

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072219\
 Data File : BF115711.D
 Acq On : 22 Jul 2019 16:06
 Operator : HP/JU
 Sample : K3617-03 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071919-B

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	2.134	3	8	15	rBV	334466	429479	22.46%	1.845%
2	5.492	575	579	599	rBV	1529808	1630875	85.29%	7.005%
3	6.504	747	751	766	rBV	1945939	1709888	89.42%	7.344%
4	6.645	771	775	779	rBV	2026633	1790121	93.62%	7.689%
5	6.881	811	815	818	rBV	1241279	1049438	54.88%	4.507%
6	7.033	837	841	845	rBV	1650078	1400011	73.21%	6.013%
7	7.433	905	909	915	rBV	1215093	1068319	55.87%	4.589%
8	8.163	1028	1033	1036	rBV	1416320	1268125	66.32%	5.447%
9	8.751	1131	1133	1137	rBV	24237	22160	1.16%	0.095%
10	9.233	1211	1215	1226	rBV	2310291	1912207	100.00%	8.213%
11	9.316	1226	1229	1234	rVB3	40341	42821	2.24%	0.184%
12	9.622	1279	1281	1286	rBV	209452	206158	10.78%	0.885%
13	9.845	1314	1319	1322	rBV	43970	41003	2.14%	0.176%
14	9.916	1327	1331	1340	rVV	1715685	1414114	73.95%	6.074%
15	10.110	1361	1364	1370	rVB7	13911	25155	1.32%	0.108%
16	10.345	1402	1404	1407	rVB	59568	42932	2.25%	0.184%
17	10.569	1436	1442	1445	rBV2	37287	43727	2.29%	0.188%
18	10.704	1459	1465	1477	rBV	979823	1047936	54.80%	4.501%
