

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072519\
 Data File : BF115769.D
 Acq On : 25 Jul 2019 20:27
 Operator : HP/JU
 Sample : K3990-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-A

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-BF071219.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	2.151	5	11	29	rVB	549866	724740	21.26%	2.452%
2	5.087	507	510	520	rVB	30254	39256	1.15%	0.133%
3	5.492	575	579	599	rBV	2054758	2036153	59.72%	6.889%
4	6.498	745	750	770	rBV	2242944	2205018	64.68%	7.461%
5	6.639	770	774	777	rBV	2561392	2226400	65.30%	7.533%
6	6.869	809	813	817	rBV	967979	772905	22.67%	2.615%
7	7.028	836	840	843	rBV	2128570	1827040	53.59%	6.182%
8	7.428	903	908	920	rBV	1443958	1417872	41.59%	4.797%
9	8.151	1027	1031	1052	rBV	1005487	1004601	29.47%	3.399%
10	9.222	1209	1213	1229	rBV	2795072	2845289	83.46%	9.627%
11	9.339	1230	1233	1248	rVB	99239	117078	3.43%	0.396%
12	9.616	1276	1280	1293	rBV	546185	509981	14.96%	1.725%
13	9.904	1325	1329	1352	rVB	1367059	1244158	36.49%	4.210%
14	10.692	1459	1463	1480	rBV	1731109	1814899	53.23%	6.141%
15	11.386	1578	1581	1589	rBV	1332010	1346188	39.49%	4.555%
16	11.639	1618	1624	1647	rBV3	105624	490170	14.38%	1.658%
17	11.916	1667	1671	1682	rBV2	163870	213182	6.25%	0.721%
18	12.474	1758	1766	1782	rBV2	90446	285475	8.37%	0.966%
