

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114860.D
 Acq On : 6 Jun 2019 13:55
 Operator : HP/JU
 Sample : K3192-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLVR-AVEX-WC1B

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-BF060419.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	3.628	253	262	269	rVB	80665	131667	1.36%	0.145%
2	4.875	470	474	484	rVB	74518	109378	1.13%	0.120%
3	5.281	537	543	546	rBV	6938333	7581527	78.27%	8.340%
4	6.310	712	718	721	rBV	6651530	7978613	82.36%	8.777%
5	6.440	735	740	743	rBV	7780341	8250531	85.17%	9.076%
6	6.669	775	779	782	rBV	2780433	2348053	24.24%	2.583%
7	6.828	801	806	809	rBV	6999176	6499477	67.10%	7.150%
8	7.228	868	874	877	rBV	4782407	5366341	55.40%	5.903%
9	7.945	992	996	1000	rBV	3269968	3214165	33.18%	3.536%
10	9.028	1174	1180	1183	rBV	9431063	9686975	100.00%	10.656%
11	9.416	1242	1246	1253	rBV	1333268	1086206	11.21%	1.195%
12	9.698	1288	1294	1297	rBV	4162637	3842492	39.67%	4.227%
13	10.016	1337	1348	1350	rBV4	57404	143441	1.48%	0.158%
14	10.480	1422	1427	1430	rBV	5774750	5643507	58.26%	6.208%
15	11.169	1540	1544	1547	rBV	4569491	4007170	41.37%	4.408%
16	11.716	1634	1637	1644	rVB	675809	592807	6.12%	0.652%
17	12.369	1746	1748	1755	rBV	250928	238513	2.46%	0.262%
18	12.492	1767	1769	1779	rBV3	171953	283037	2.92%	0.311%
19	12.580	1781	1784	1790	rVB3	408254	571744	5.90%	0.629%