19	10.821	1482	1485	1486	rBV	64465	64866	3.39%	0.279%
20	11.268	1558	1561	1563	rBV	56215	49090	2.57%	0.211%
21	11.298	1563	1566	1572	rVB	59550	66683	3.49%	0.286%
22	11.404	1580	1584	1586	rBV	1248940	1199068	62.71%	5.150%
23	11.421	1586	1587	1591	rVB	77650	57368	3.00%	0.246%
24	11.692	1630	1633	1636	rBV	60415	45415	2.38%	0.195%
25	11.733	1638	1640	1646	rVB4	19036	27846	1.46%	0.120%
26	11.921	1669	1672	1676	rBV3	210198	213305	11.15%	0.916%
27	12.098	1700	1702	1705	rBV	60977	51775	2.71%	0.222%
28	12.327	1739	1741	1743	rBV3	27762	24859	1.30%	0.107%
29	12.380	1748	1750	1756	rVB6	30961	45707	2.39%	0.196%
30	12.451	1760	1762	1764	rBV2	32185	31904	1.67%	0.137%
31	12.486	1764	1768	1774	rVB4	75395	109036	5.70%	0.468%
32	12.615	1787	1790	1795	rBV	91100	102164	5.34%	0.439%
33	12.710	1802	1806	1814	rBV	431941	561350	29.36%	2.411%
34	12.845	1826	1829	1830	rBV	75163	72100	3.77%	0.310%

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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	12.980	1849	1852	1856	rBV	1527680	1415622	74.03%	6.080%
36	13.215	1890	1892	1895	rBV2	68575	53827	2.81%	0.231%
37	13.557	1948	1950	1953	rBV2	88307	76459	4.00%	0.328%
38	13.886	2004	2006	2009	rVB	114551	88192	4.61%	0.379%
39	14.039	2029	2032	2036	rBV	1146341	1141893	59.72%	4.905%