19	12.627	1790	1792	1796	rVB	41297	41071	1.20%	0.139%
20	12.698	1801	1804	1811	rBV2	51525	80501	2.36%	0.272%
21	12.845	1822	1829	1832	rBV2	45735	59412	1.74%	0.201%
22	12.974	1846	1851	1854	rBV	3638758	3409309	100.00%	11.535%
23	13.204	1886	1890	1892	rBV	54530	47602	1.40%	0.161%
24	13.545	1943	1948	1951	rBV2	38190	36137	1.06%	0.122%
25	13.868	2000	2003	2005	rBV	47531	50058	1.47%	0.169%
26	13.909	2005	2010	2024	rVV3	109084	423832	12.43%	1.434%
27	14.027	2026	2030	2041	rVB	1301137	1303981	38.25%	4.412%
28	14.186	2053	2057	2065	rBV	115244	97829	2.87%	0.331%
29	14.492	2105	2109	2113	rBV	194702	177390	5.20%	0.600%
30	14.580	2115	2124	2132	rBV10	14578	54911	1.61%	0.186%
31	14.798	2154	2161	2165	rBV	286416	294325	8.63%	0.996%
32	15.133	2214	2218	2224	rBV	314250	335630	9.84%	1.136%
33	15.498	2274	2280	2294	rBV2	820737	1454531	42.66%	4.921%
34	15.951	2352	2357	2367	rVB	202543	301887	8.85%	1.021%

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ClientSampleId :
TP-4-A

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	16.456	2437	2443	2450	rBV	106346	188060	5.52%	0.636%
36	17.045	2538	2543	2551	rVB2	37735	78781	2.31%	0.267%

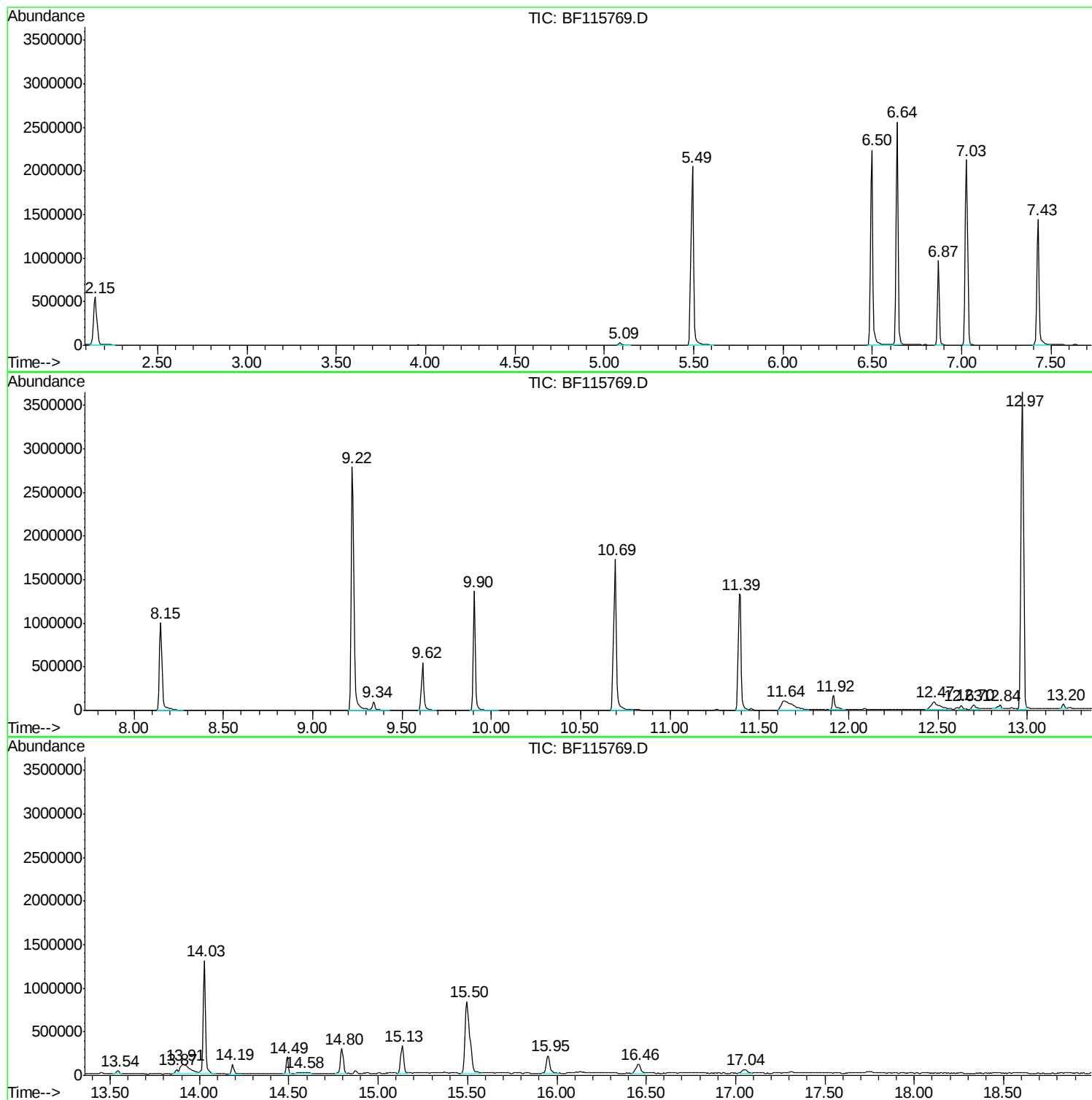
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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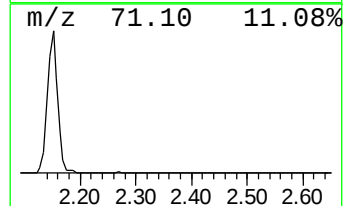