20	12.757	1809	1814	1817	rBV	9056122	9654808	99.67%	10.621%
21	12.998	1852	1855	1858	rVB2	115321	112564	1.16%	0.124%
22	13.239	1892	1896	1900	rBV	331616	460310	4.75%	0.506%
23	13.345	1911	1914	1917	rVB	168899	158528	1.64%	0.174%
24	13.657	1964	1967	1975	rVB2	1314376	1465454	15.13%	1.612%
25	13.792	1985	1990	1993	rBV	3824043	3597197	37.13%	3.957%
26	13.986	2019	2023	2026	rBV	430698	396391	4.09%	0.436%
27	14.292	2072	2075	2079	rBV	643545	608818	6.28%	0.670%
28	14.592	2122	2126	2130	rBV	680722	645718	6.67%	0.710%
29	14.792	2157	2160	2163	rBV	144277	187267	1.93%	0.206%
30	14.898	2174	2178	2187	rBV	741862	868974	8.97%	0.956%
31	15.121	2213	2216	2219	rVV	130811	146408	1.51%	0.161%
32	15.186	2221	2227	2232	rVV	2303199	2882402	29.76%	3.171%
33	15.245	2233	2237	2242	rVB	571039	685306	7.07%	0.754%
34	15.639	2299	2304	2307	rBV	439879	617968	6.38%	0.680%

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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	15.674	2308	2310	2319	rvB3	170027	280844	2.90%	0.309%
36	16.092	2376	2381	2390	rvB2	234265	412255	4.26%	0.453%
37	16.615	2467	2470	2478	rvB3	88134	149983	1.55%	0.165%

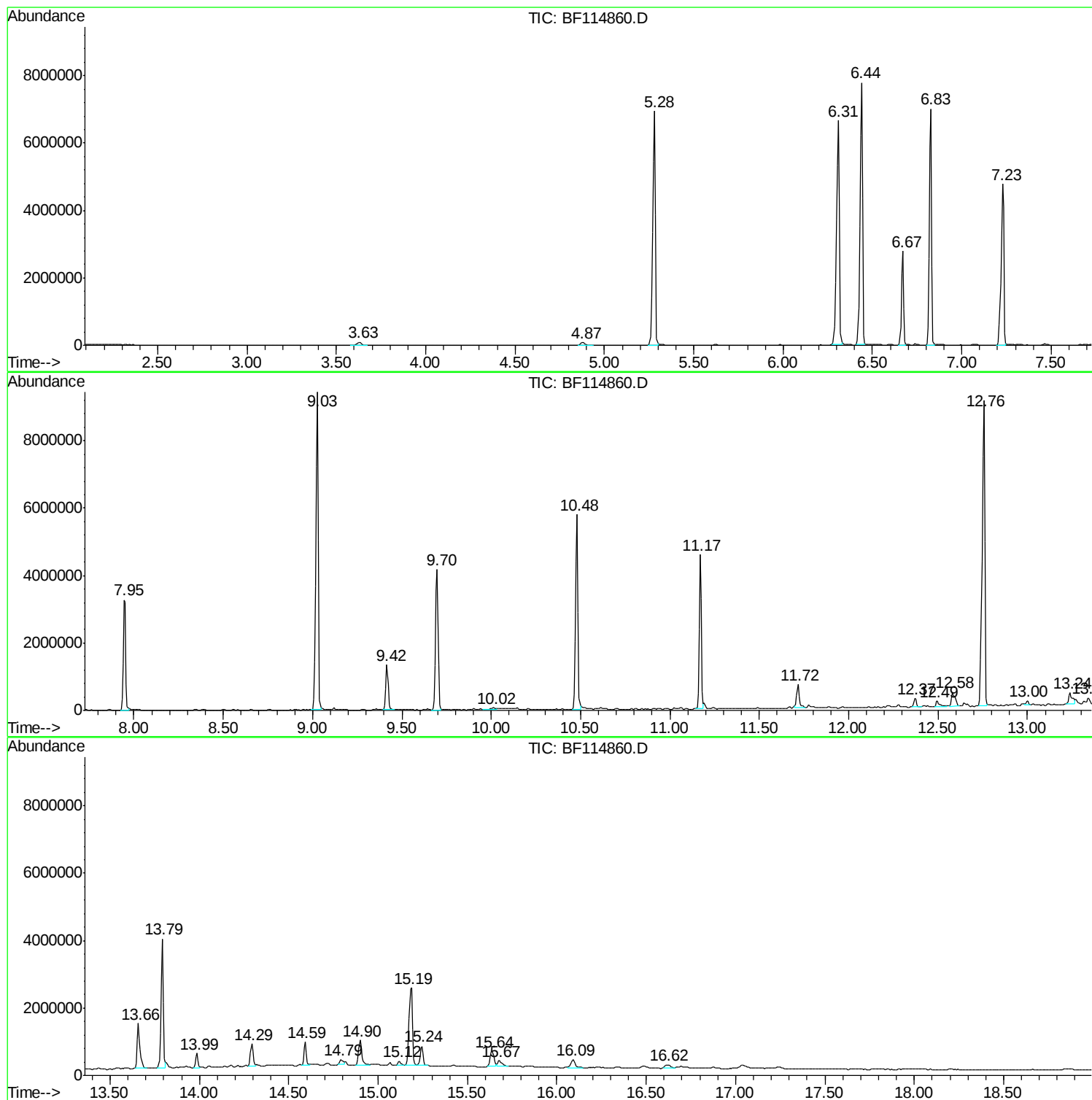
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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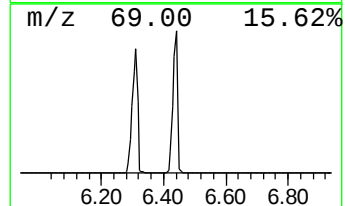
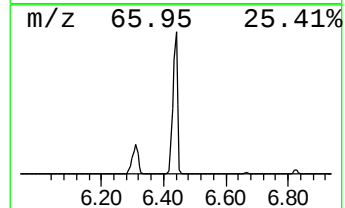