40	14.204	2057	2060	2067	rVB	188592	182241	9.53%	0.783%
41	14.509	2109	2112	2115	rBV	203718	189821	9.93%	0.815%
42	14.815	2162	2164	2168	rVB	253346	223038	11.66%	0.958%
43	15.156	2219	2222	2230	rVB	327777	409991	21.44%	1.761%
44	15.521	2280	2284	2287	rBV	888269	1199628	62.74%	5.153%
45	15.986	2359	2363	2368	rVB	322582	434629	22.73%	1.867%

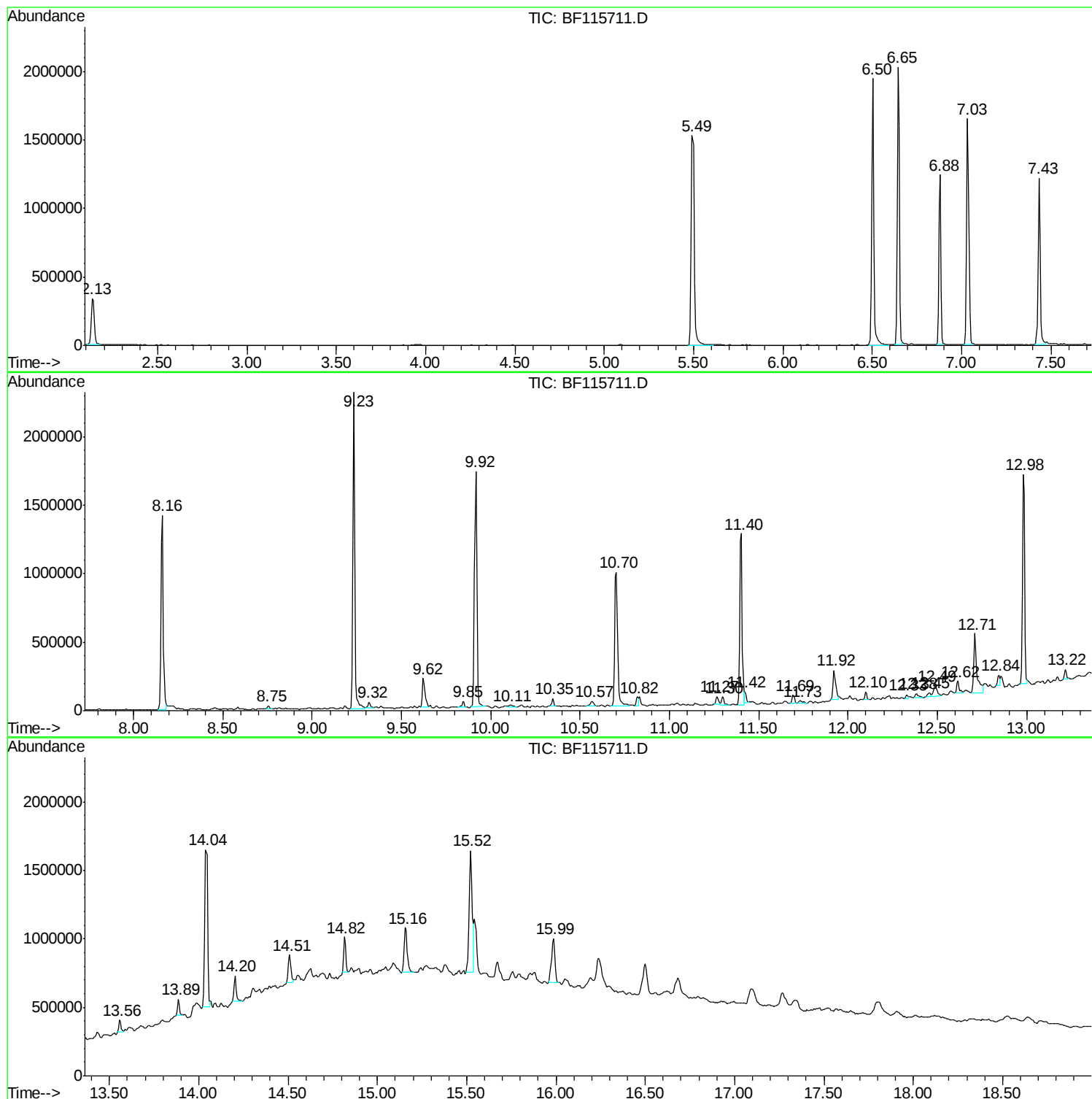
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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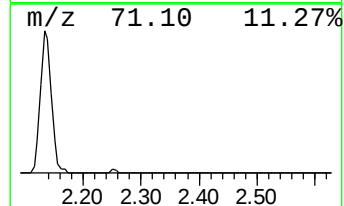
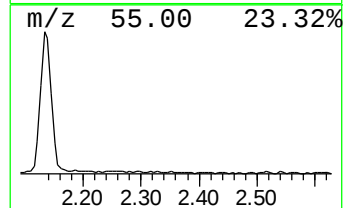
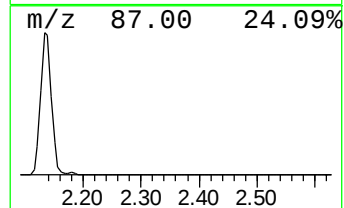
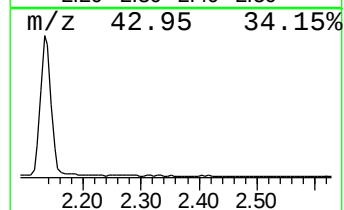
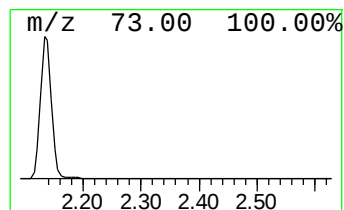
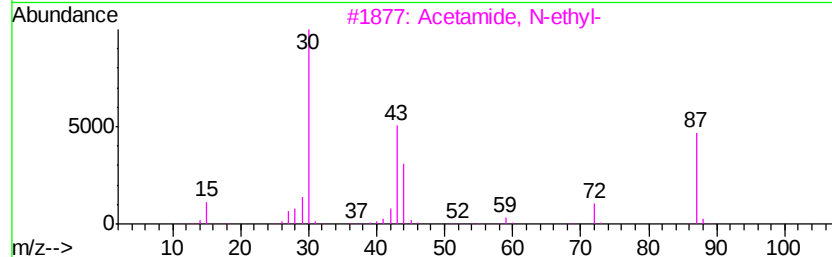
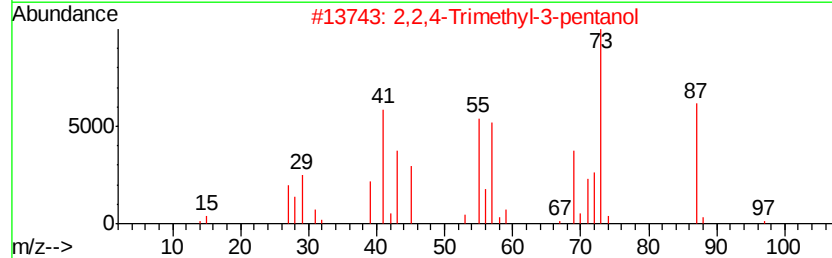
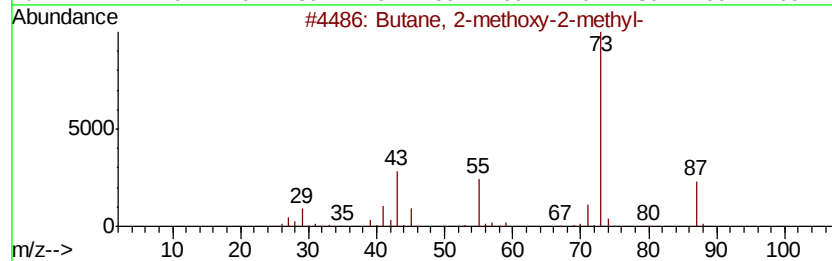
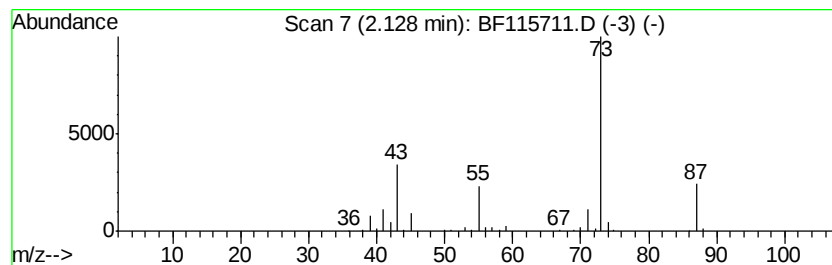
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	8.18 ng	429479	1,4-Dichlorobenzene-d4	6.88

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	64
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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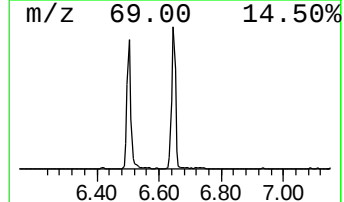
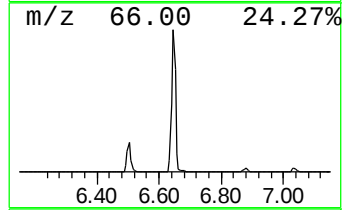
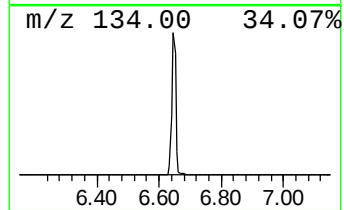
