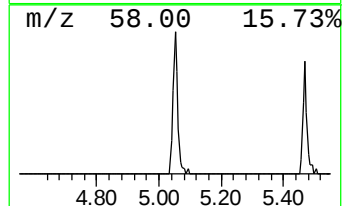
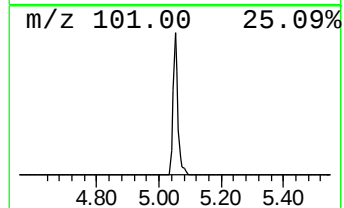
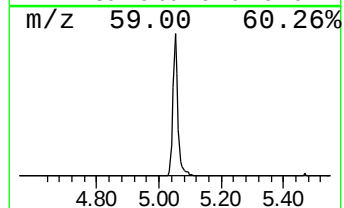
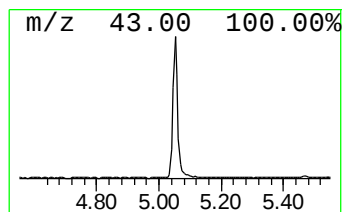
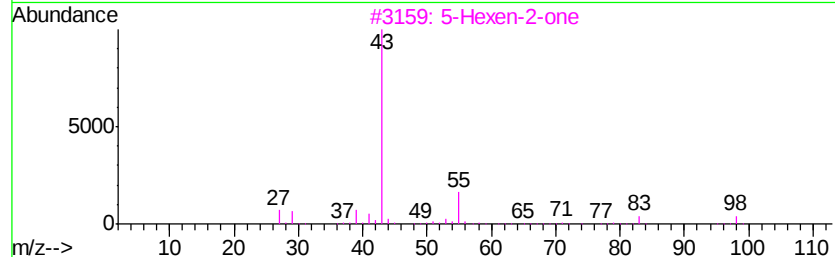
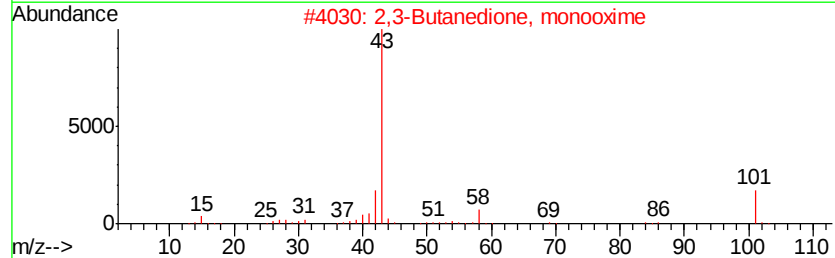
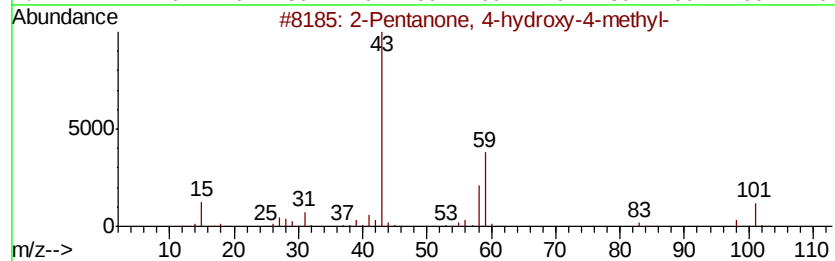
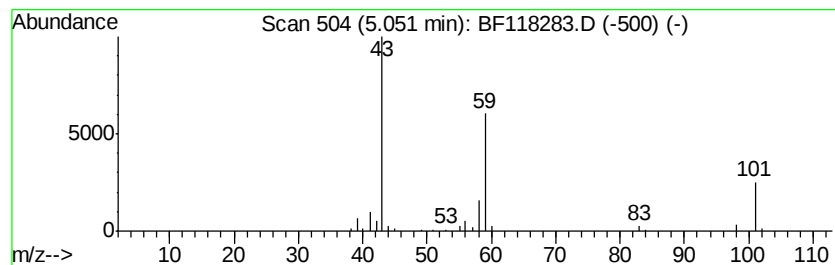
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	5.57 ng	166043	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3			5-Hexen-2-one	98	C6H10O	000109-49-9	9
4			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5			Acetone	58	C3H6O	000067-64-1	9



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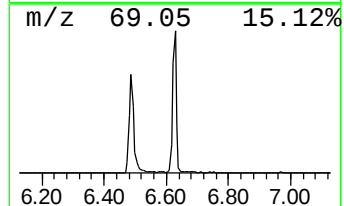
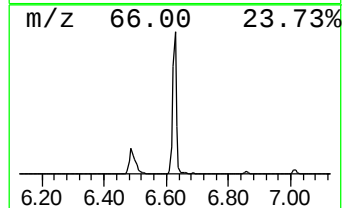
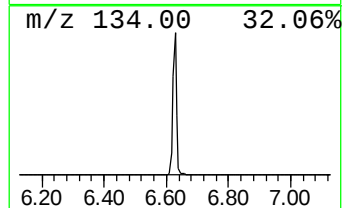
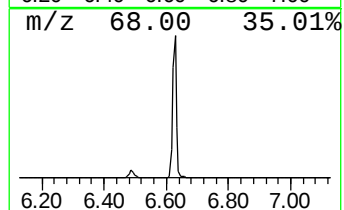
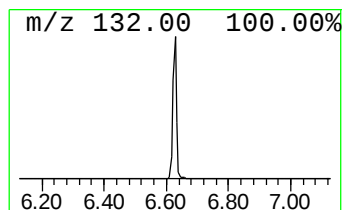
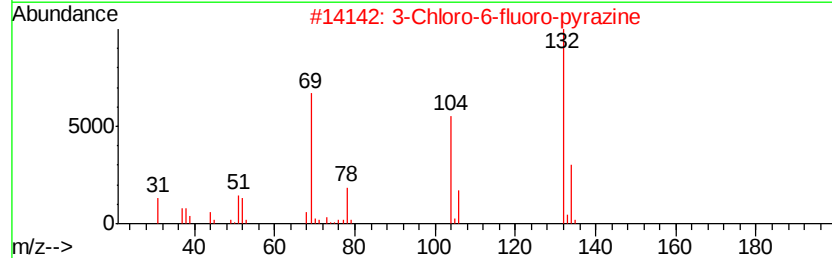
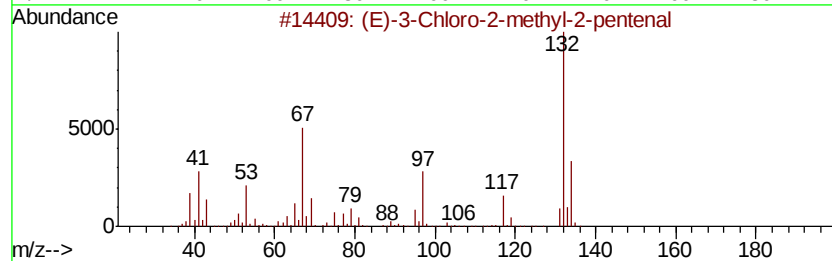
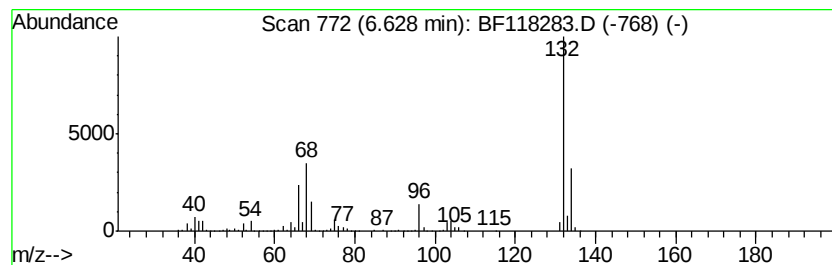
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.63 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	47.22 ng	1407940	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		2H-Cyclopentafidpyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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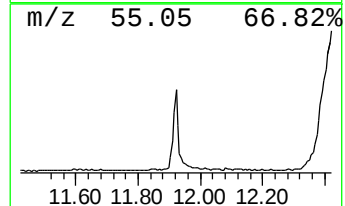
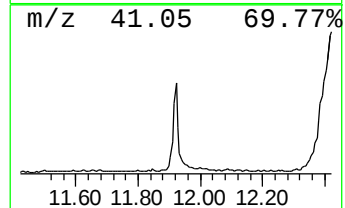