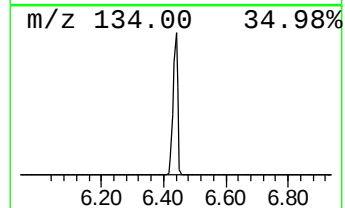
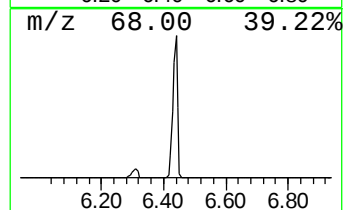
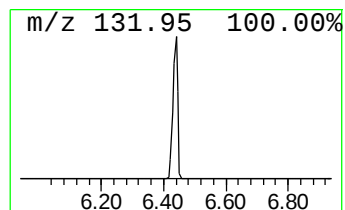
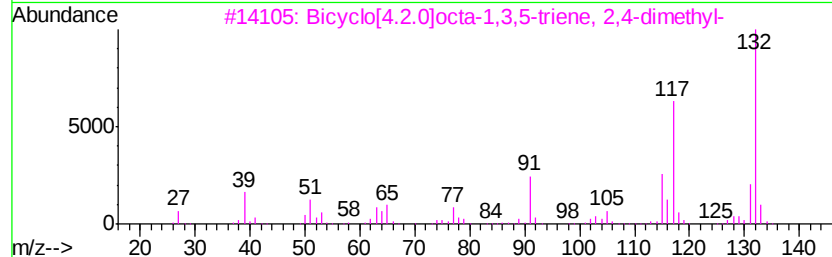
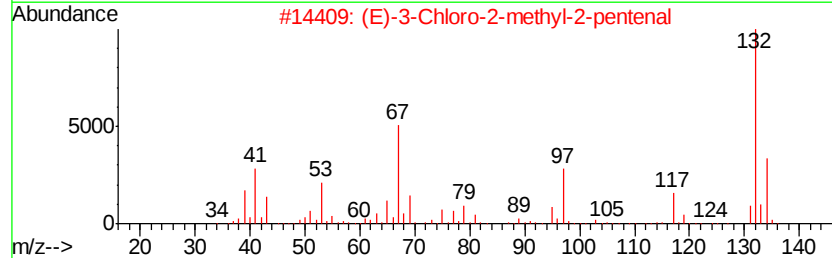
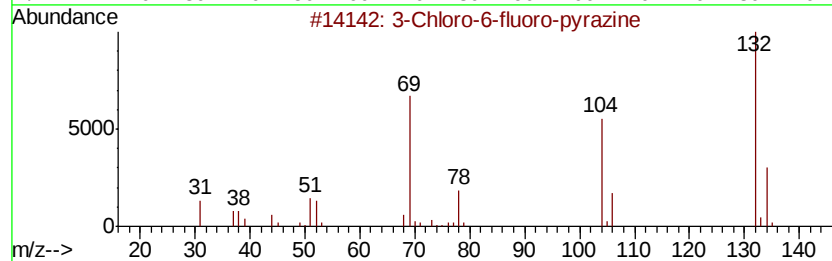
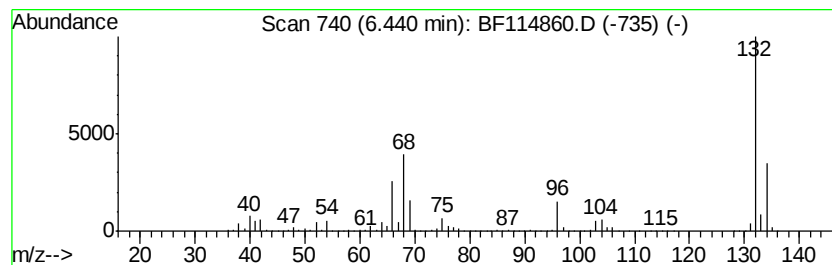
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	70.28 ng	8250530	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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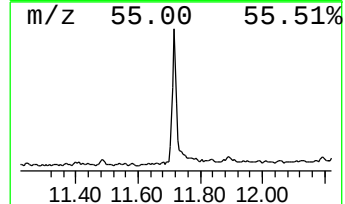
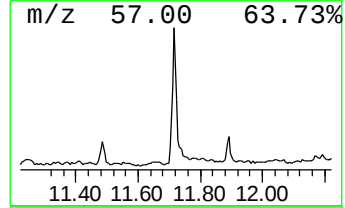
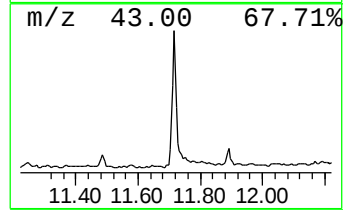
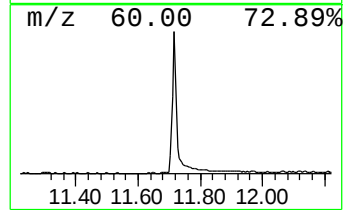
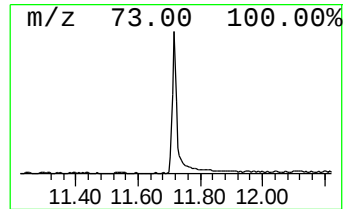
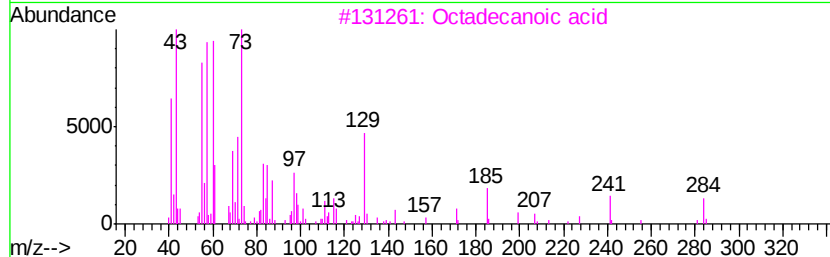
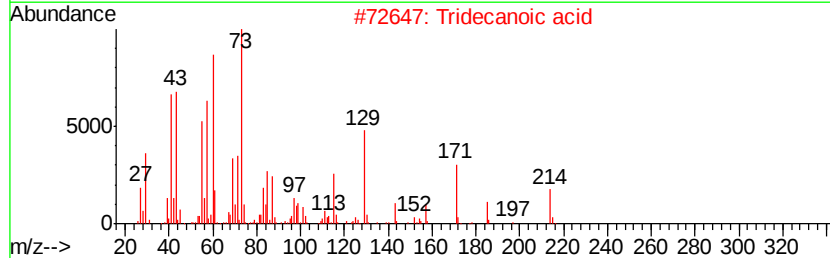
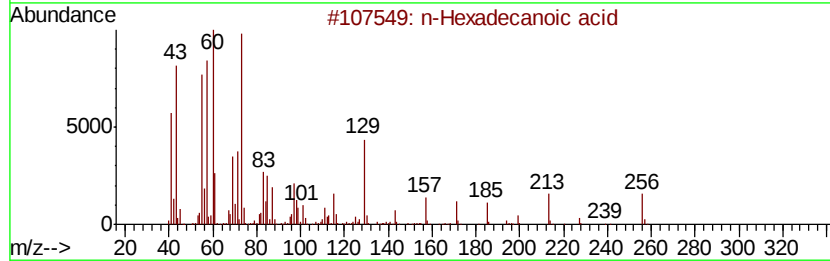
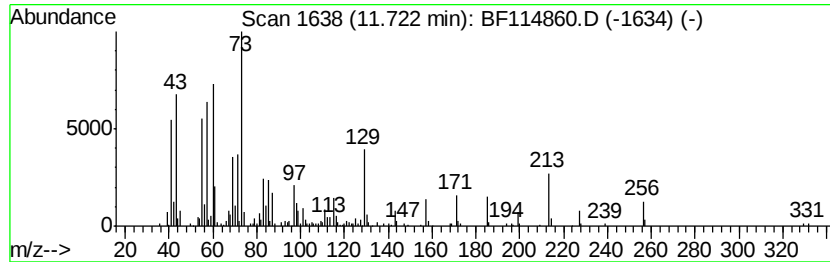
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.72	2.96 ng	592807	Phenanthrene-d10	11.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	91



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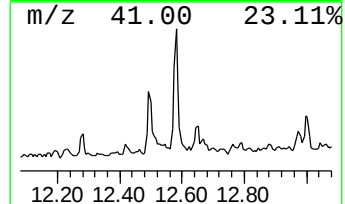
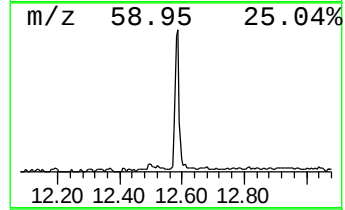
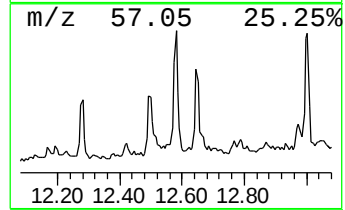
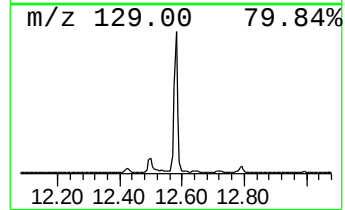
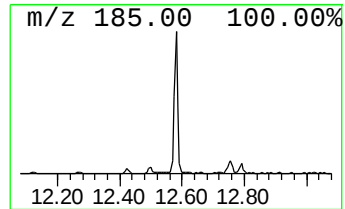
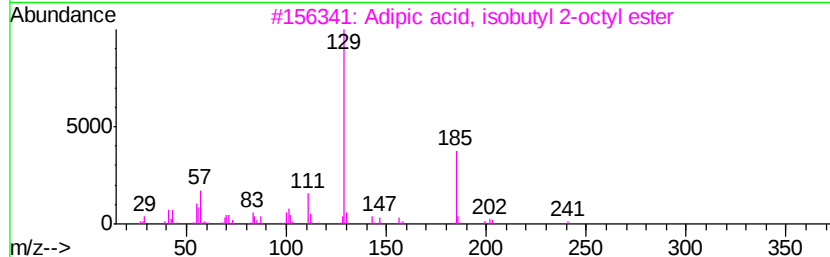
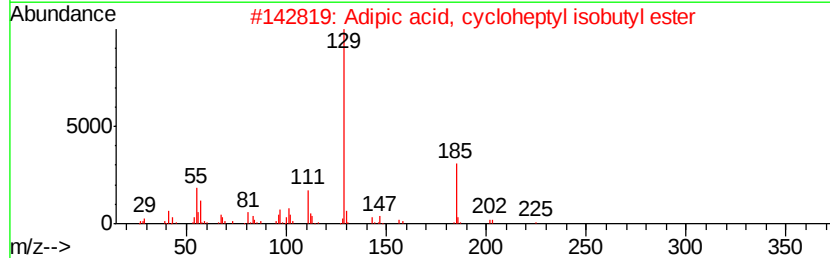