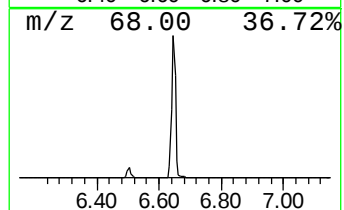
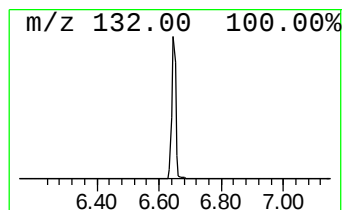
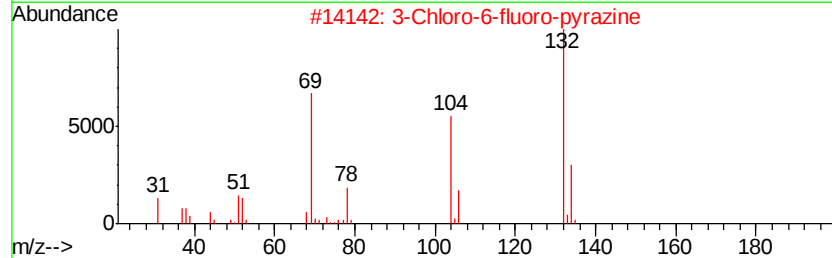
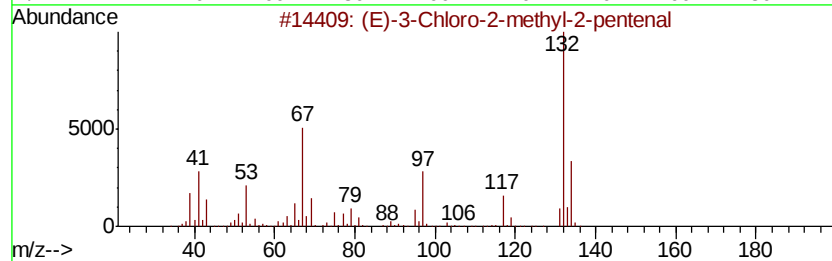
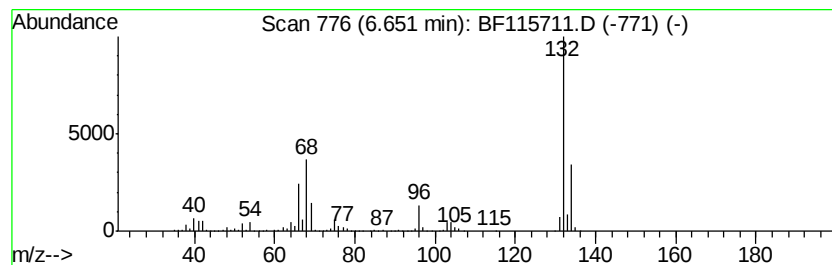
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	34.12 ng	1790120	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



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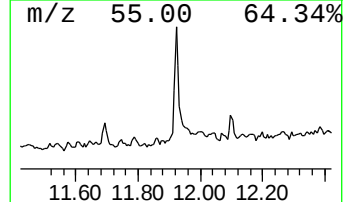
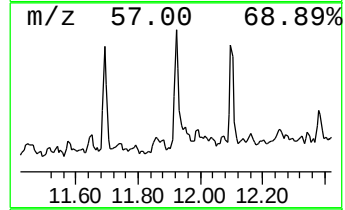
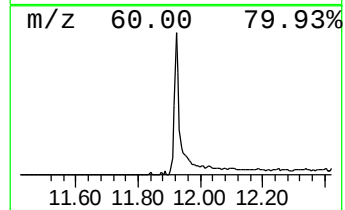
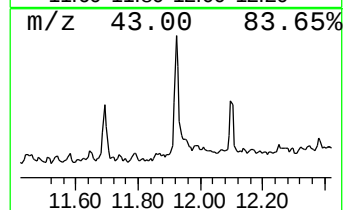
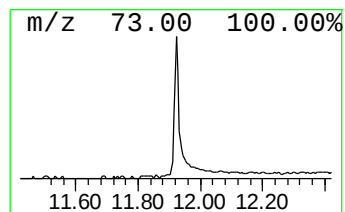
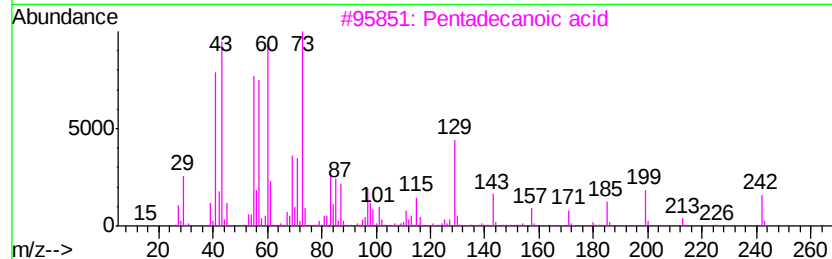
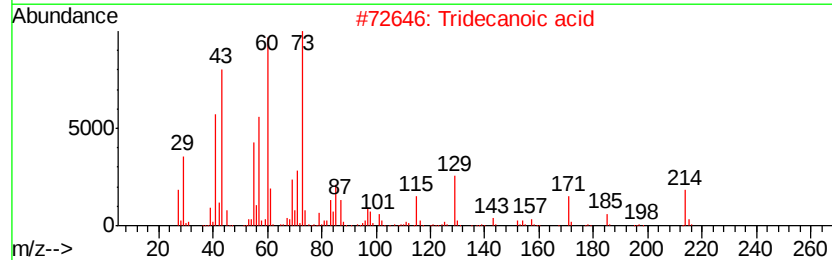
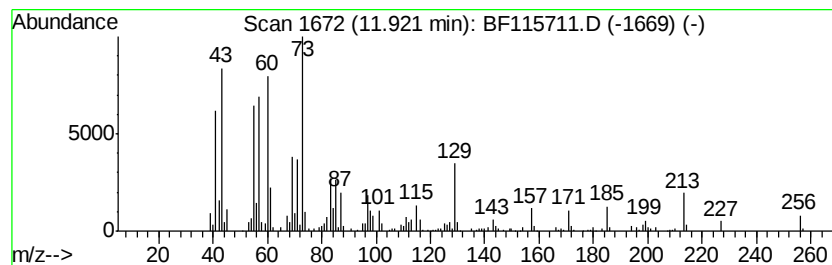
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.56 ng	213305	Phenanthrene-d10	11.40

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	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Dodecanoic acid	200	C12H24O2	000143-07-7	64



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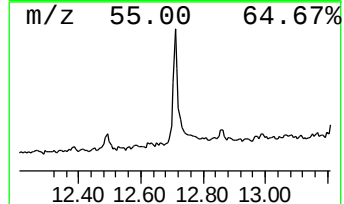
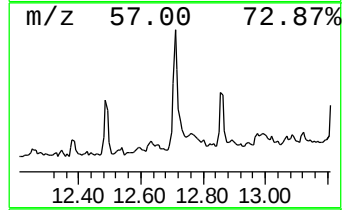
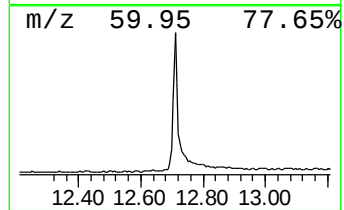
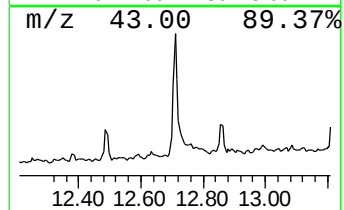
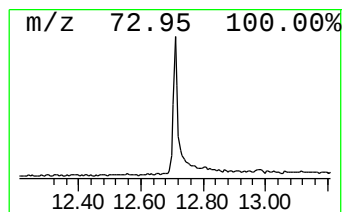
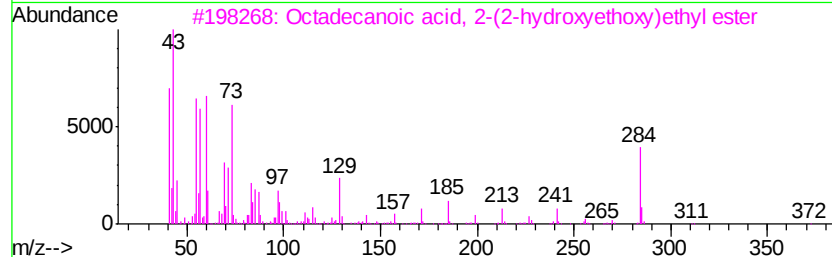