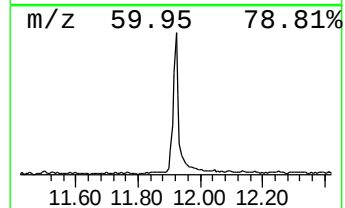
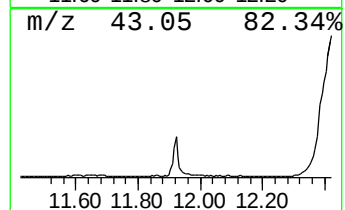
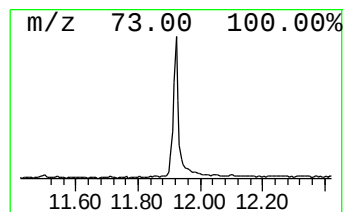
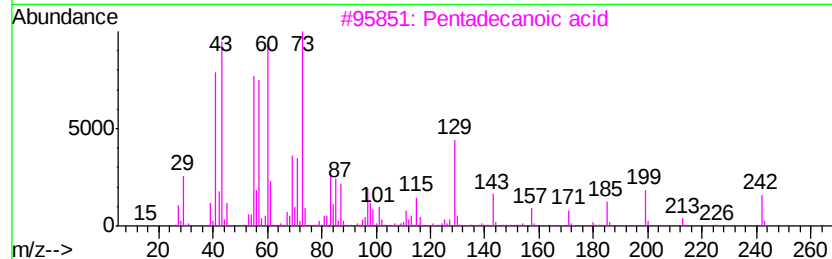
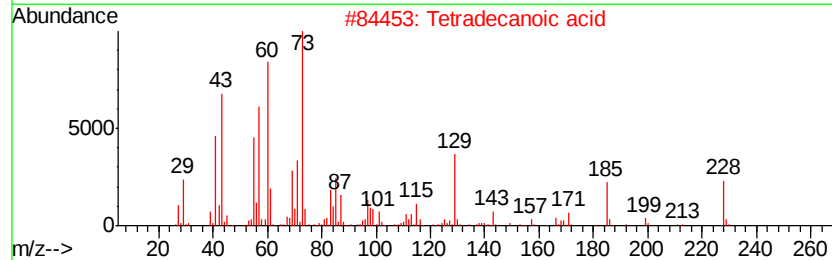
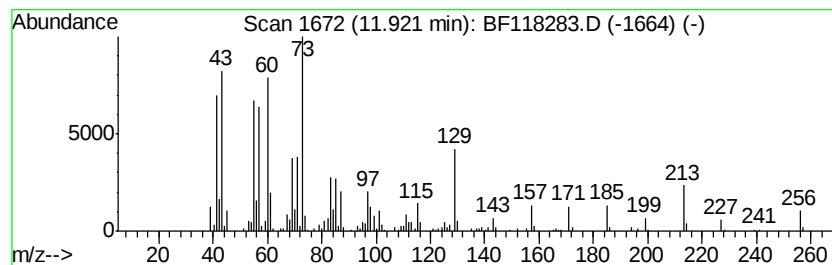
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	11.87 ng	603244	Phenanthrene-d10	11.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		Undecanoic acid	186	C11H22O2	000112-37-8	83
5		Tridecanoic acid	214	C13H26O2	000638-53-9	81



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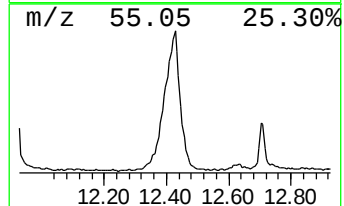
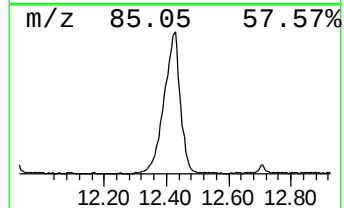
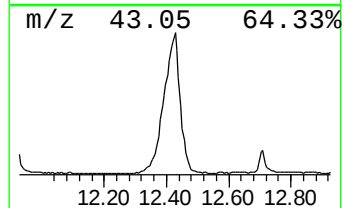
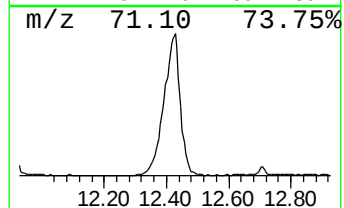
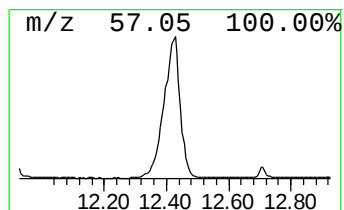
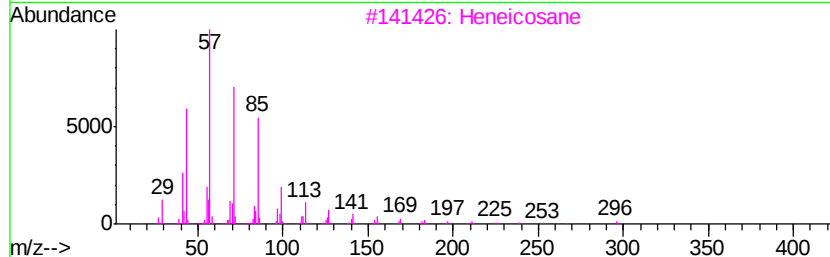
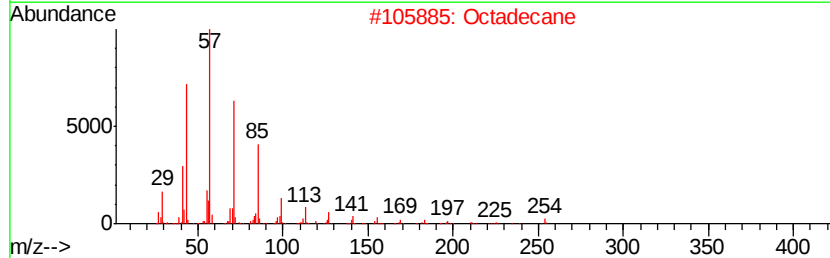
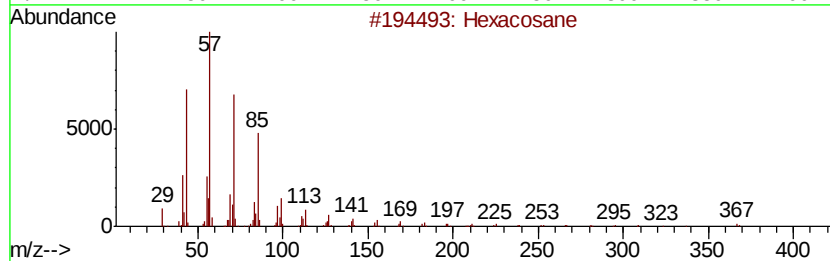
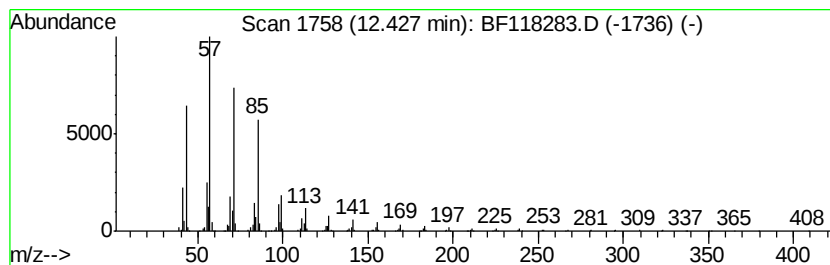
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	84.14 ng	4275890	Phenanthrene-d10	11.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	94
2	Octadecane		254	C18H38	000593-45-3	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	Tetracosane		338	C24H50	000646-31-1	91
5	2-methyloctacosane		408	C29H60	1000376-72-8	91



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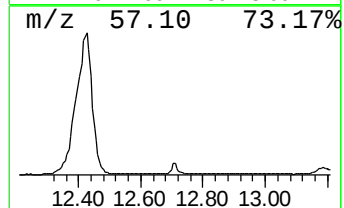