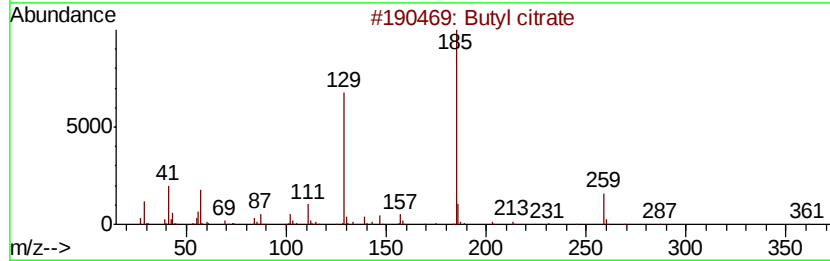
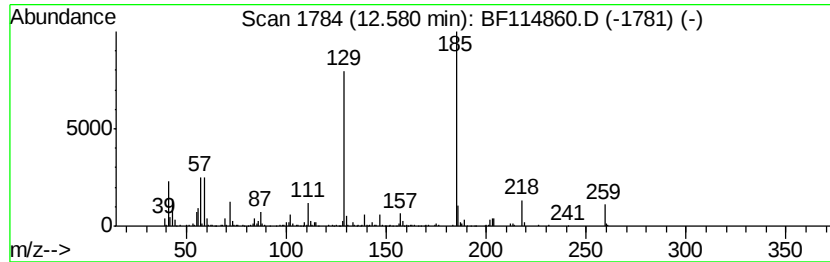
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Butyl citrate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	3.18 ng	571744	Chrysene-d12	13.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Butyl citrate	360 C18H32O7	000077-94-1	81
2	Adipic acid, cycloheptyl isobuty...	298 C17H30O4	1000324-71-5	59
3	Adipic acid, isobutyl 2-octyl ester	314 C18H34O4	1000324-44-5	59
4	Hexanedioic acid, bis(1-methylpr...	258 C14H26O4	038447-22-2	35
5	Adipic acid, 2-decyl isobutyl ester	342 C20H38O4	1000353-59-6	35



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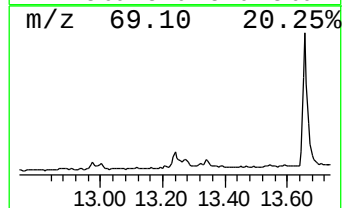
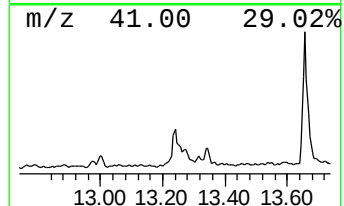
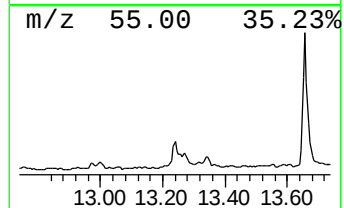
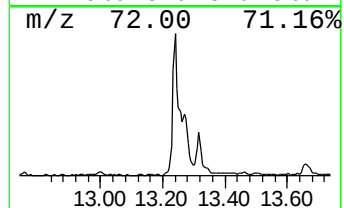
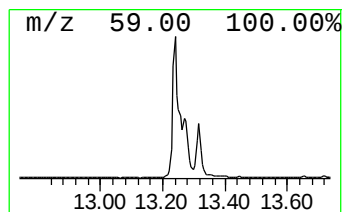
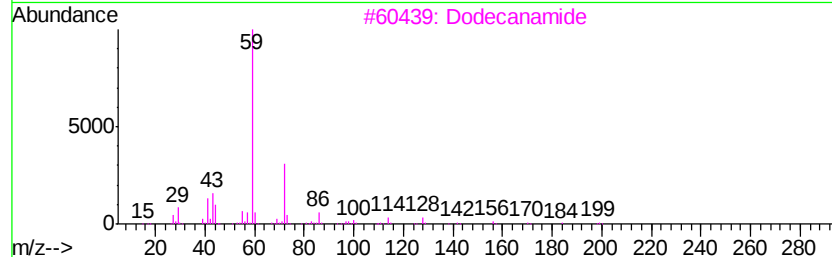
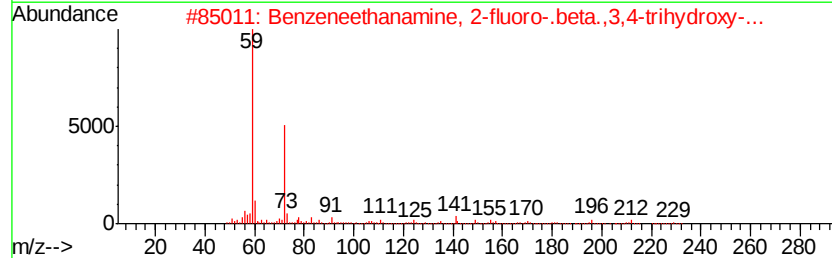
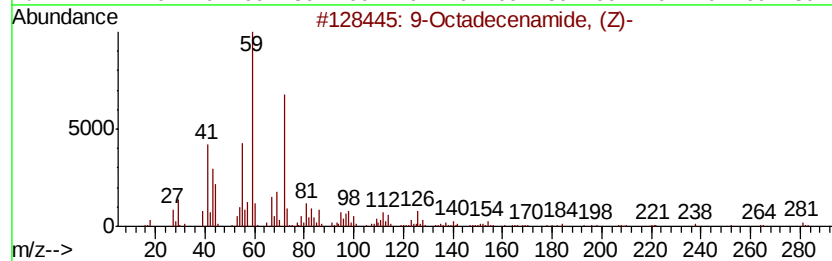
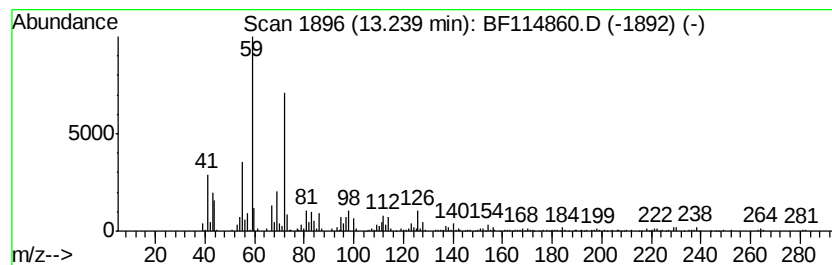
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.24	2.56 ng	460310	Chrysene-d12	13.79	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	59
3	Dodecanamide	199	C12H25NO	001120-16-7	58
4	Octanamide	143	C8H17NO	000629-01-6	53
5	Nonanamide	157	C9H19NO	001120-07-6	53



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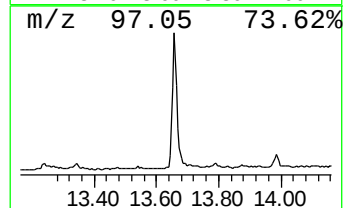