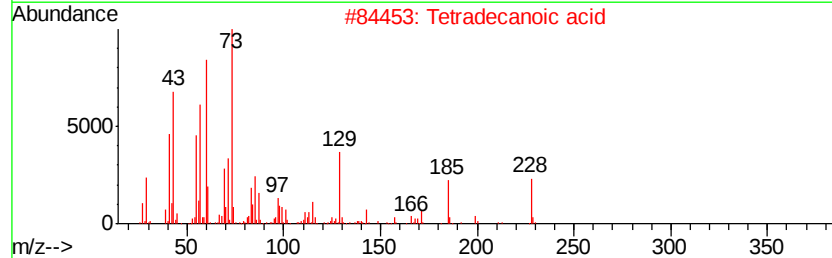
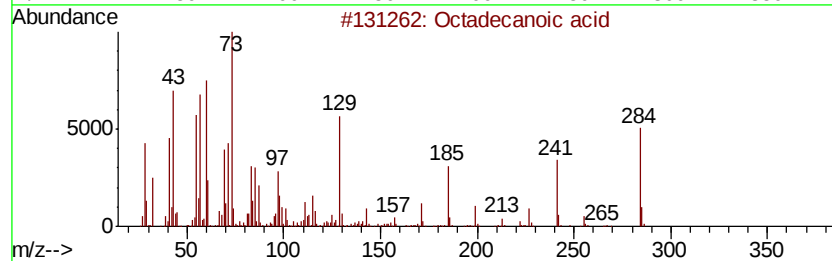
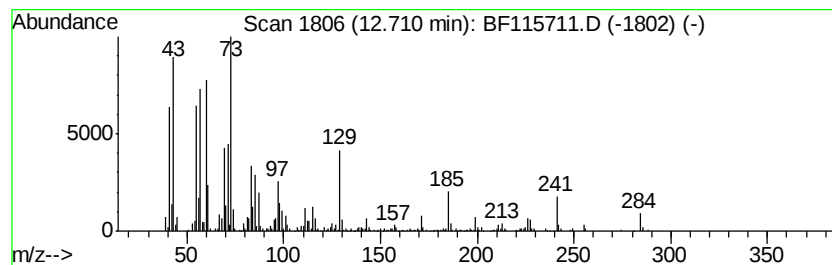
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	9.36 ng	561350	Phenanthrene-d10	11.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	86
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	70



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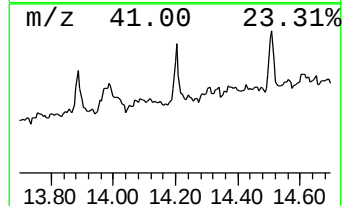
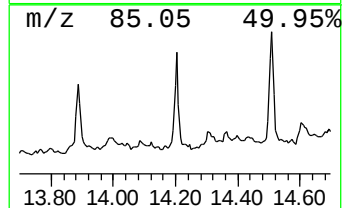
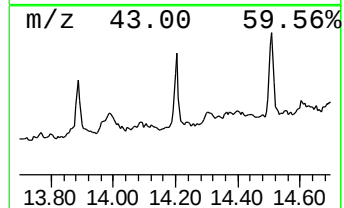
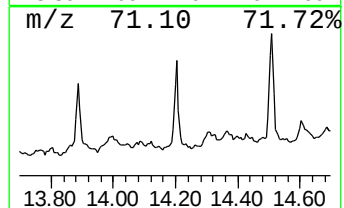
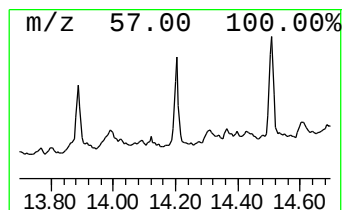
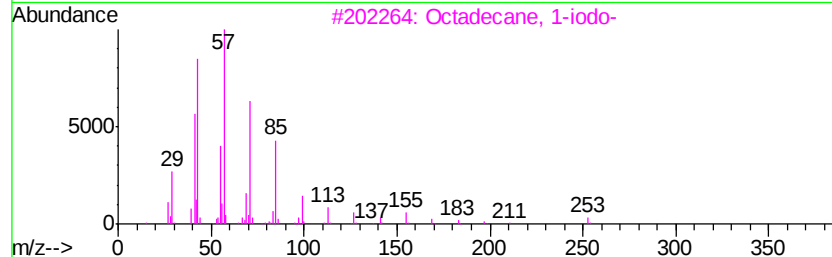
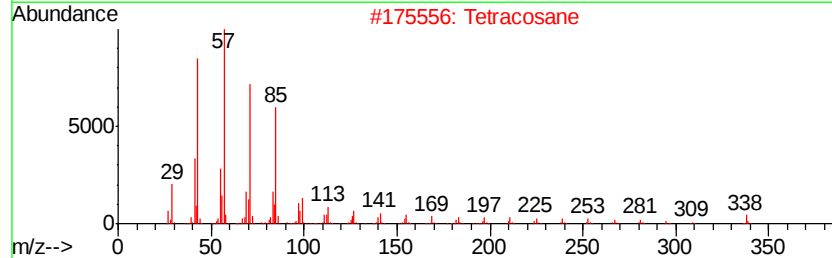
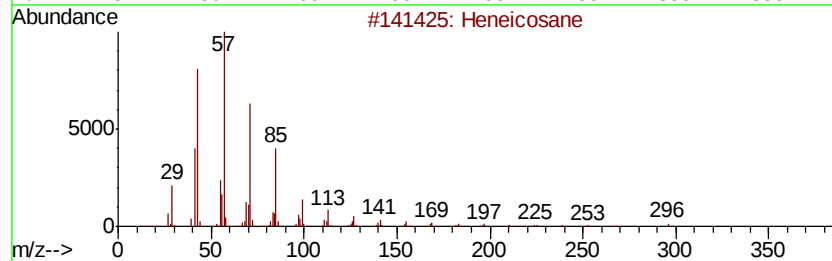
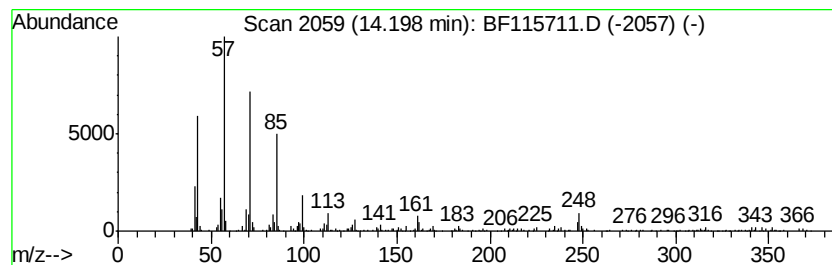
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	3.19 ng	182241	Chrysene-d12	14.04

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	83
2	Tetracosane		338	C24H50	000646-31-1	81
3	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	80
4	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	80
5	Tetradecane, 4-ethyl-		226	C16H34	055045-14-2	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
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Operator : HP/JU
Sample : K3617-03 2X
