

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030719\
 Data File : BF112931.D
 Acq On : 7 Mar 2019 19:45
 Operator : JU/SJ
 Sample : K1760-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z2-8

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-BF022719.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	5.340	549	553	557	rBV	3465406	3617354	81.59%	8.149%
2	6.369	722	728	742	rBV	3721054	4023797	90.76%	9.065%
3	6.498	746	750	753	rBV	4141846	3888159	87.70%	8.759%
4	6.728	786	789	793	rBV	1501741	1221337	27.55%	2.751%
5	6.887	812	816	819	rBV	3608420	3067509	69.19%	6.910%
6	7.287	879	884	897	rBV	2430924	2540133	57.29%	5.722%
7	8.010	1003	1007	1014	rBV	1647045	1536973	34.67%	3.462%
8	9.086	1185	1190	1201	rBV	4560841	4433659	100.00%	9.988%
9	9.210	1208	1211	1216	rVB	271258	253120	5.71%	0.570%
10	9.481	1253	1257	1263	rBV	295949	292291	6.59%	0.658%
11	9.763	1300	1305	1314	rBV	1734102	1818387	41.01%	4.096%
12	10.351	1401	1405	1413	rBV	140271	158835	3.58%	0.358%
13	10.545	1433	1438	1452	rBV	2896631	2977815	67.16%	6.708%
14	11.239	1552	1556	1563	rBV	1789607	1966502	44.35%	4.430%
15	11.292	1563	1565	1570	rVB2	41258	50131	1.13%	0.113%
16	11.710	1632	1636	1639	rBV	45131	54391	1.23%	0.123%
17	11.775	1643	1647	1656	rVV3	404496	458621	10.34%	1.033%
18	12.280	1729	1733	1737	rBV2	99347	100763	2.27%	0.227%
19	12.322	1737	1740	1745	rVB3	37288	58036	1.31%	0.131%
20	12.439	1757	1760	1764	rBV	252843	229652	5.18%	0.517%
21	12.486	1765	1768	1775	rVB	75052	84858	1.91%	0.191%
22	12.557	1777	1780	1788	rBV3	113540	165596	3.73%	0.373%
23	12.669	1794	1799	1804	rBV	215577	235443	5.31%	0.530%
24	12.816	1820	1824	1828	rBV	4129604	4098035	92.43%	9.232%
25	13.057	1861	1865	1869	rVB3	43030	51890	1.17%	0.117%
26	13.727	1975	1979	1986	rVB2	244663	322138	7.27%	0.726%