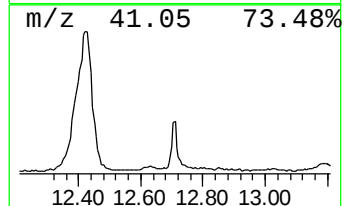
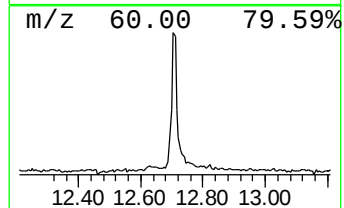
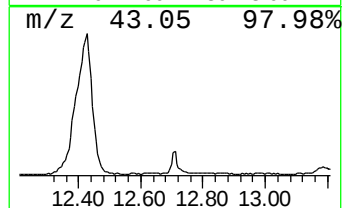
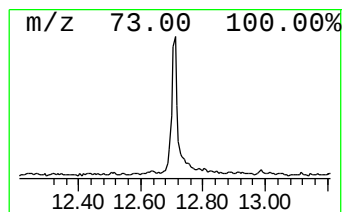
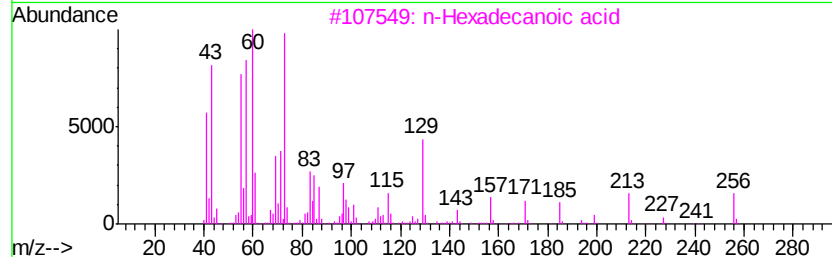
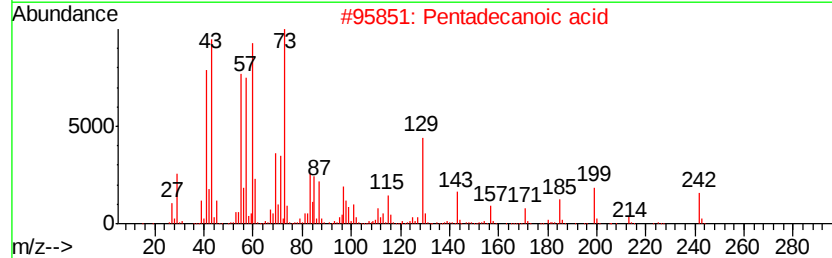
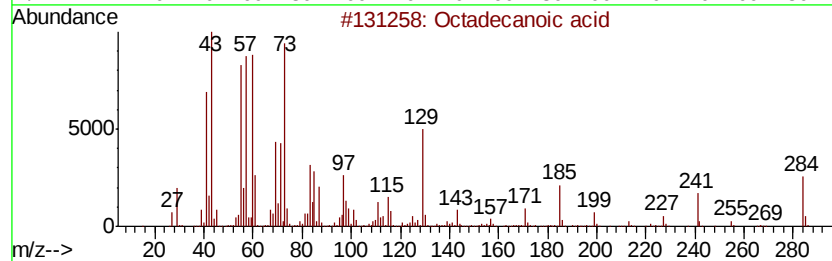
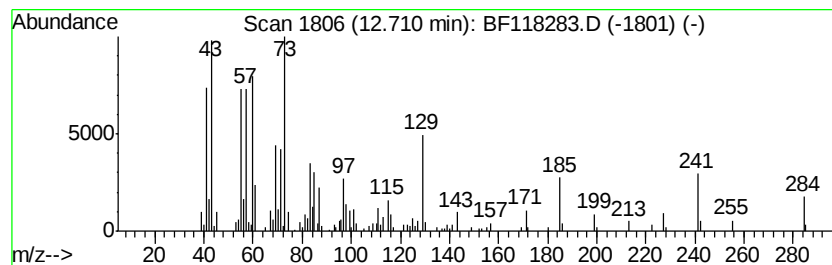
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
12.71	8.01 ng	406872	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Tridecanoic acid	214	C13H26O2	000638-53-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118283.D
 Acq On : 19 Dec 2019 17:04
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 Sample : K6370-03
 Misc :
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Instrument :
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 ClientSampleId :
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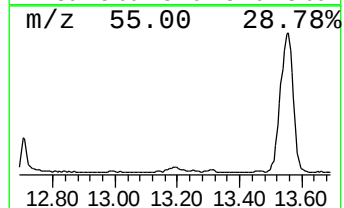
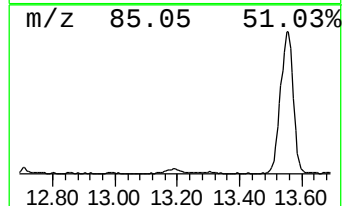
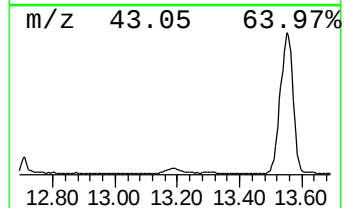
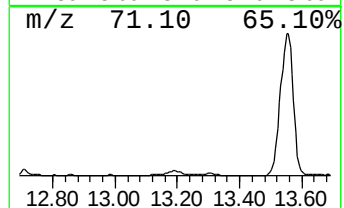
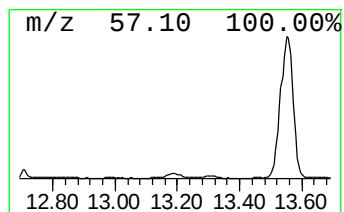
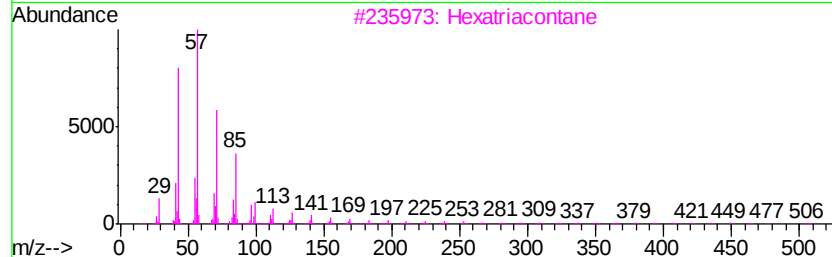
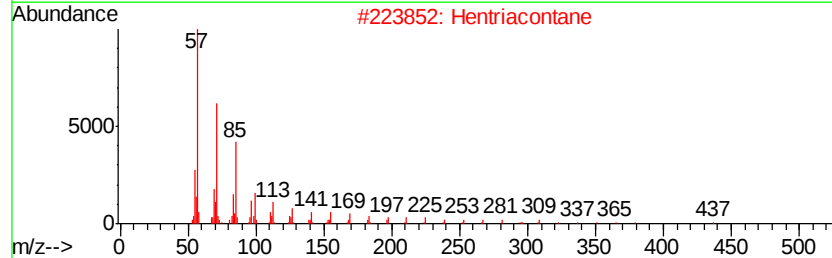
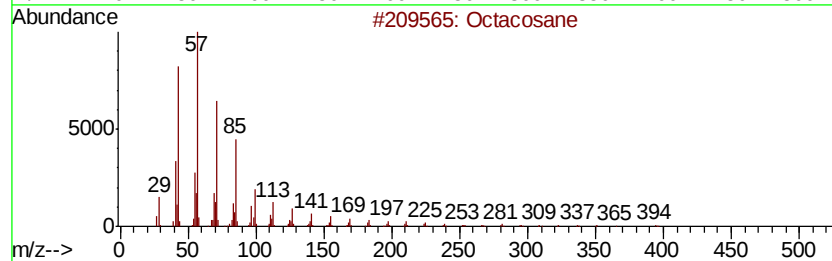
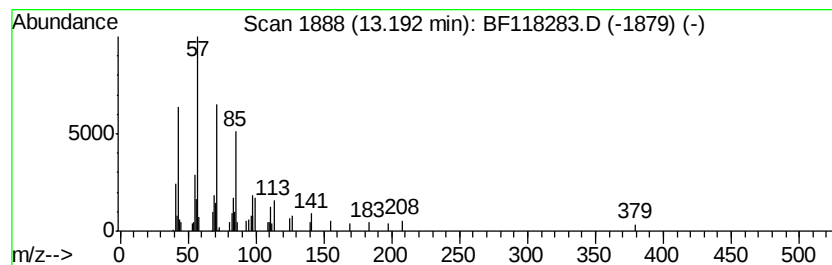
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Octacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	3.37 ng	167123	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	87