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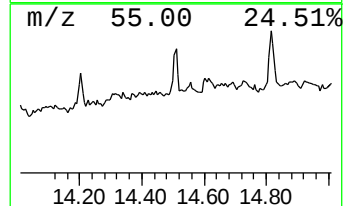
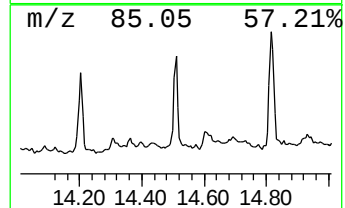
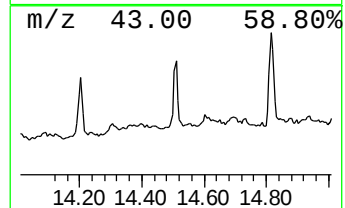
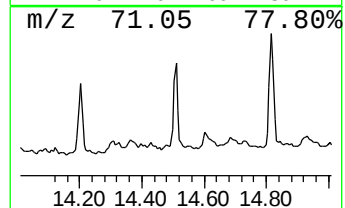
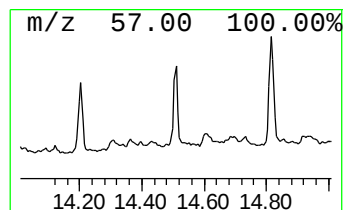
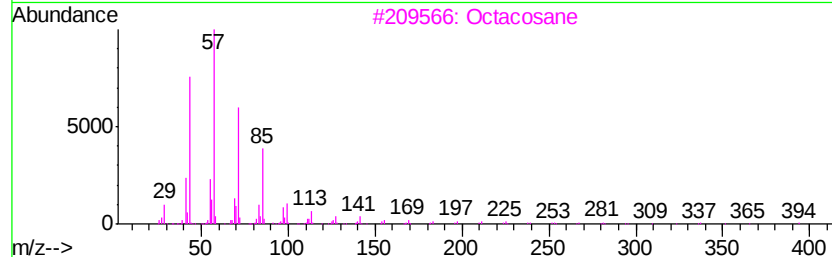
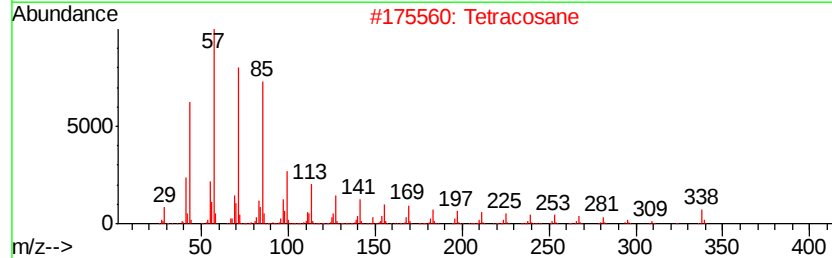
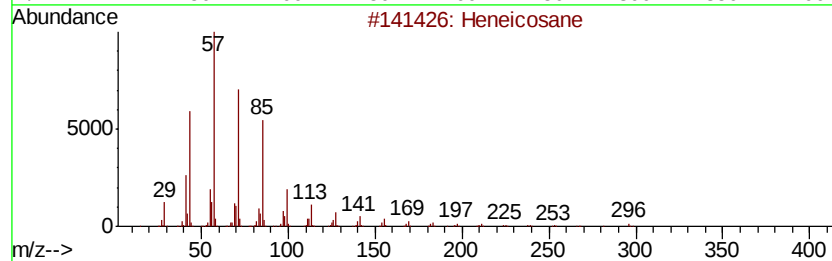
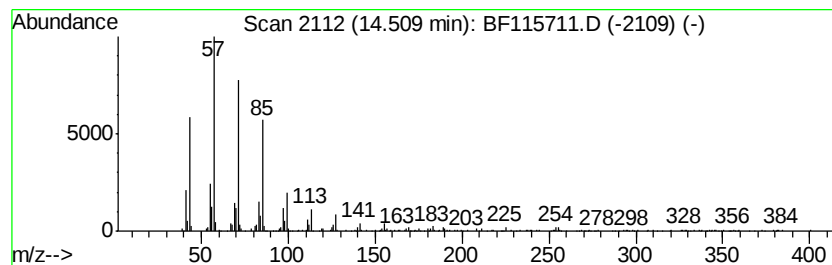
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ClientSampleId :
NB-07-071919-B

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 7 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.51	3.32 ng	189821	Chrysene-d12		14.04
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
Data File : BF115711.D
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Operator : HP/JU
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ALS Vial : 13 Sample Multiplier: 1

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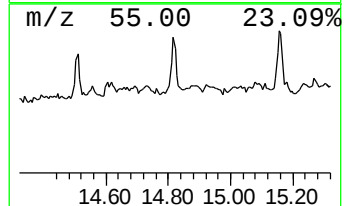
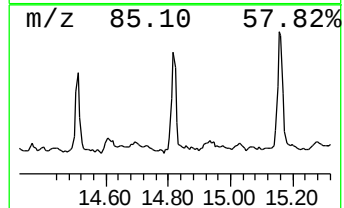
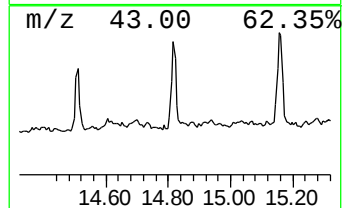
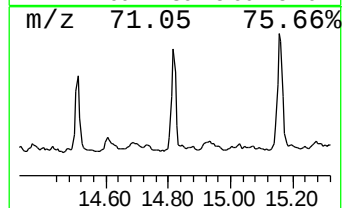
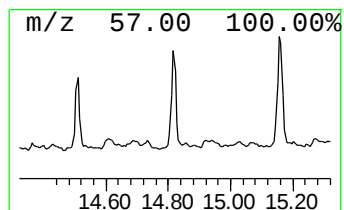
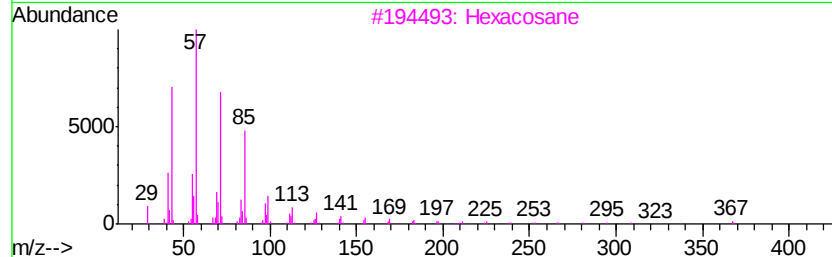
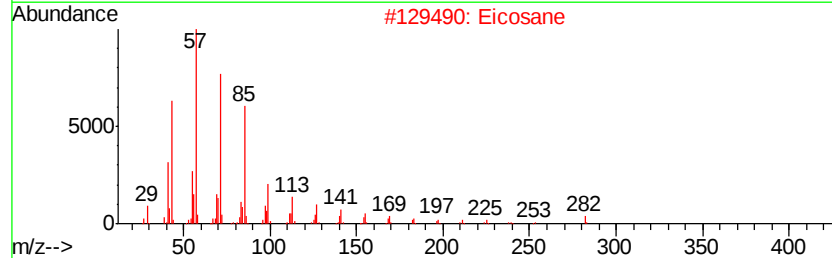
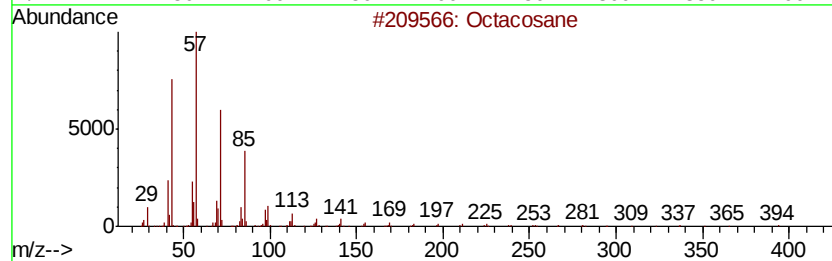