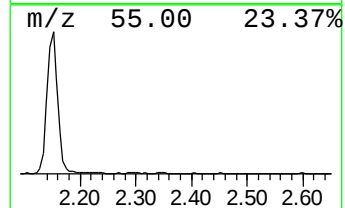
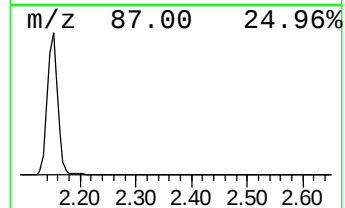
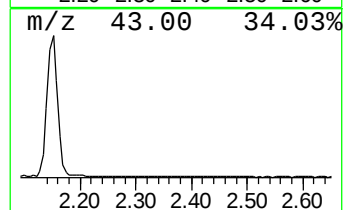
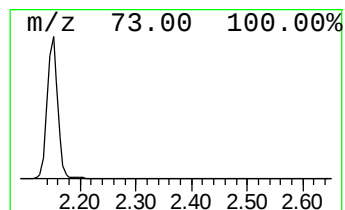
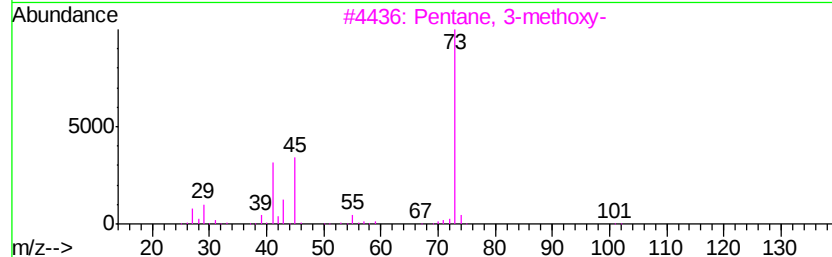
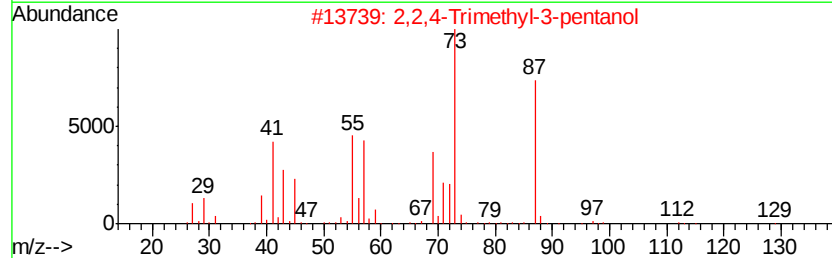
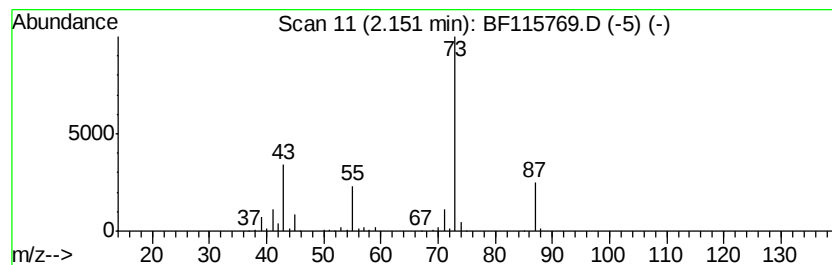
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	18.75 ng	724740	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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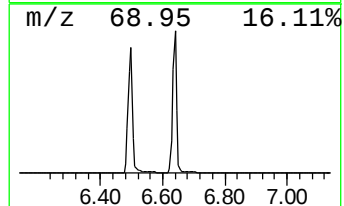
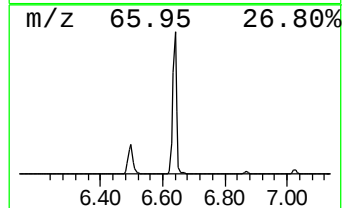
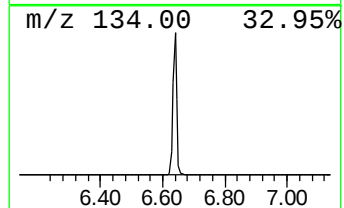
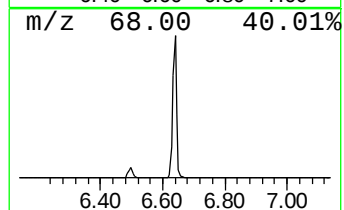
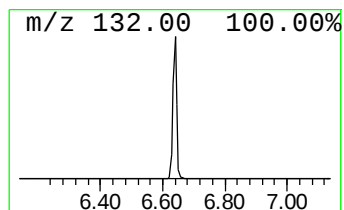
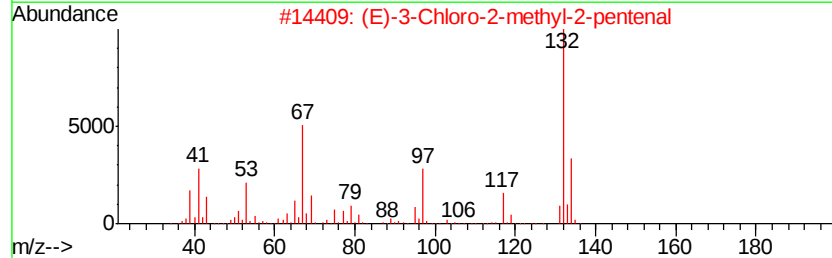
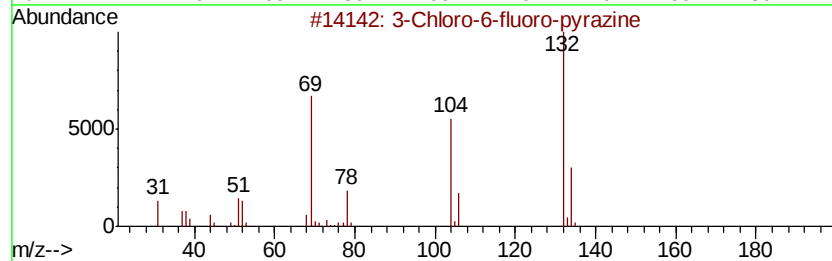
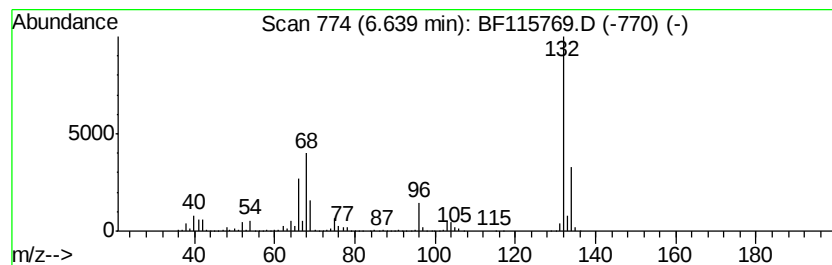
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	57.61 ng	2226400	1,4-Dichlorobenzene-d4	6.87

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		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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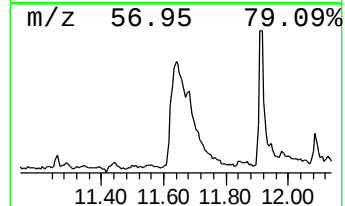
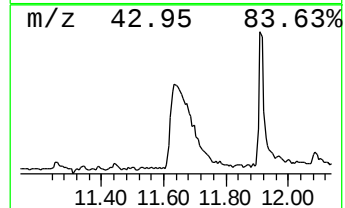
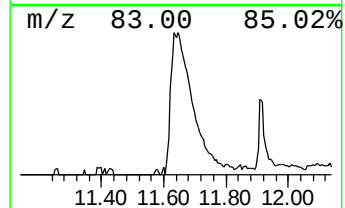
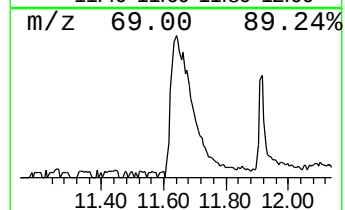
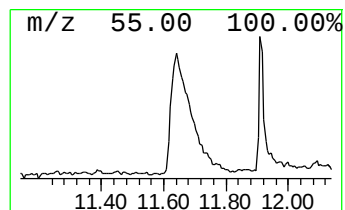
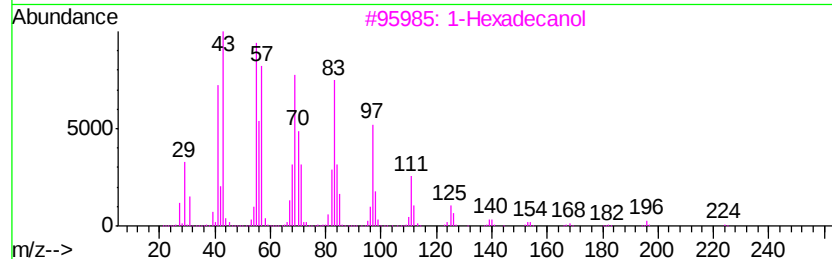