2		Hentriacontane	437	C31H64	000630-04-6	86
3		Hexatriacontane	507	C36H74	000630-06-8	86
4		Tetratetracontane	619	C44H90	007098-22-8	86
5		Hexacosane	366	C26H54	000630-01-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118283.D
Acq On : 19 Dec 2019 17:04
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Instrument :
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ClientSampleId :
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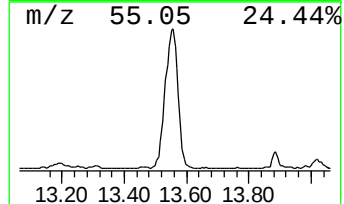
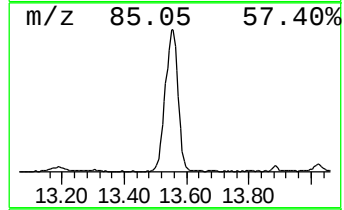
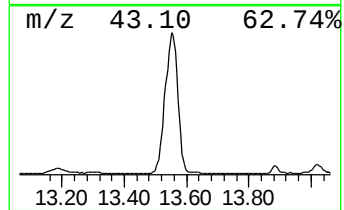
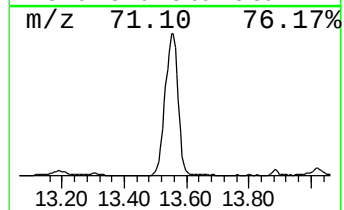
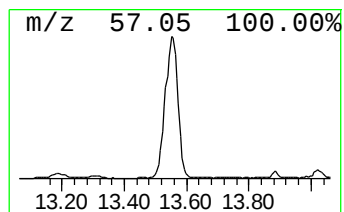
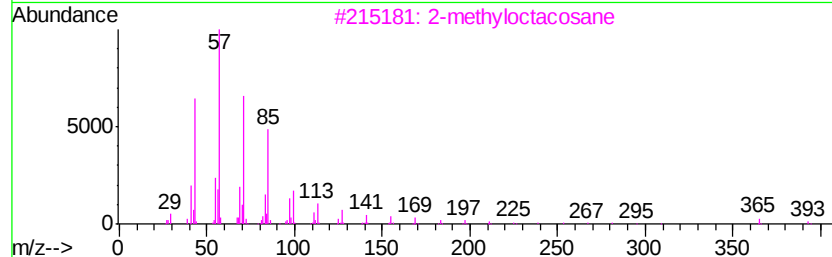
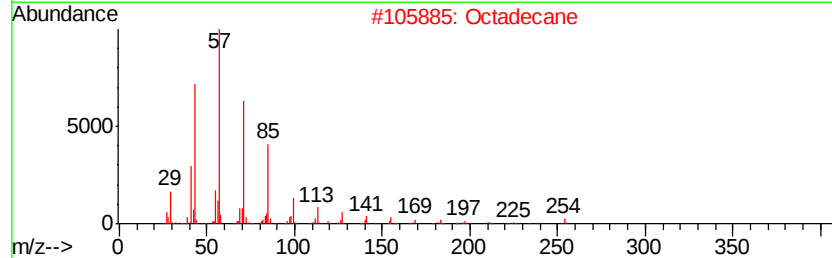
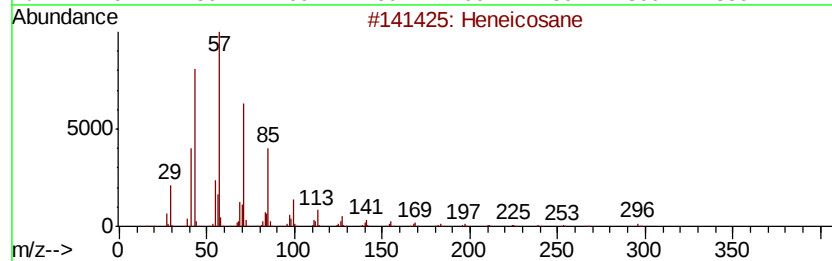
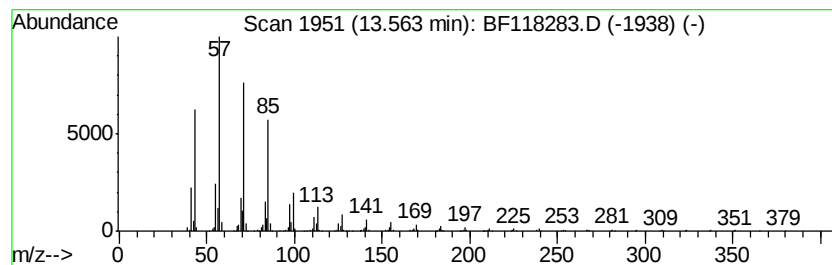
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	95.71 ng	4740940	Chrysene-d12	14.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	96
2	Octadecane		254	C18H38	000593-45-3	93
3	2-methyloctacosane		408	C29H60	1000376-72-8	91
4	Hentriacontane		437	C31H64	000630-04-6	91
5	Hexacosane		366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118283.D
Acq On : 19 Dec 2019 17:04
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Misc :