27	13.857	1996	2001	2015	rVB	1690107	1830277	41.28%	4.123%
28	14.039	2029	2032	2036	rBV	153926	157116	3.54%	0.354%
29	14.345	2080	2084	2097	rVB	281636	331882	7.49%	0.748%
30	14.639	2130	2134	2142	rBV	374522	382021	8.62%	0.861%
31	14.710	2143	2146	2150	rVB	79788	81980	1.85%	0.185%
32	14.868	2169	2173	2176	rBV	100379	157308	3.55%	0.354%
33	14.957	2184	2188	2192	rBV	394254	430469	9.71%	0.970%
34	15.145	2217	2220	2223	rBV	59380	71829	1.62%	0.162%

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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	15.204	2226	2230	2234	rVV	81377	102552	2.31%	0.231%
36	15.263	2235	2240	2245	rVV	1197282	1581644	35.67%	3.563%
37	15.310	2245	2248	2253	rVB	370656	451833	10.19%	1.018%
38	15.715	2312	2317	2322	rBV	292806	432966	9.77%	0.975%
39	16.180	2391	2396	2402	rBV	201345	330653	7.46%	0.745%
40	16.727	2484	2489	2497	rVB2	100799	187861	4.24%	0.423%
41	17.368	2594	2598	2610	rVB	66153	154520	3.49%	0.348%

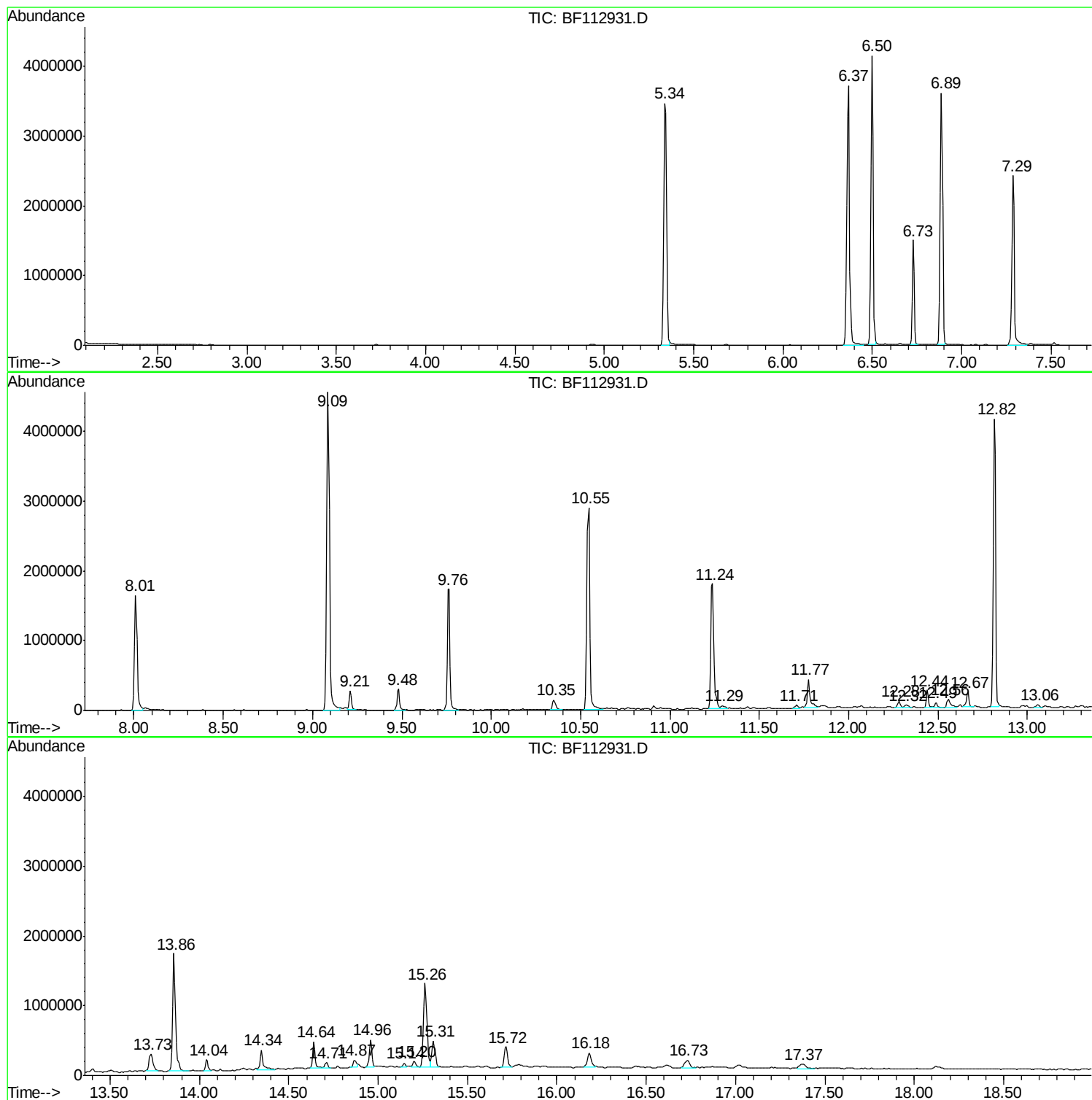
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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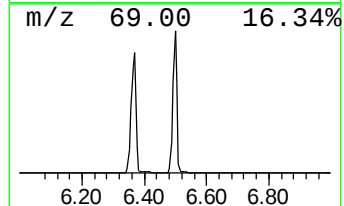
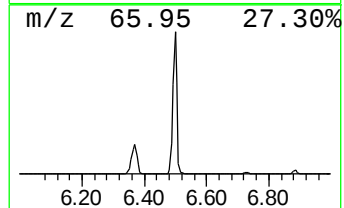
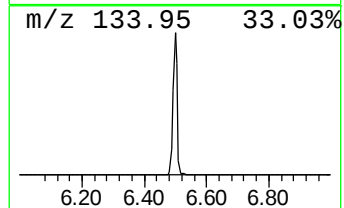
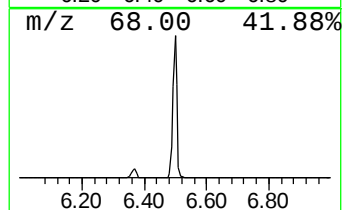
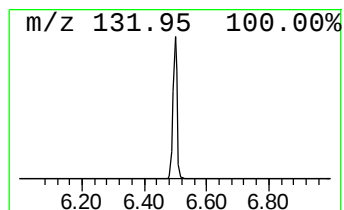
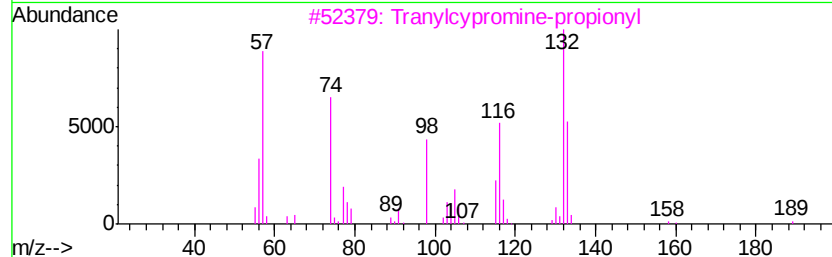
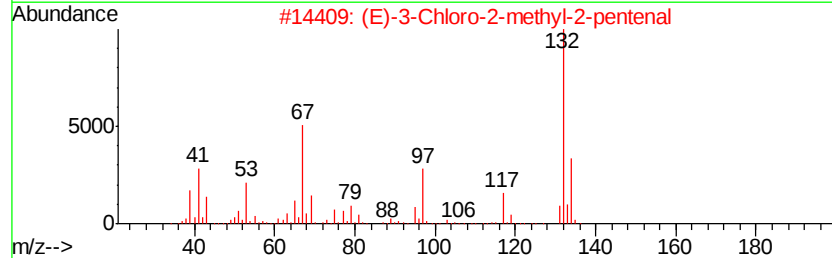
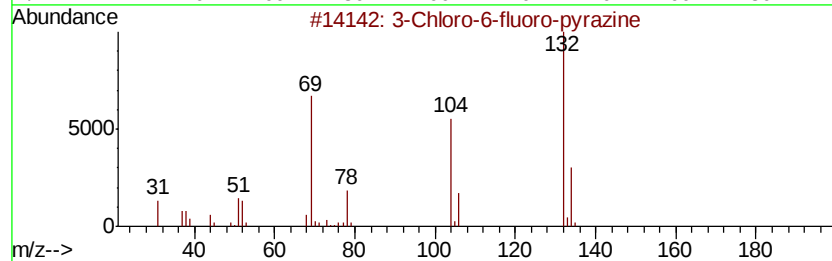
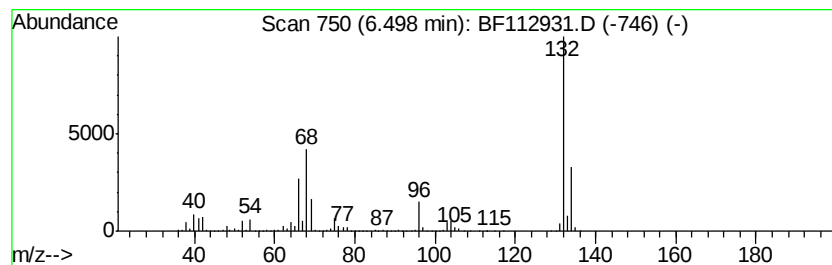
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	63.67 ng	3888160	1,4-Dichlorobenzene-d4	6.73

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	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Xenon	132	Xe	007440-63-3	9