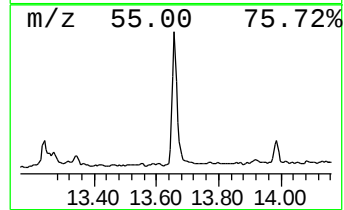
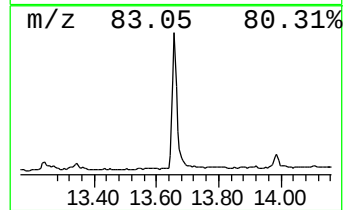
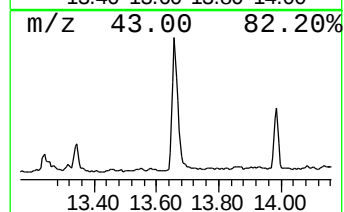
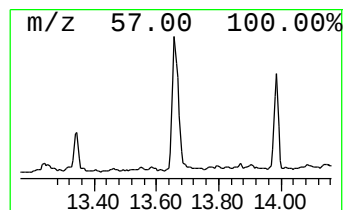
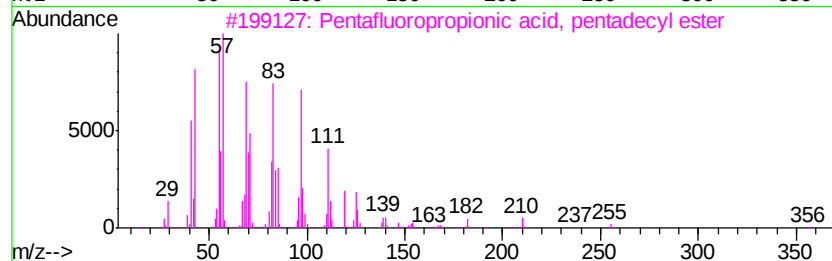
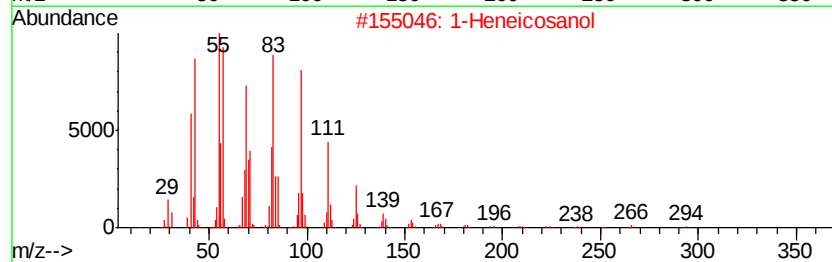
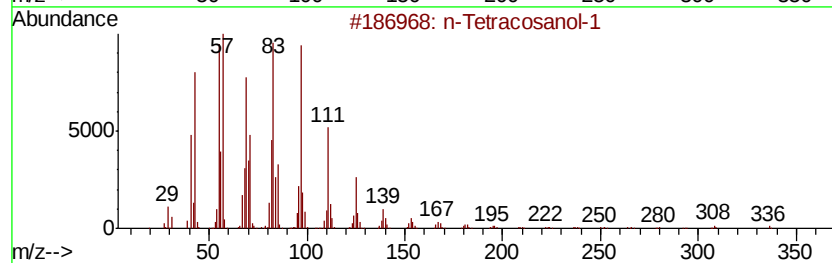
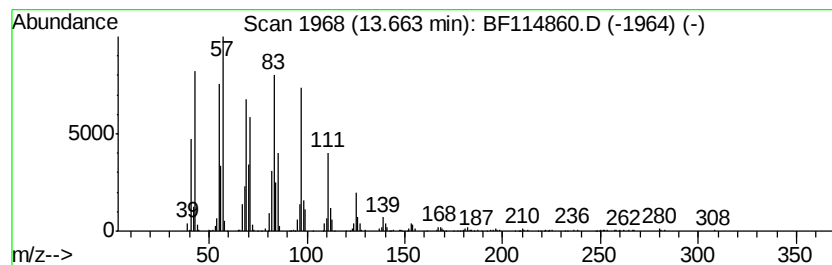
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 6 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	8.15 ng	1465450	Chrysene-d12	13.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2		1-Heneicosanol	312	C21H44O	015594-90-8	95
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4		Behenic alcohol	326	C22H46O	000661-19-8	94
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114860.D
Acq On : 6 Jun 2019 13:55
Operator : HP/JU
Sample : K3192-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLVR-AVEX-WC1B

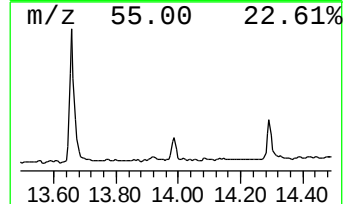
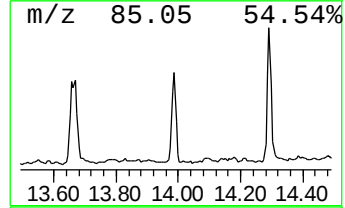
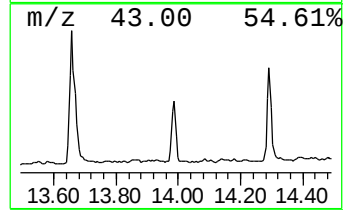
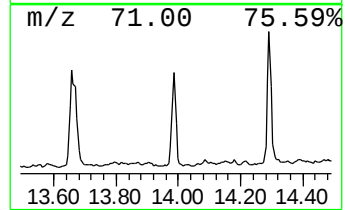
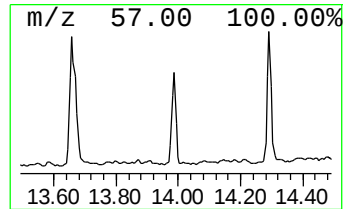
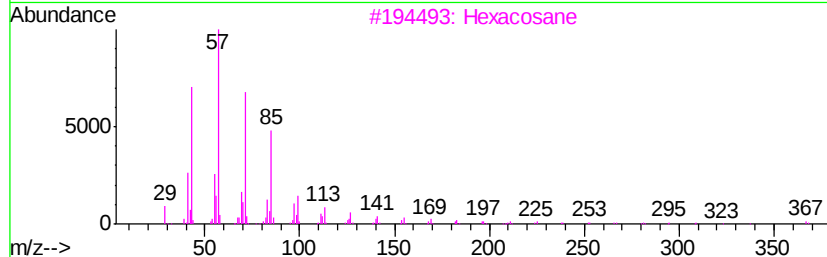
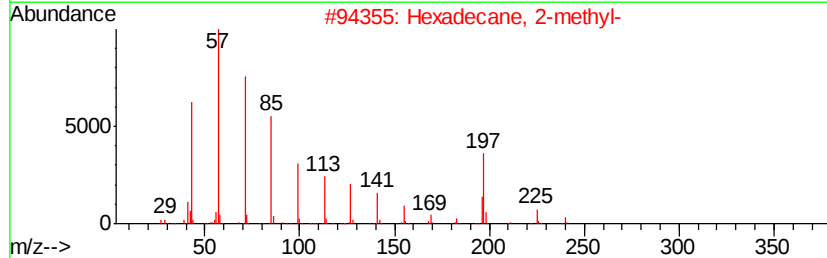
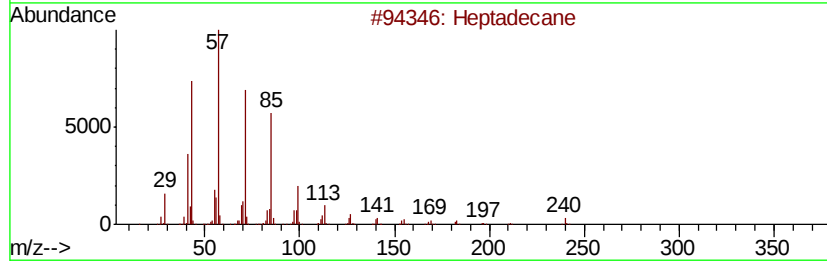
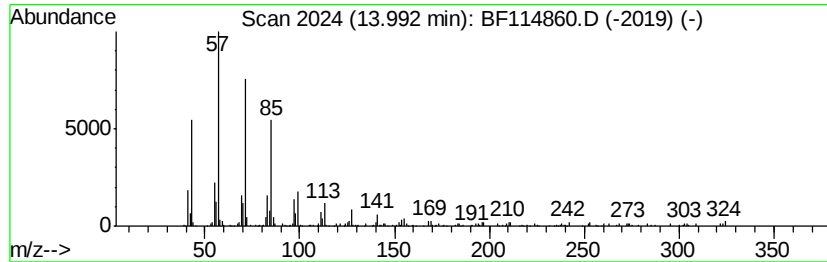
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	2.20 ng	396391	Chrysene-d12	13.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	94