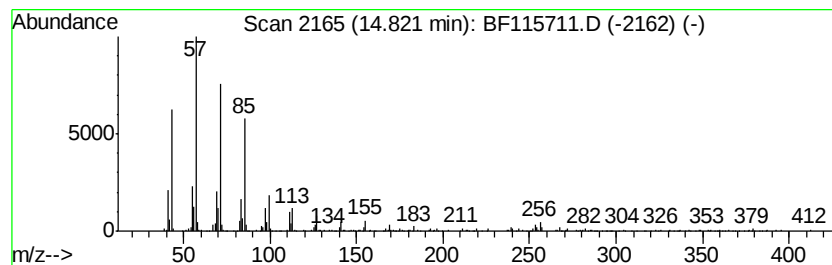
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	3.72 ng	223038	Perylene-d12	15.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	95
2		Eicosane	282	C20H42	000112-95-8	94
3		Hexacosane	366	C26H54	000630-01-3	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
Data File : BF115711.D
Acq On : 22 Jul 2019 16:06
Operator : HP/JU
Sample : K3617-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-B

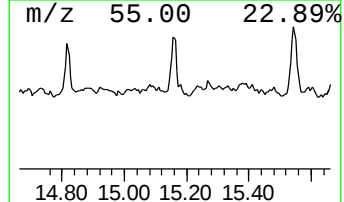
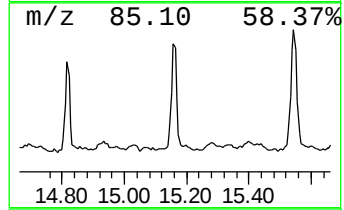
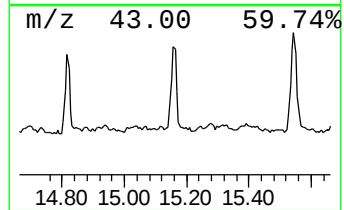
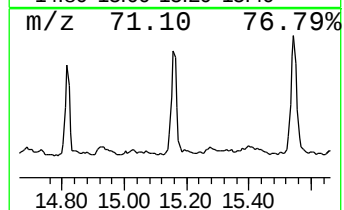
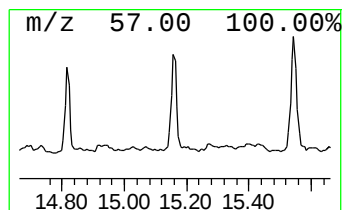
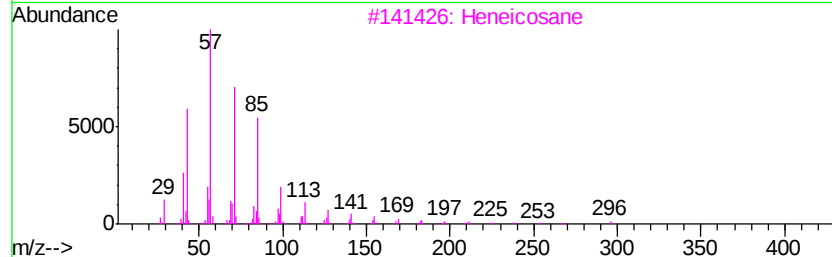
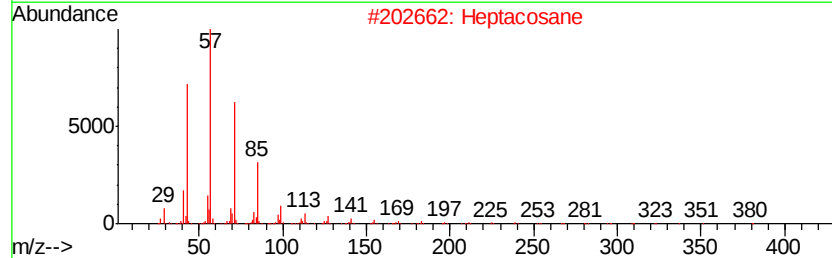
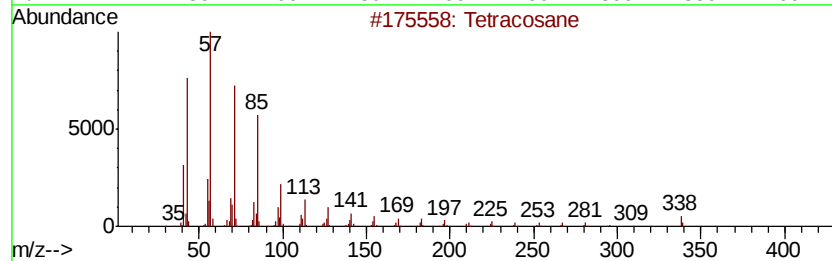
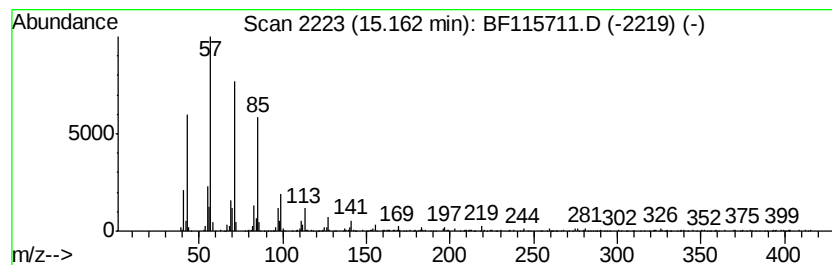
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	6.84 ng	409991	Perylene-d12	15.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	96
2		Heptacosane	380	C27H56	000593-49-7	95
3		Heneicosane	296	C21H44	000629-94-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
Data File : BF115711.D
Acq On : 22 Jul 2019 16:06
Operator : HP/JU
Sample : K3617-03 2X
Misc :
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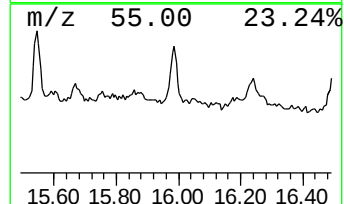