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Instrument :
BNA_F
ClientSampleId :
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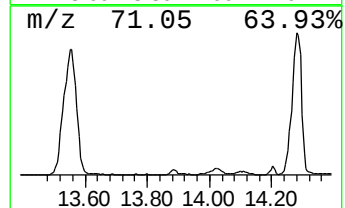
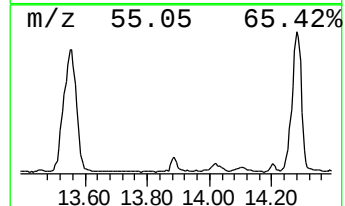
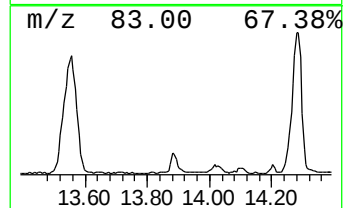
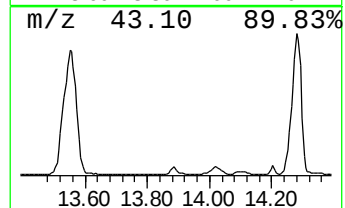
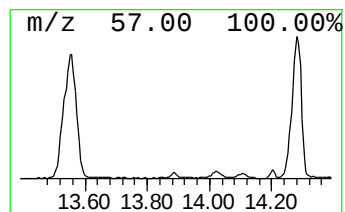
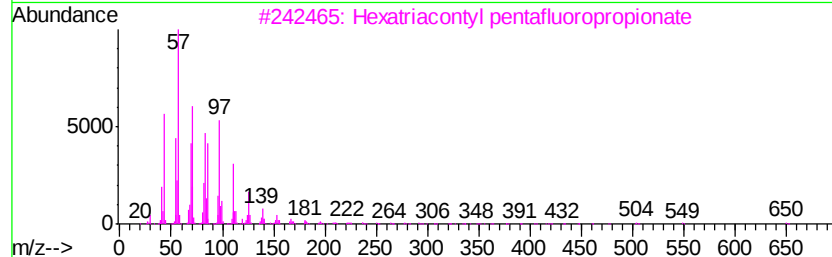
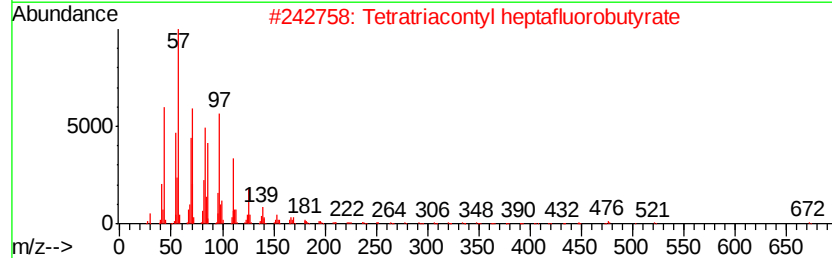
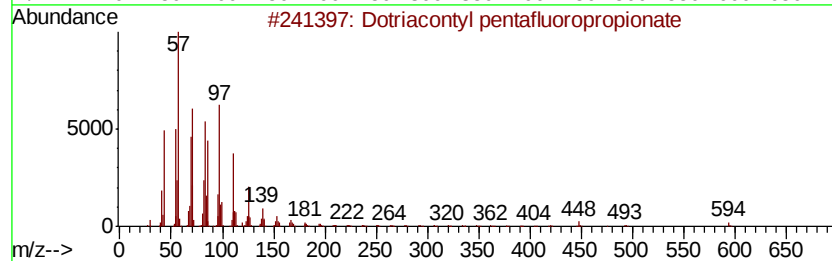
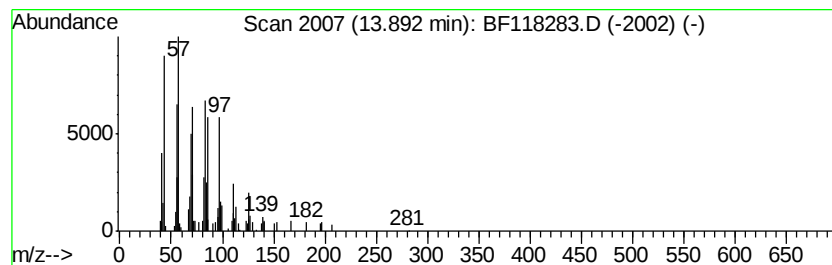
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dotriacontyl pentafluoropro... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	3.40 ng	168626	Chrysene-d12	14.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	91
2		Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	91
3		Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	91
4		Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	91
5		Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118283.D
Acq On : 19 Dec 2019 17:04
Operator : JU
Sample : K6370-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

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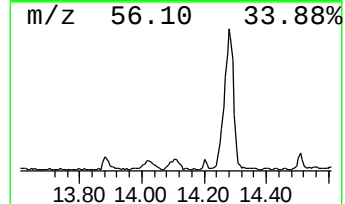
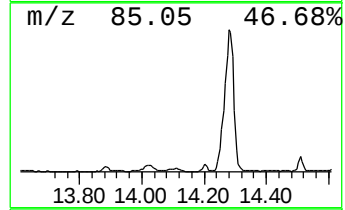
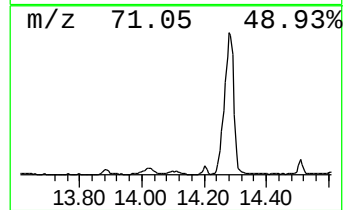
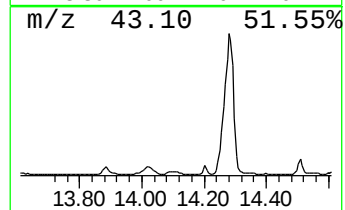
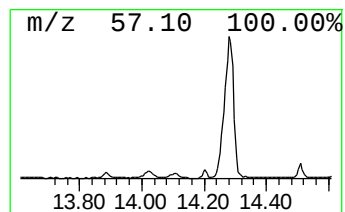