2	Hexadecane, 2-methyl-		240	C17H36	001560-92-5	93
3	Hexacosane		366	C26H54	000630-01-3	91
4	Nonadecane		268	C19H40	000629-92-5	91
5	Heneicosane		296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
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 ClientSampleId :
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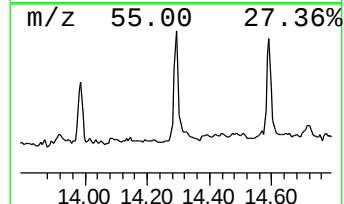
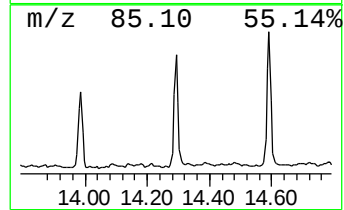
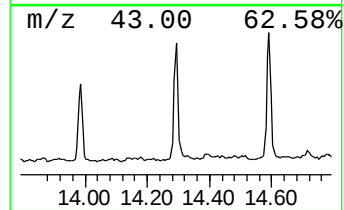
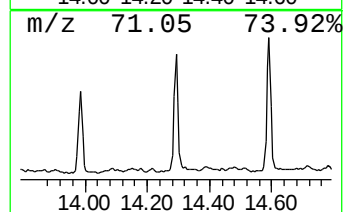
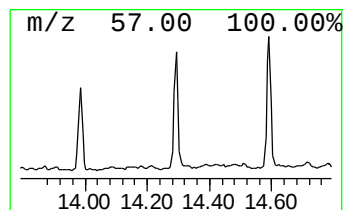
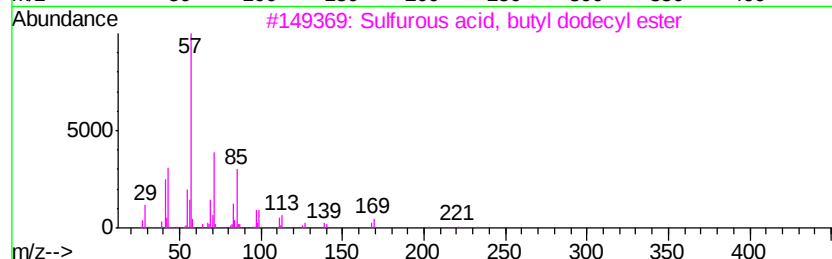
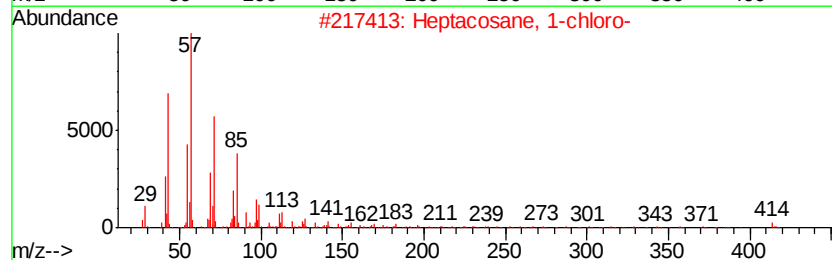
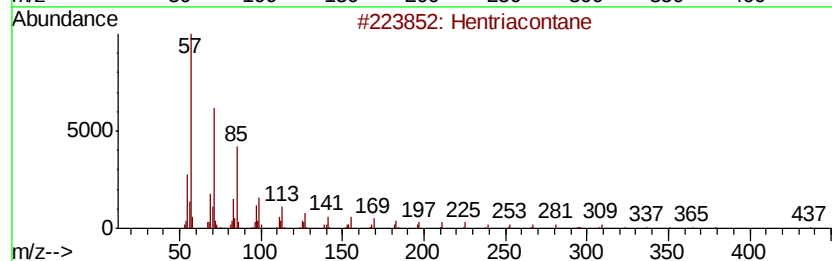
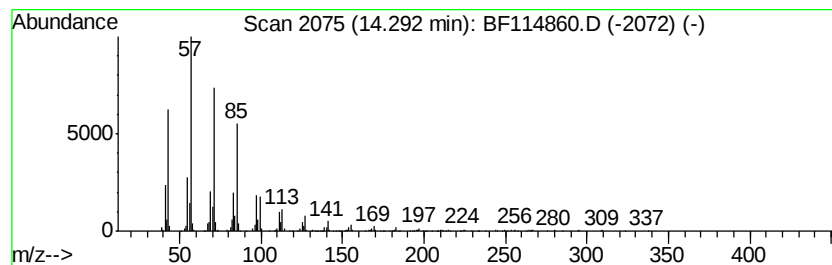
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Hentriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	3.38 ng	608818	Chrysene-d12	13.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	91
2	Heptacosane, 1-chloro-		414	C27H55Cl	062016-79-9	91
3	Sulfurous acid, butyl dodecyl ester		306	C16H34O3S	1000309-17-9	91
4	2-methyloctacosane		408	C29H60	1000376-72-8	91
5	Hexacosane		366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
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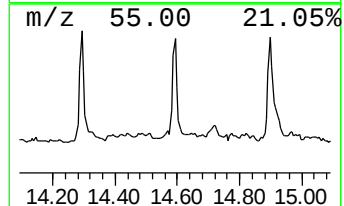
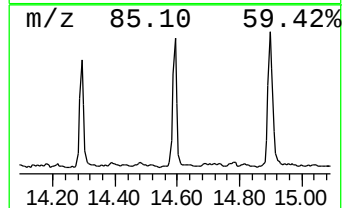
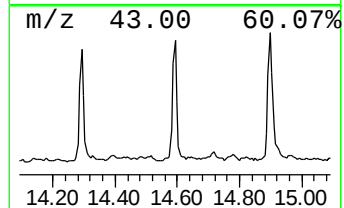