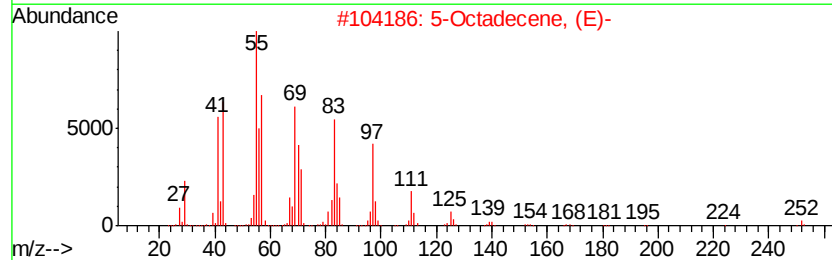
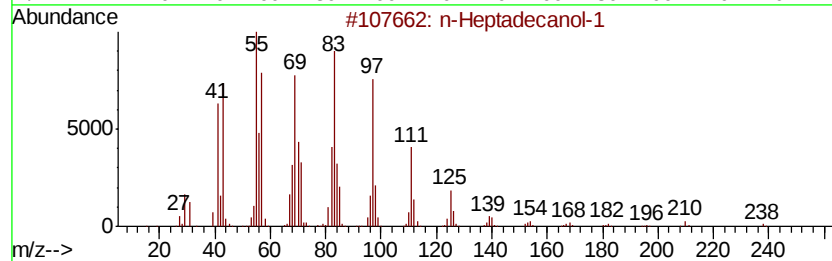
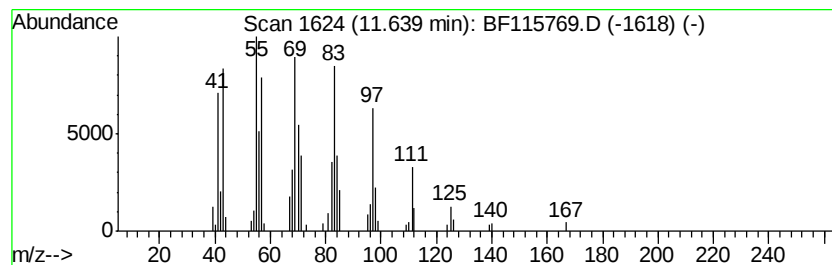
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Heptadecanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	7.28 ng	490170	Phenanthrene-d10	11.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		n-Heptadecanol-1	256 C17H36O	001454-85-9 91
2		5-Octadecene, (E)-	252 C18H36	007206-21-5 91
3		1-Hexadecanol	242 C16H34O	036653-82-4 91
4		4-Heptafluorobutylvinyloxyhexadecane	438 C20H33F7O2	1000282-97-2 91
5		3-Chloropropionic acid, heptadec...	346 C20H39ClO2	1000283-05-1 91



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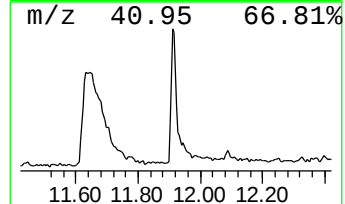
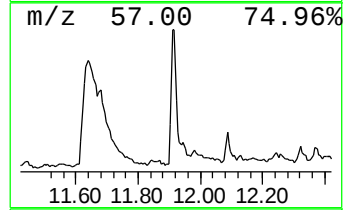
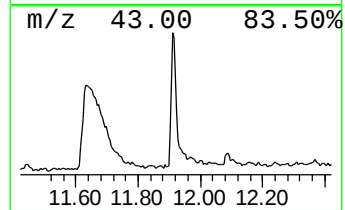
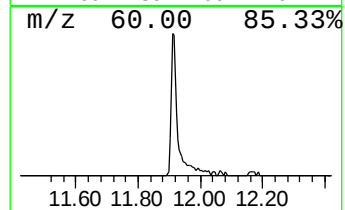
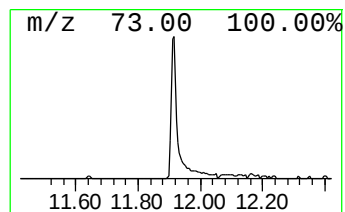
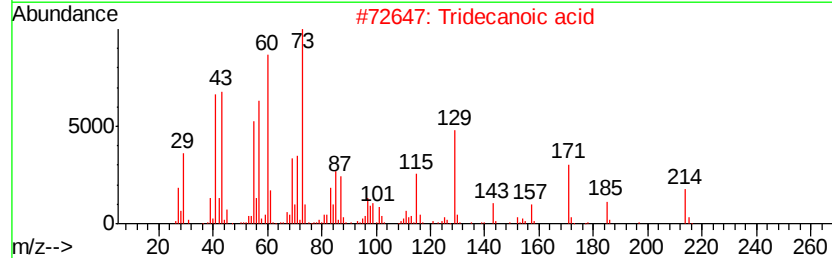
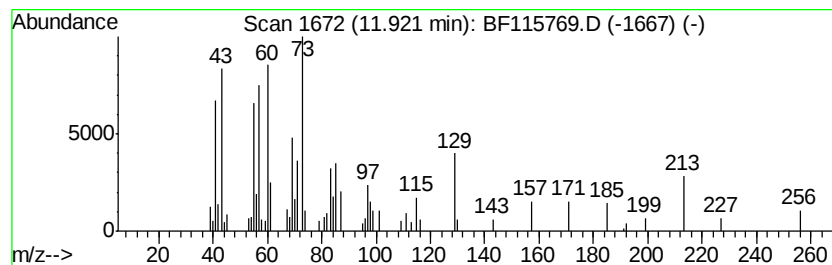
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.17 ng	213182	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		n-Decanoic acid	172	C10H20O2	000334-48-5	53
5		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	20



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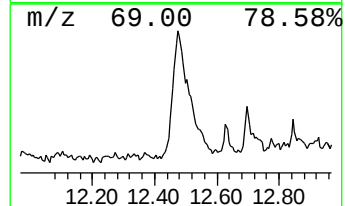
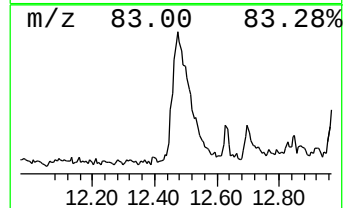