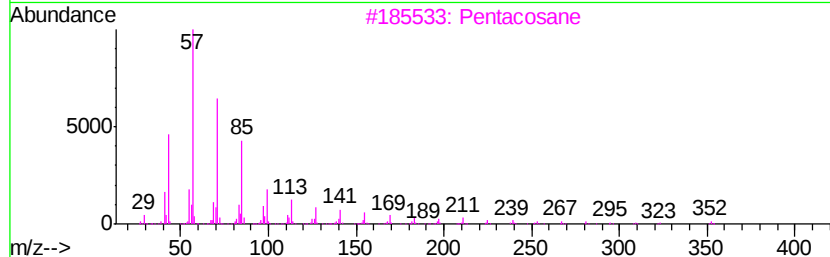
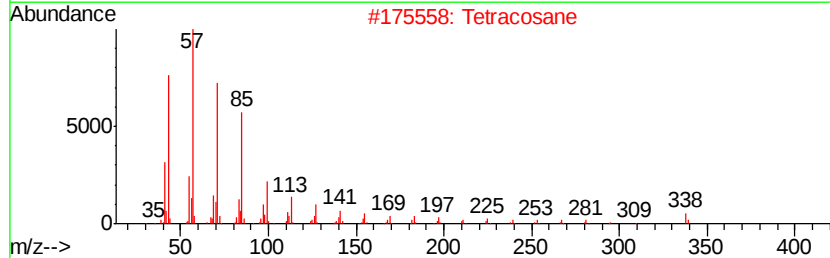
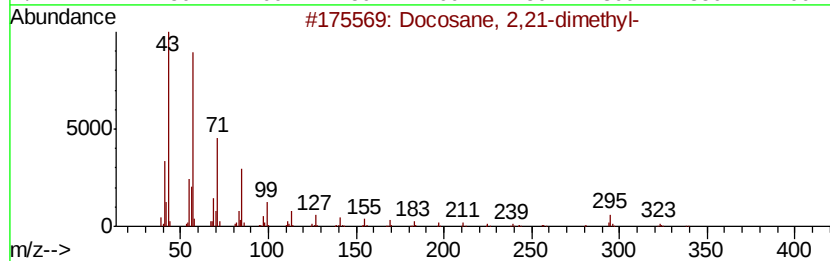
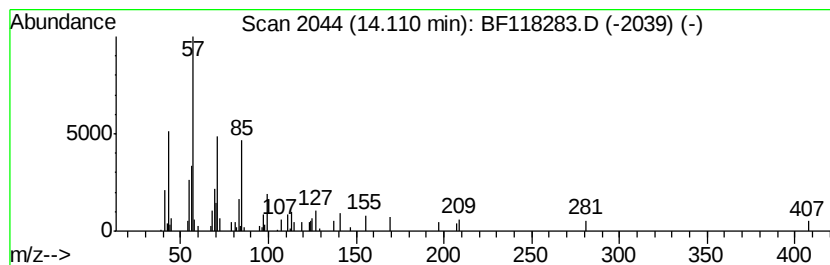
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Docosane, 2,21-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	2.29 ng	113665	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 2,21-dimethyl-	338	C24H50	077536-31-3	83
2		Tetracosane	338	C24H50	000646-31-1	80
3		Pentacosane	352	C25H52	000629-99-2	80
4		Heneicosane, 3-methyl-	310	C22H46	006418-47-9	80
5		triacontane	422	C30H62	000638-68-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118283.D
Acq On : 19 Dec 2019 17:04
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Misc :
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Instrument :
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ClientSampleId :
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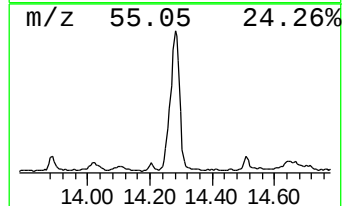
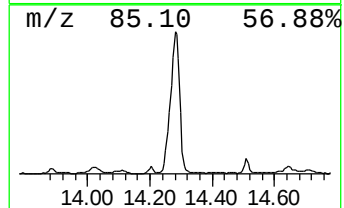
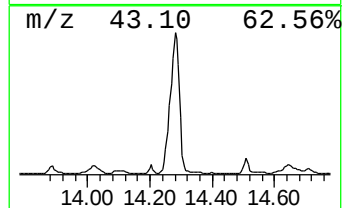
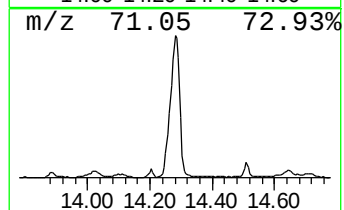
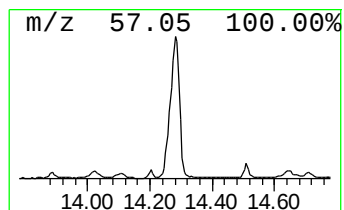
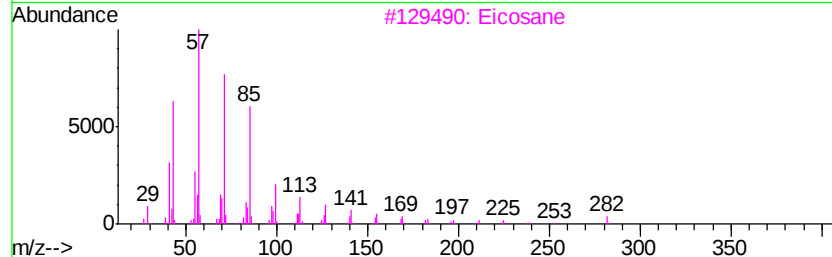
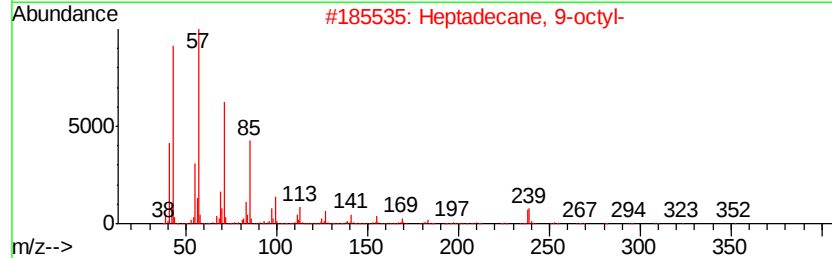
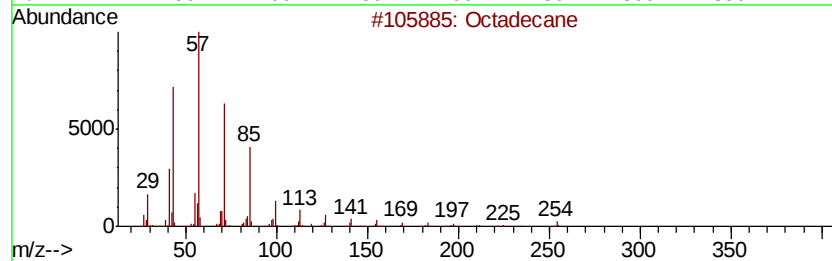
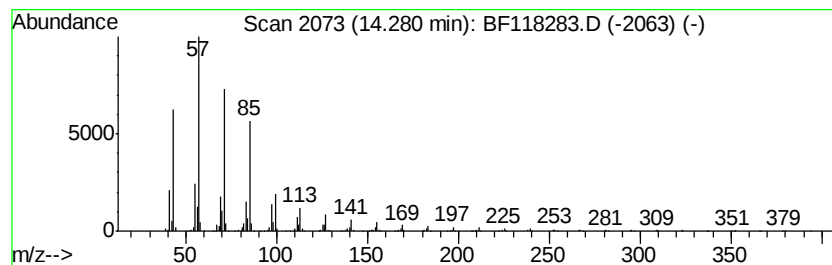