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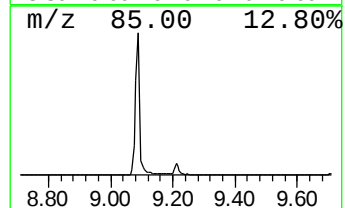
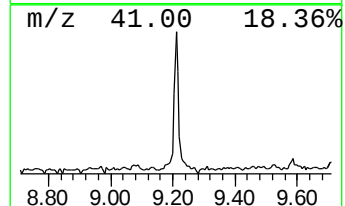
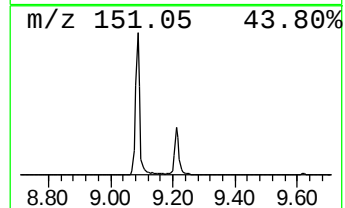
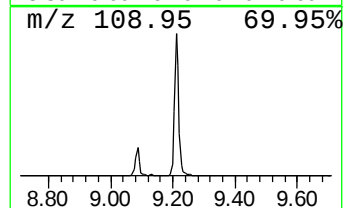
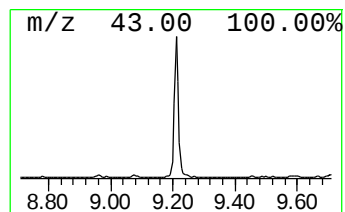
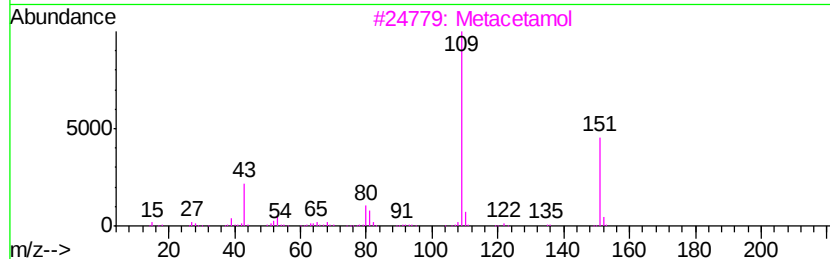
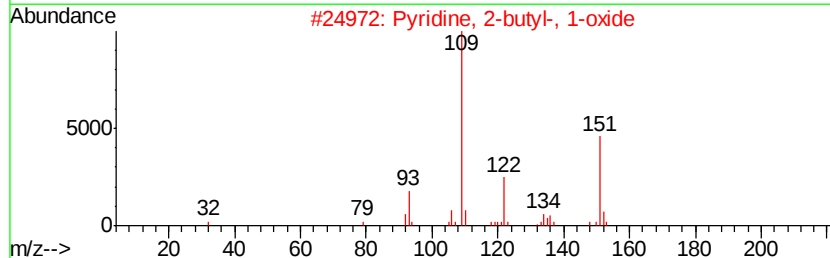
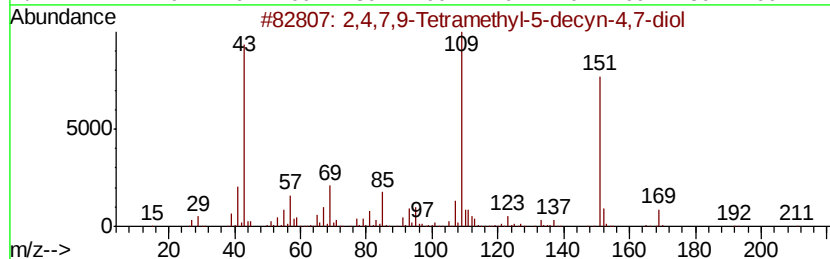
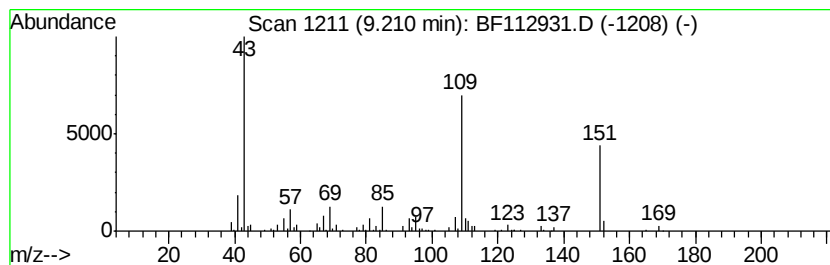
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Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	2.78 ng	253120	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87
2		Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
3		Metacetamol	151	C8H9NO2	000621-42-1	50
4		Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	43
5		Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	33



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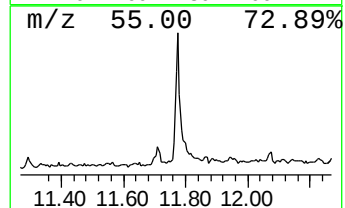