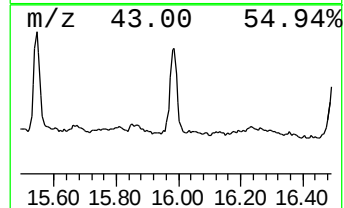
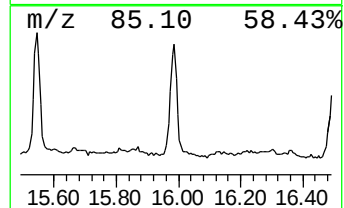
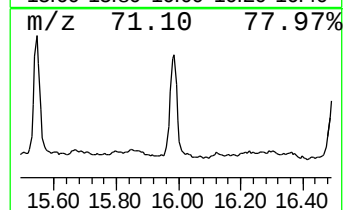
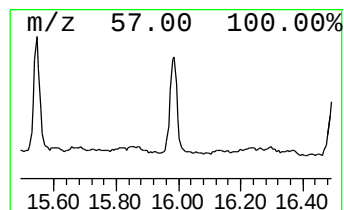
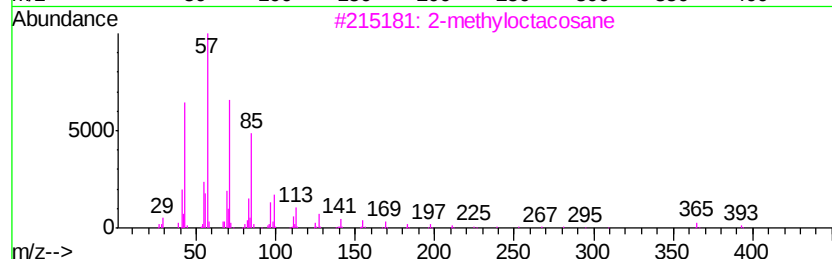
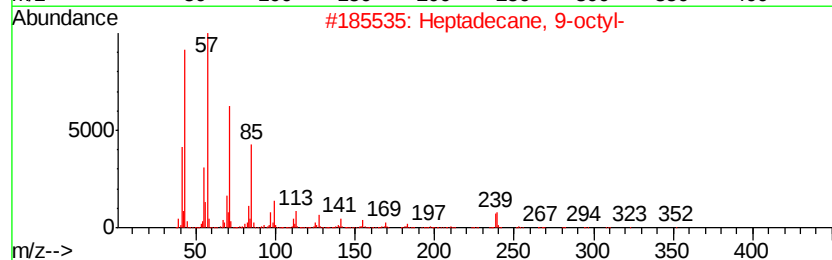
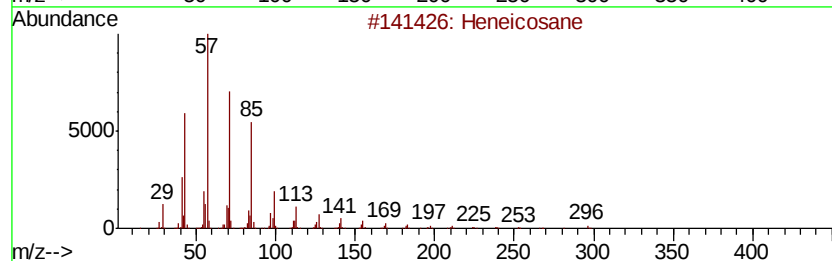
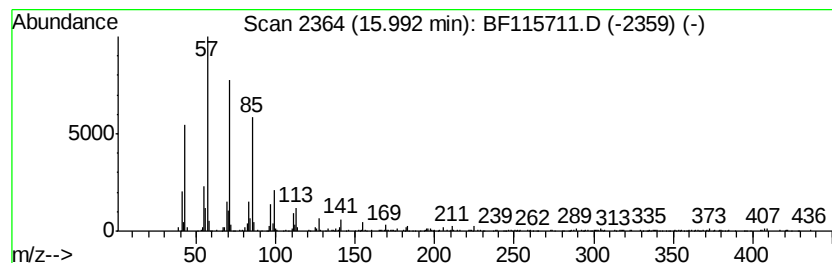
Instrument :
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ClientSampleId :
NB-07-071919-B

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 10 Heptadecane, 9-octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.99	7.25 ng	434629	Perylene-d12	15.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072219\
Data File : BF115711.D
Acq On : 22 Jul 2019 16:06
Operator : HP/JU
Sample : K3617-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown6.65	6.65	34.1	ng	1790120	1	6.88	1049440	20.0
n-Hexadecanoic acid	11.92	3.6	ng	213305	4	11.40	1199070	20.0
Octadecanoic acid	12.71	9.4	ng	561350	4	11.40	1199070	20.0
Heneicosane	14.20	3.2	ng	182241	5	14.04	1141890	20.0
Tetracosane	14.51	3.3	ng	189821	5	14.04	1141890	20.0
Octacosane	14.82	3.7	ng	223038	6	15.52	1199630	20.0
2-methyloctacosane	15.16	6.8	ng	409991	6	15.52	1199630	20.0
Heptadecane, 9-oc...	15.99	7.3	ng	434629	6	15.52	1199630	20.0