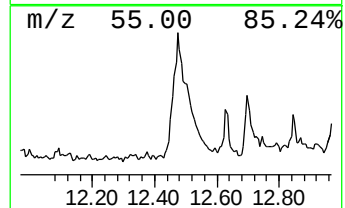
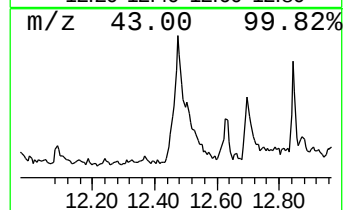
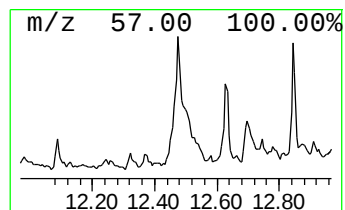
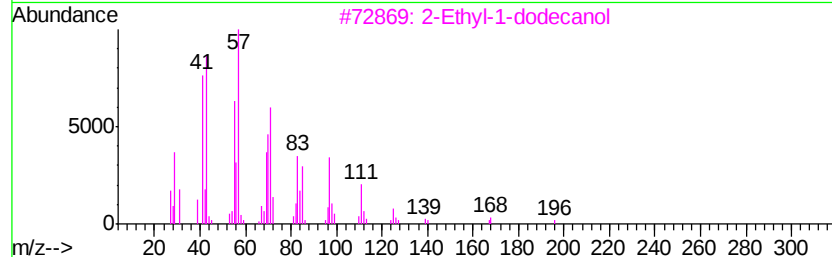
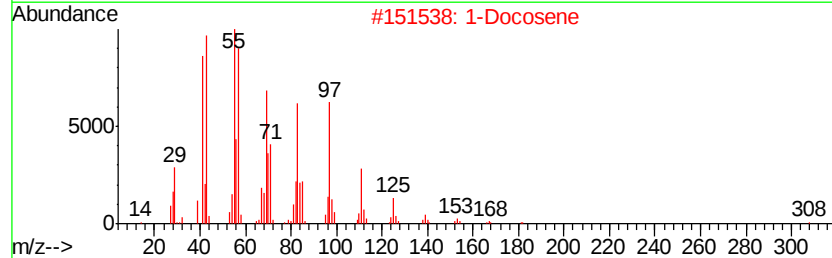
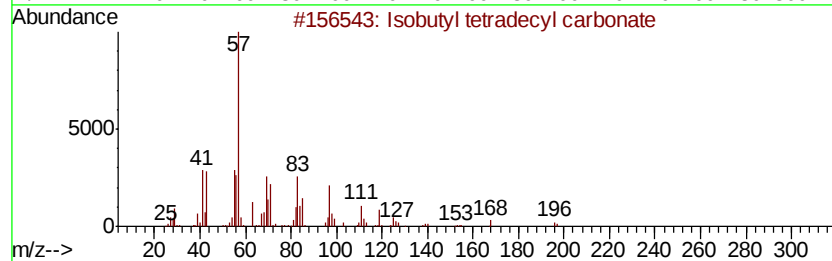
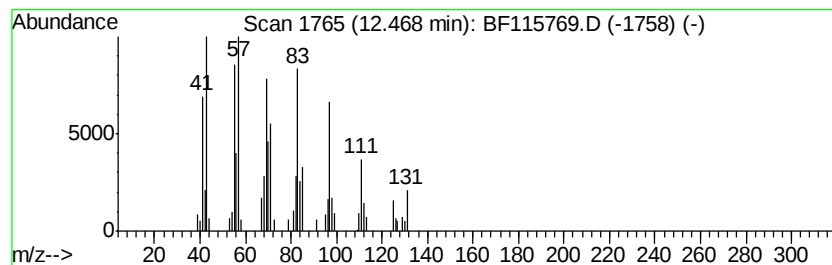
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Isobutyl tetradecyl carbonate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	4.24 ng	285475	Phenanthrene-d10	11.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	87
2		1-Docosene	308	C22H44	001599-67-3	76
3		2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	74
4		17-Pentatriacontene	491	C35H70	006971-40-0	74
5		1-Hexacosanol	382	C26H54O	000506-52-5	72



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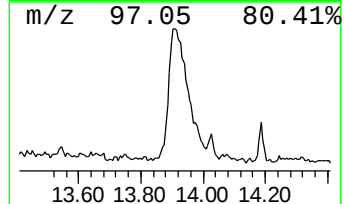
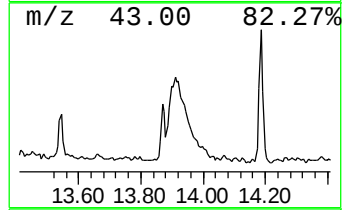
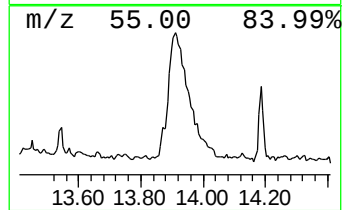
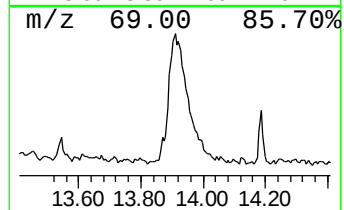
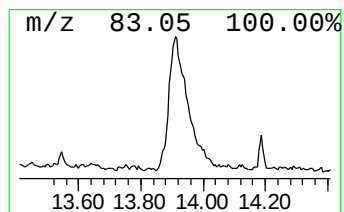
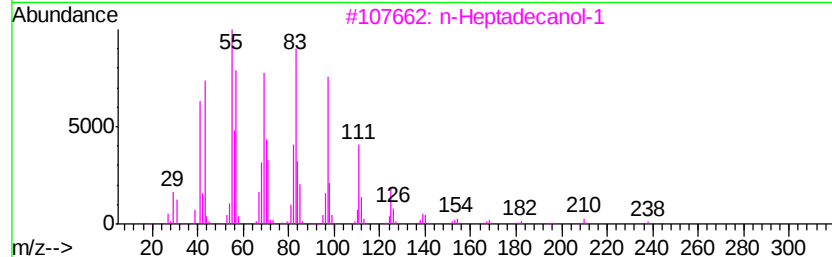
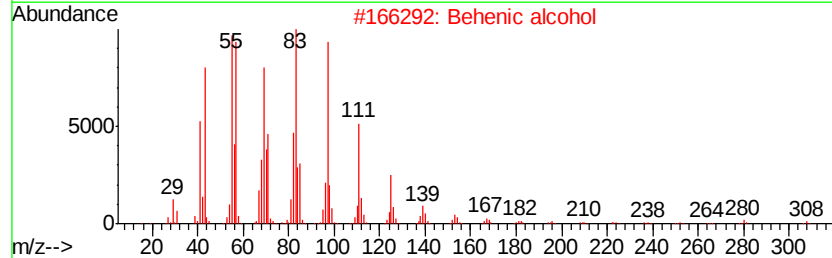
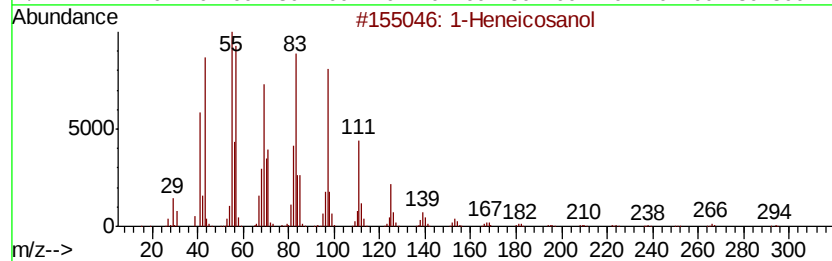
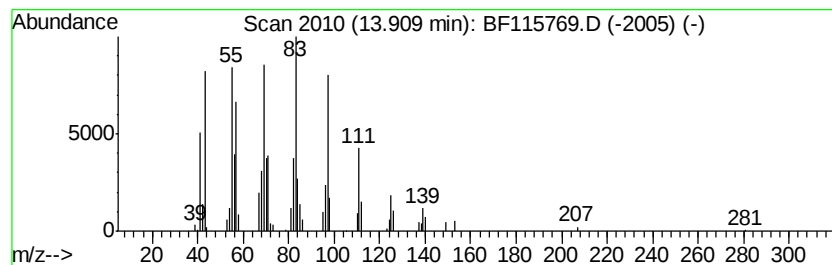
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	6.50 ng	423832	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	91
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	87