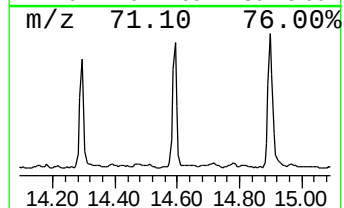
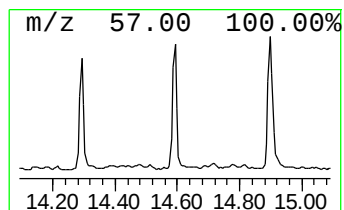
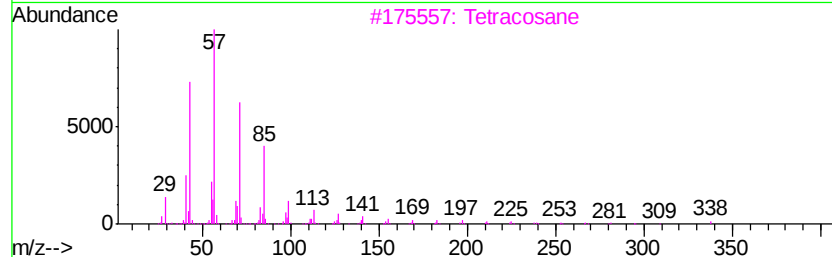
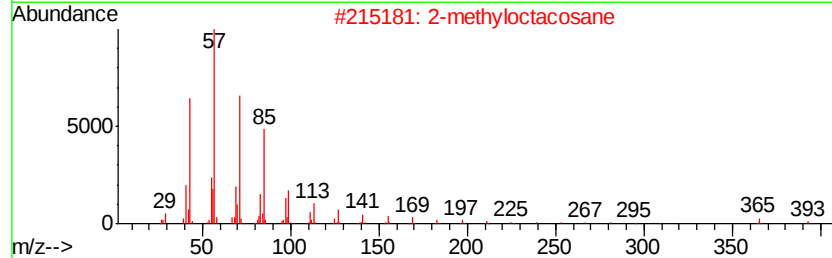
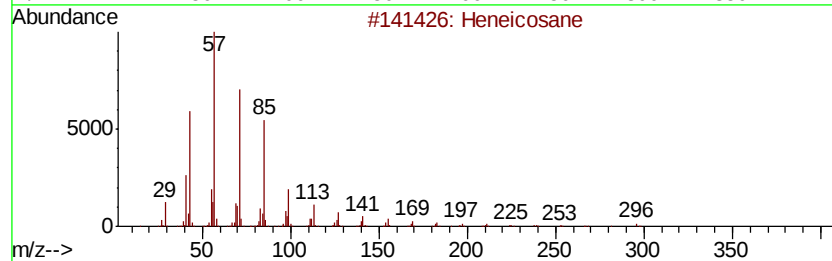
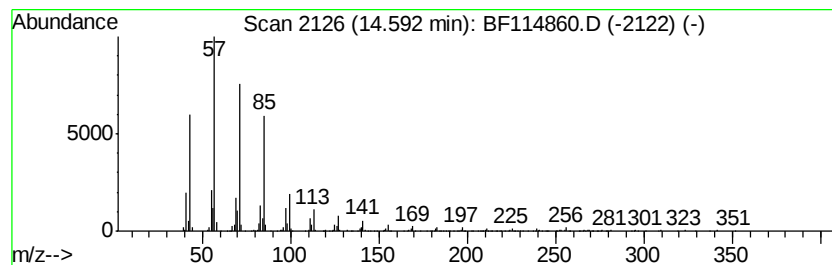
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	4.48 ng	645718	Perylene-d12	15.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	2-methyloctacosane		408	C29H60	1000376-72-8	91
3	Tetracosane		338	C24H50	000646-31-1	91
4	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	90
5	Tetratetracontane		619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114860.D
Acq On : 6 Jun 2019 13:55
Operator : HP/JU
Sample : K3192-01
Misc :
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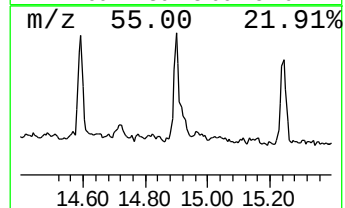
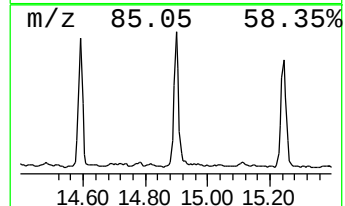
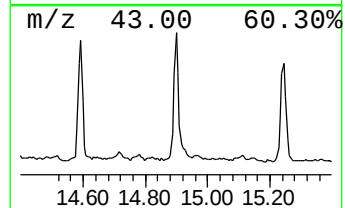
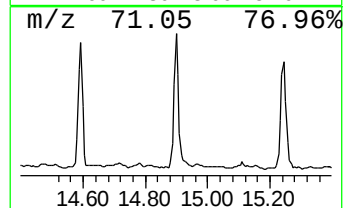
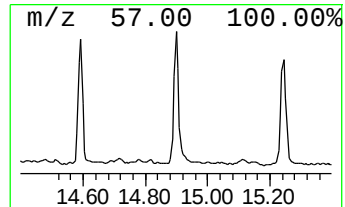
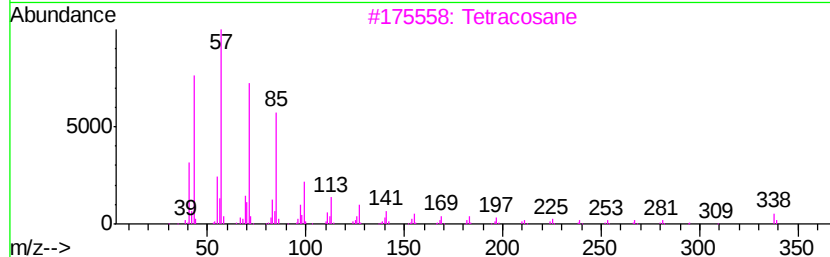
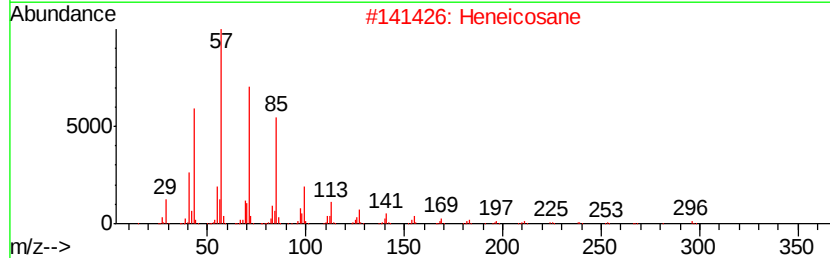
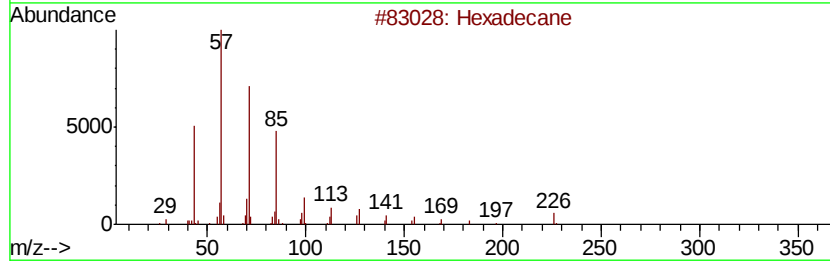
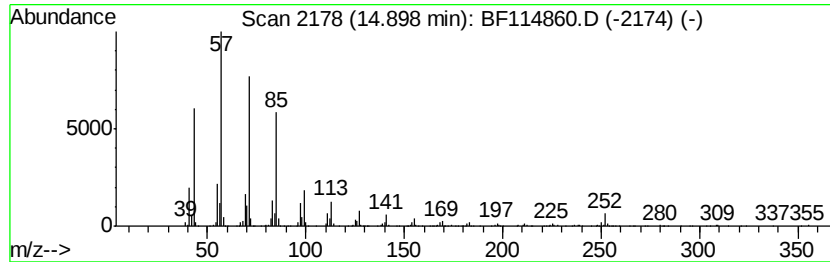
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ClientSampleId :
CLVR-AVEX-WC1B

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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 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.		