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	80.84 ng	4004380	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3		Eicosane	282	C20H42	000112-95-8	93
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118283.D
Acq On : 19 Dec 2019 17:04
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Misc :
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ClientSampleId :
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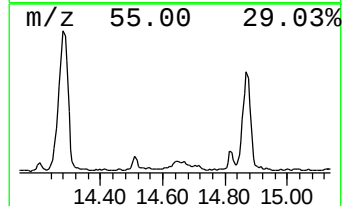
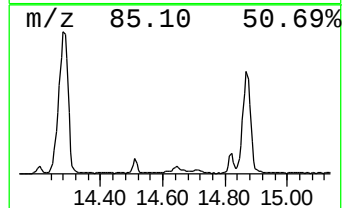
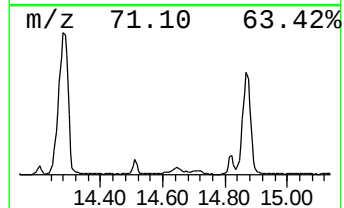
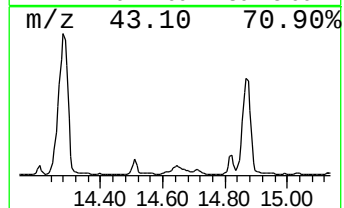
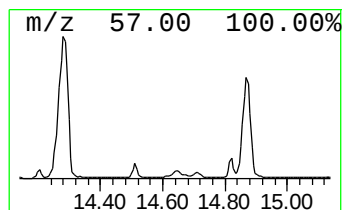
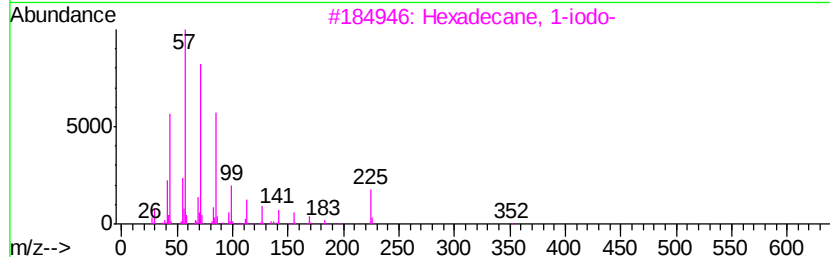
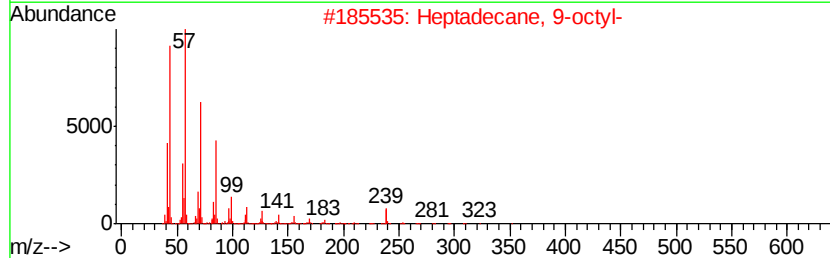
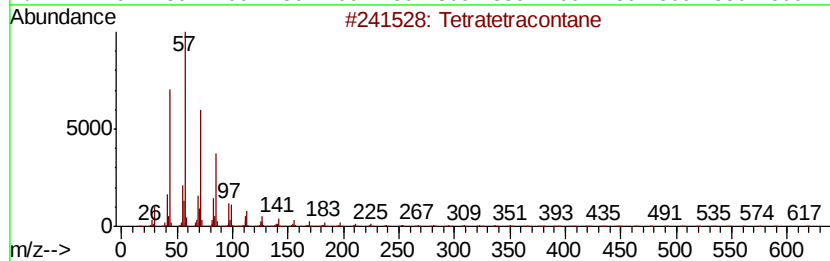
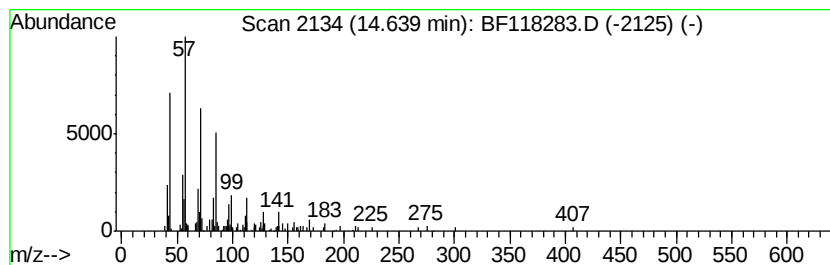
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetratetracontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	5.27 ng	261227	Chrysene-d12	14.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	90
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87
4		Docosane, 11-decyl-	451	C32H66	055401-55-3	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118283.D
Acq On : 19 Dec 2019 17:04
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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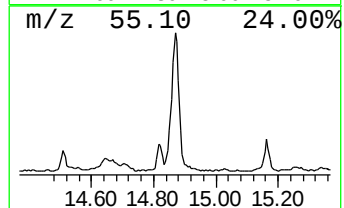
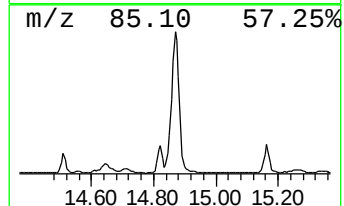