4	Cyclotetradecane	196	C14H28	000295-17-0	87
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115769.D
Acq On : 25 Jul 2019 20:27
Operator : HP/JU
Sample : K3990-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

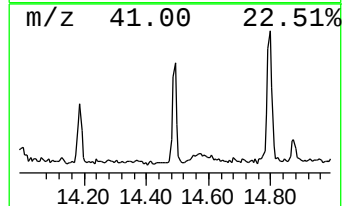
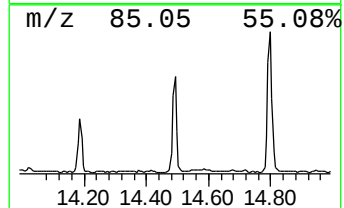
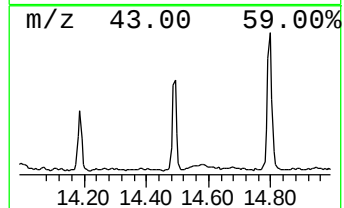
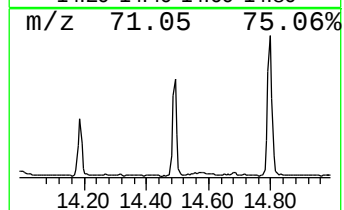
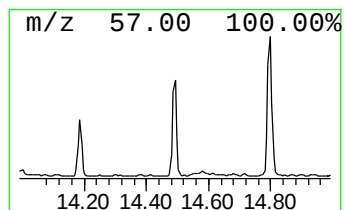
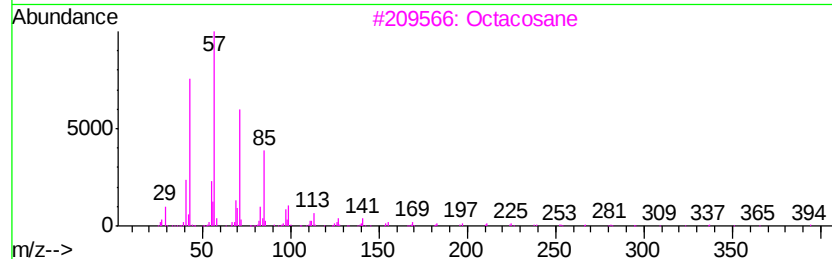
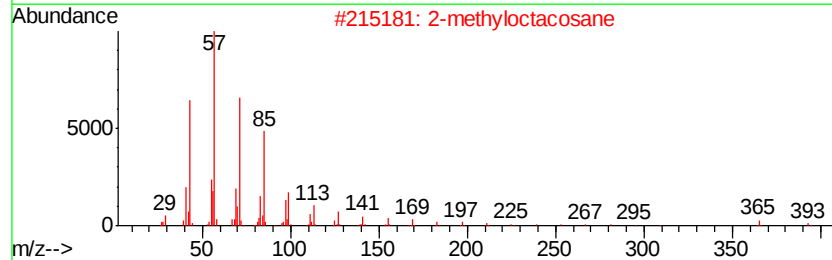
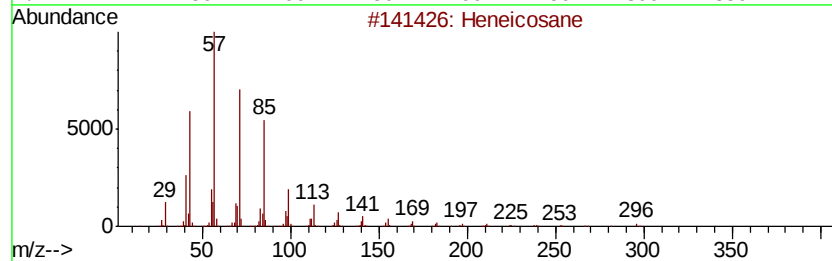
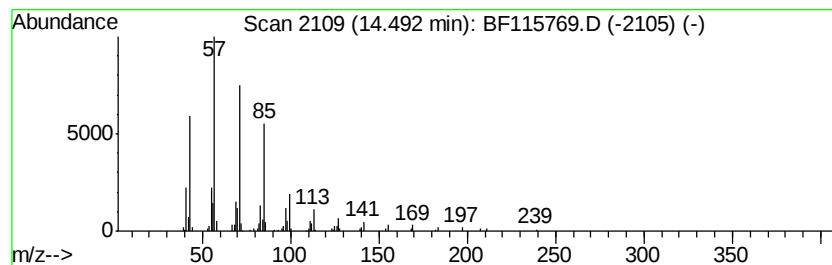
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ClientSampleId :
TP-4-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
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 11

R.T.	EstConc	Area	Relative to ISTD		R.T.		
14.49	2.72 ng	177390	Chrysene-d12		14.03		
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			Octacosane	394	C28H58	000630-02-4	90
4			Hexacosane	366	C26H54	000630-01-3	90
5			Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115769.D
Acq On : 25 Jul 2019 20:27
Operator : HP/JU
Sample : K3990-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4-A

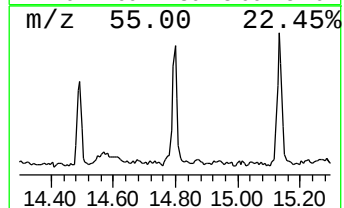
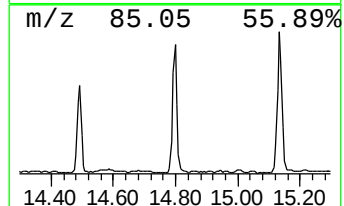
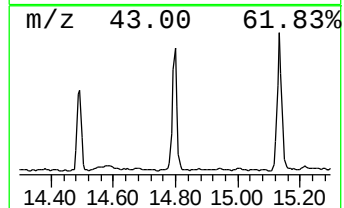