14.90	6.03 ng	868974	Perylene-d12		15.19		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Heneicosane	296	C21H44	000629-94-7	91
3			Tetracosane	338	C24H50	000646-31-1	91
4			Octacosane	394	C28H58	000630-02-4	91
5			Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
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ClientSampleId :
CLVR-AVEX-WC1B

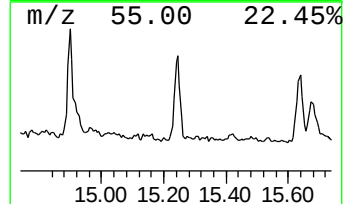
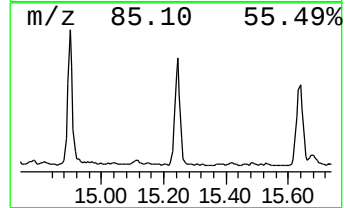
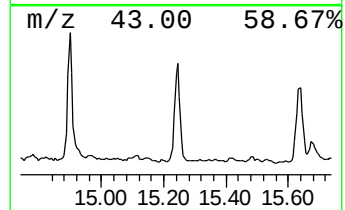
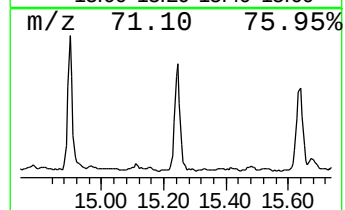
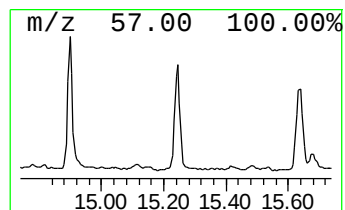
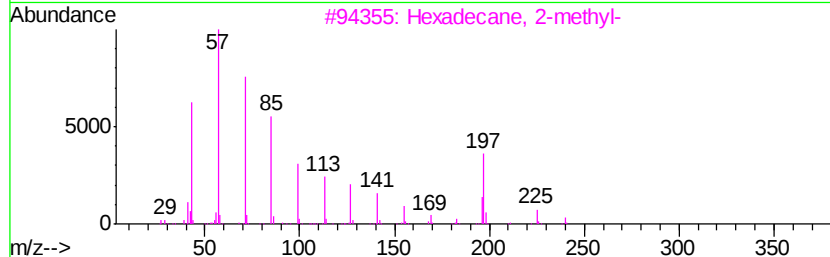
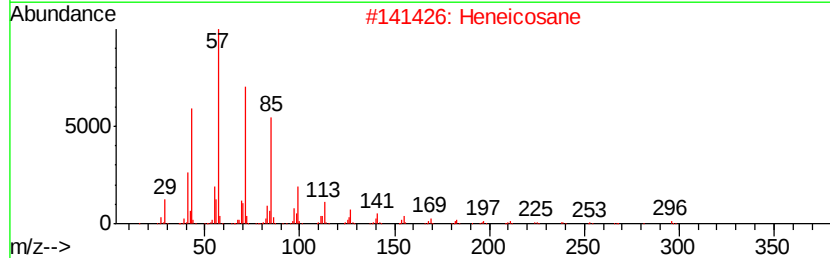
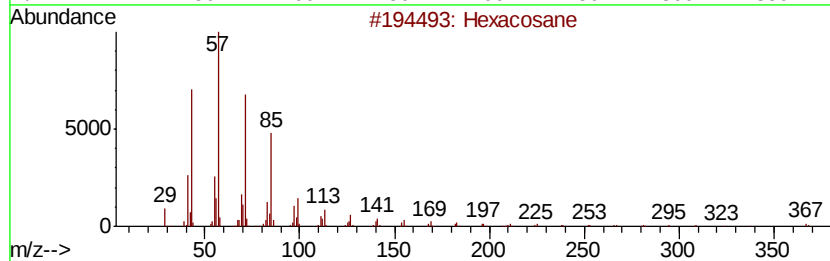
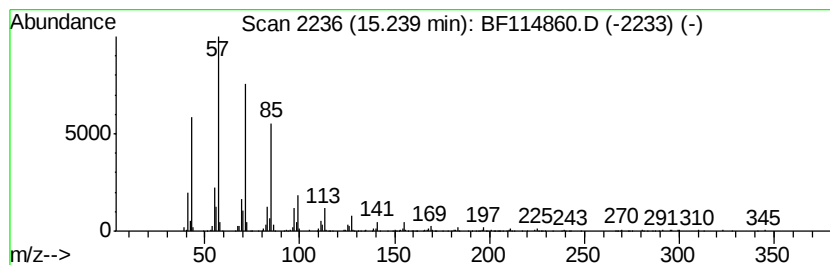
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	4.76 ng	685306	Perylene-d12	15.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060619\
 Data File : BF114860.D
 Acq On : 6 Jun 2019 13:55
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 Sample : K3192-01
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 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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
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n-Hexadecanoic acid	11.72	3.0	ng	592807	4	11.17	4007170	20.0
Butyl citrate	12.58	3.2	ng	571744	5	13.79	3597200	20.0
9-Octadecenamide,...	13.24	2.6	ng	460310	5	13.79	3597200	20.0
n-Tetracosanol-1	13.66	8.2	ng	1465450	5	13.79	3597200	20.0
Heptadecane	13.99	2.2	ng	396391	5	13.79	3597200	20.0
Hentriacontane	14.29	3.4	ng	608818	5	13.79	3597200	20.0
Heneicosane	14.59	4.5	ng	645718	6	15.19	2882400	20.0
Hexadecane	14.90	6.0	ng	868974	6	15.19	2882400	20.0
Hexacosane	15.24	4.8	ng	685306	6	15.19	2882400	20.0