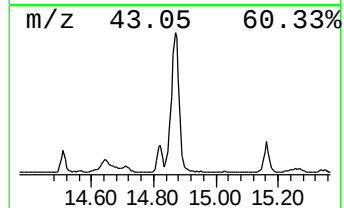
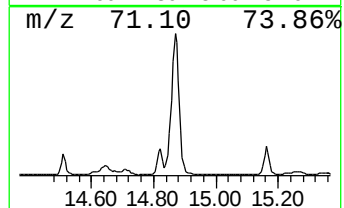
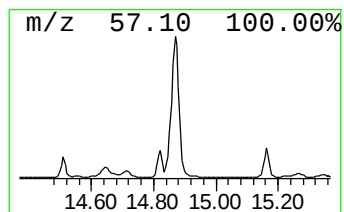
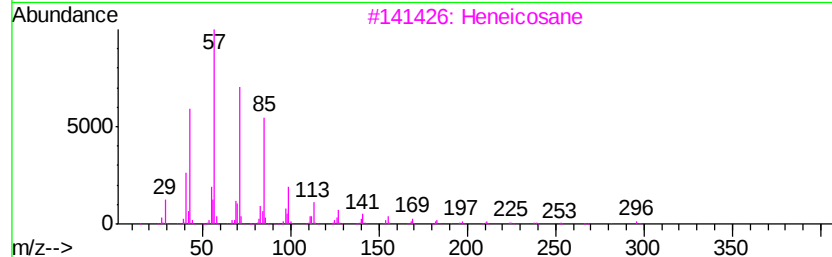
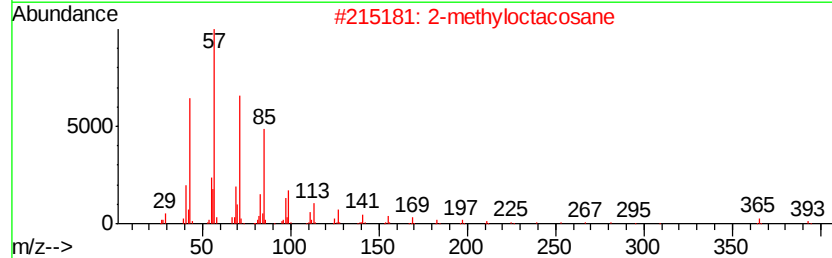
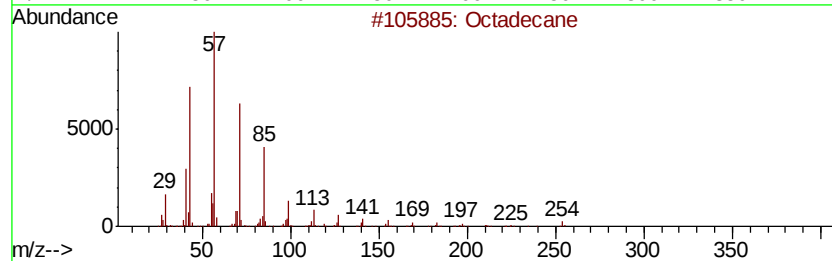
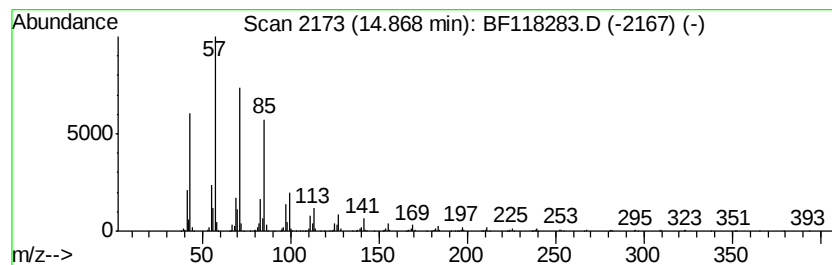
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	23.97 ng	2397060	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	93
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121919\
 Data File : BF118283.D
 Acq On : 19 Dec 2019 17:04
 Operator : JU
 Sample : K6370-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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...	5.05	5.6	ng	166043	1	6.86	596299	20.0
unknown6.63	6.63	47.2	ng	1407940	1	6.86	596299	20.0
n-Hexadecanoic acid	11.92	11.9	ng	603244	4	11.40	1016360	20.0
Hexacosane	12.43	84.1	ng	4275890	4	11.40	1016360	20.0
Octadecanoic acid	12.71	8.0	ng	406872	4	11.40	1016360	20.0
Octacosane	13.19	3.4	ng	167123	5	14.05	990653	20.0
Heneicosane	13.56	95.7	ng	4740940	5	14.05	990653	20.0
Dotriacontyl pent...	13.89	3.4	ng	168626	5	14.05	990653	20.0
Docosane, 2,21-di...	14.11	2.3	ng	113665	5	14.05	990653	20.0
Octadecane	14.28	80.8	ng	4004380	5	14.05	990653	20.0
Tetratetracontane	14.64	5.3	ng	261227	5	14.05	990653	20.0
2-methyloctacosane	14.87	24.0	ng	2397060	6	15.54	2000050	20.0