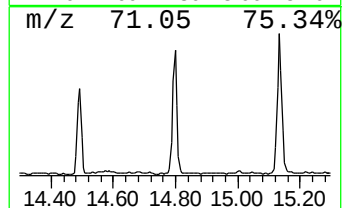
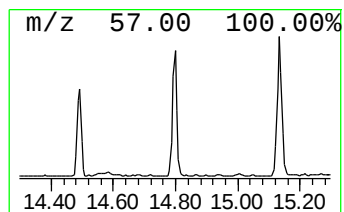
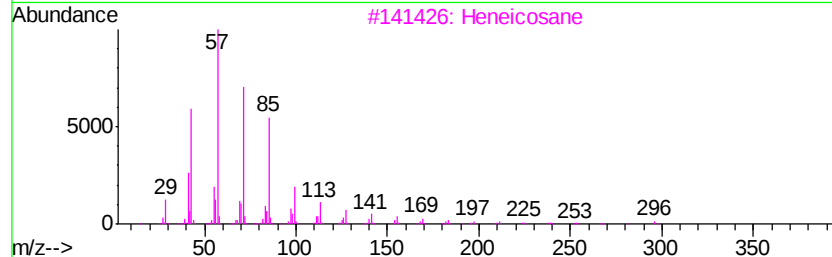
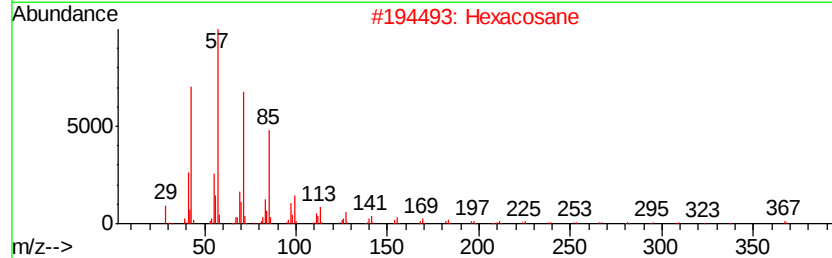
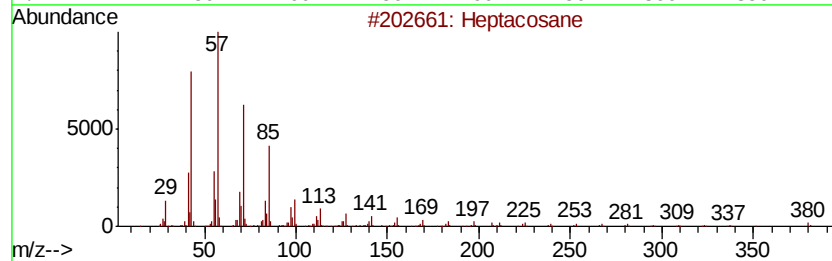
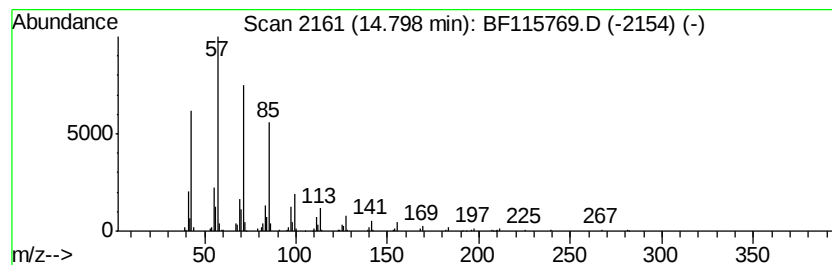
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	4.05 ng	294325	Perylene-d12	15.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
5	2-methyloctacosane		408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115769.D
Acq On : 25 Jul 2019 20:27
Operator : HP/JU
Sample : K3990-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4-A

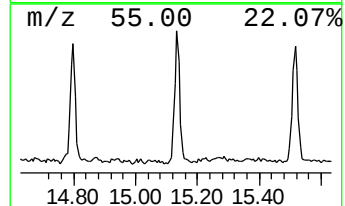
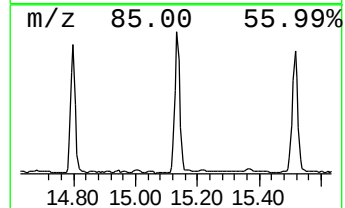
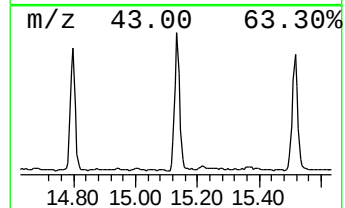
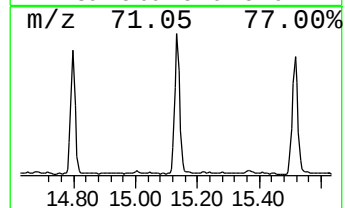
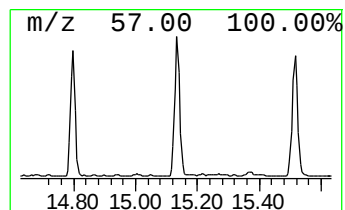
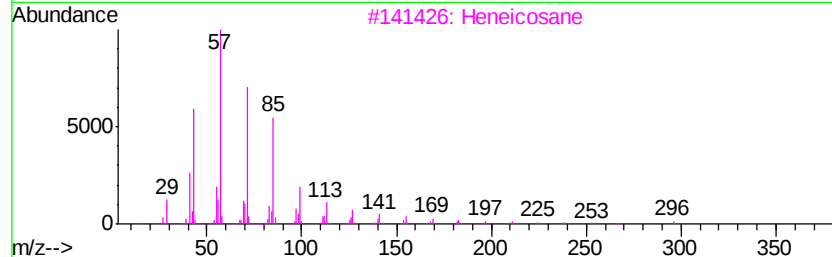
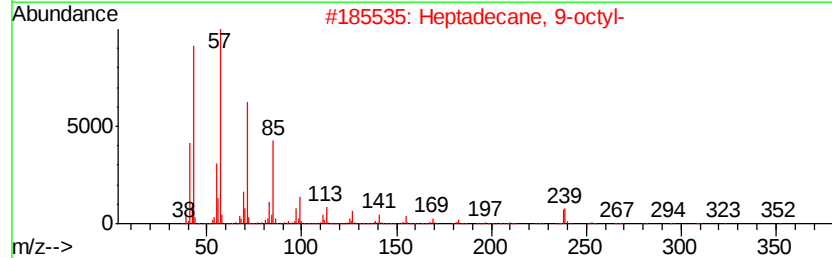
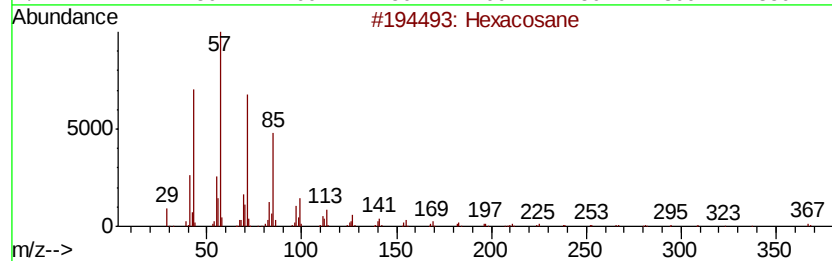
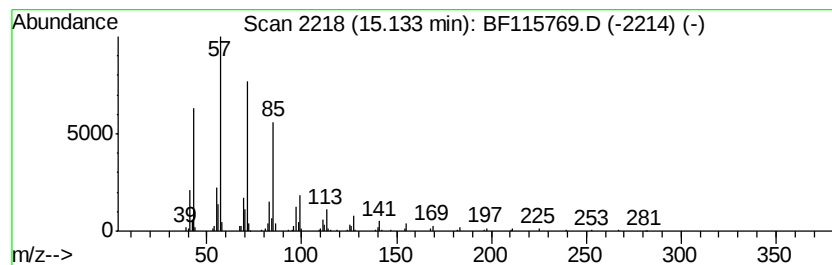
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	4.61 ng	335630	Perylene-d12	15.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Octacosane	394	C28H58	000630-02-4	91
5			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115769.D
Acq On : 25 Jul 2019 20:27
Operator : HP/JU
Sample : K3990-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4-A

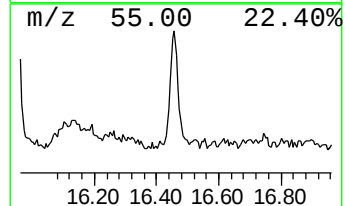
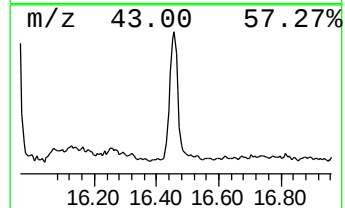
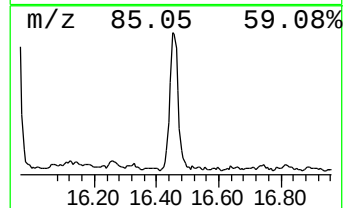
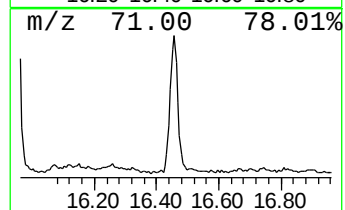
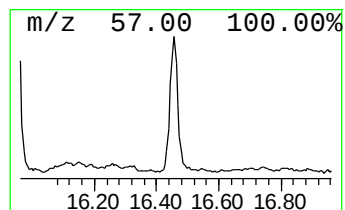
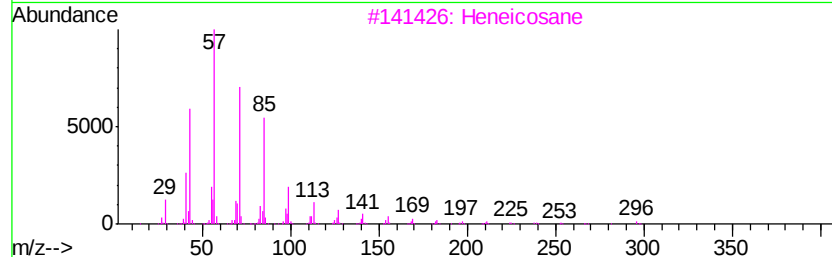
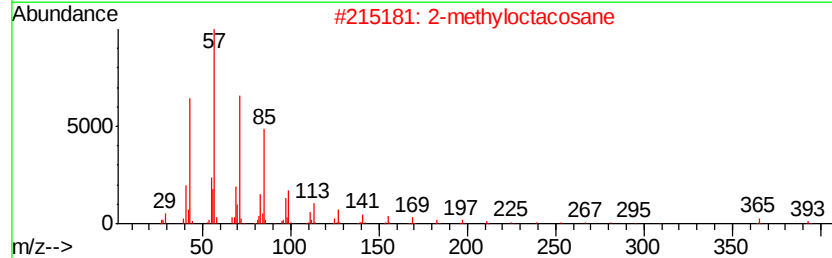
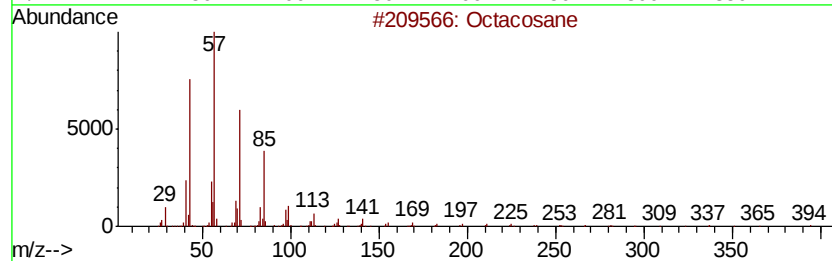
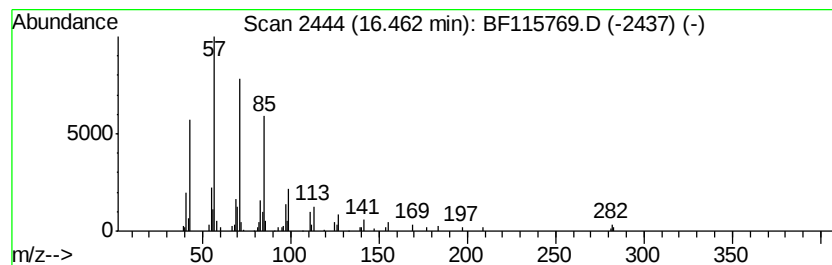
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	2.59 ng	188060	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Eicosane, 2-methyl-	296	C21H44	001560-84-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072519\
 Data File : BF115769.D
 Acq On : 25 Jul 2019 20:27
 Operator : HP/JU
 Sample : K3990-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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unknown6.64	6.64	57.6	ng	2226400	1	6.87	772905	20.0
n-Heptadecanol-1	11.64	7.3	ng	490170	4	11.39	1346190	20.0
n-Hexadecanoic acid	11.92	3.2	ng	213182	4	11.39	1346190	20.0
Isobutyl tetradec...	12.47	4.2	ng	285475	4	11.39	1346190	20.0
1-Heneicosanol	13.91	6.5	ng	423832	5	14.03	1303980	20.0
Heneicosane	14.49	2.7	ng	177390	5	14.03	1303980	20.0
Heptacosane	14.80	4.0	ng	294325	6	15.50	1454530	20.0
Hexacosane	15.13	4.6	ng	335630	6	15.50	1454530	20.0
Octacosane	16.46	2.6	ng	188060	6	15.50	1454530	20.0