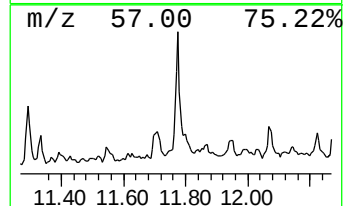
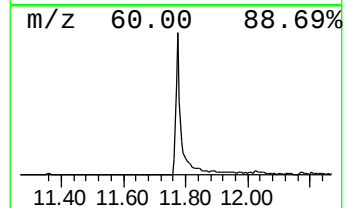
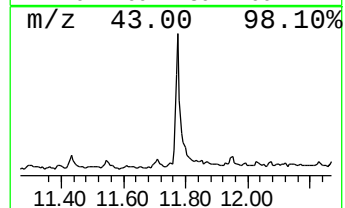
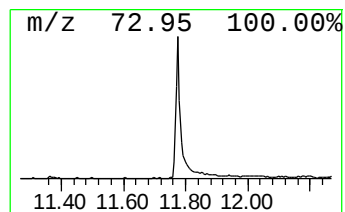
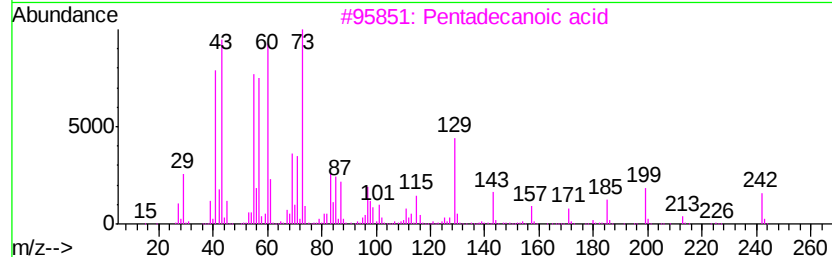
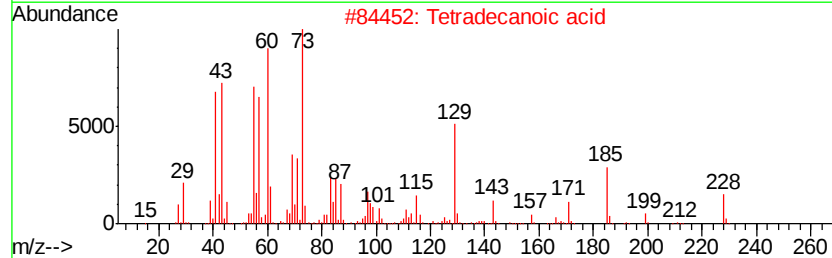
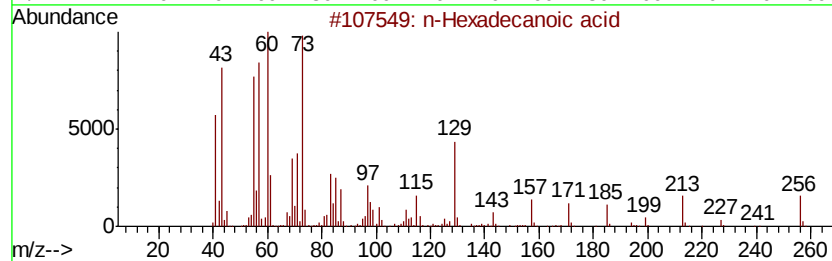
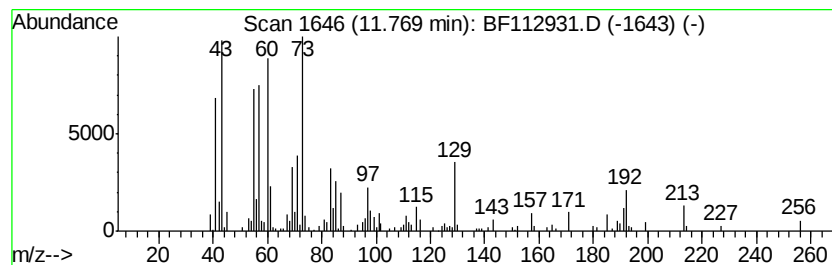
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.66 ng	458621	Phenanthrene-d10	11.24

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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	92
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76



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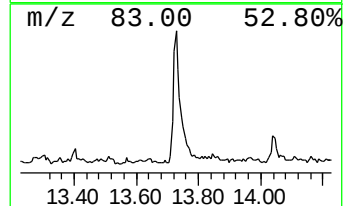
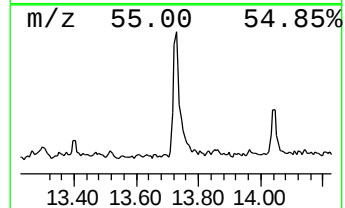
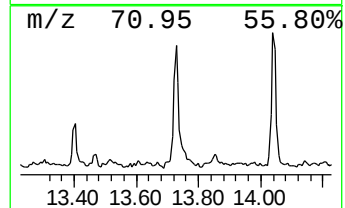
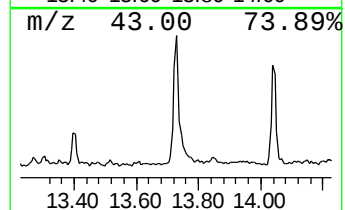
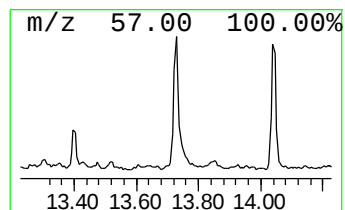
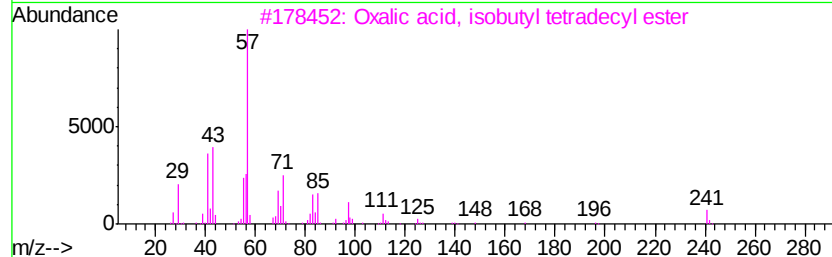
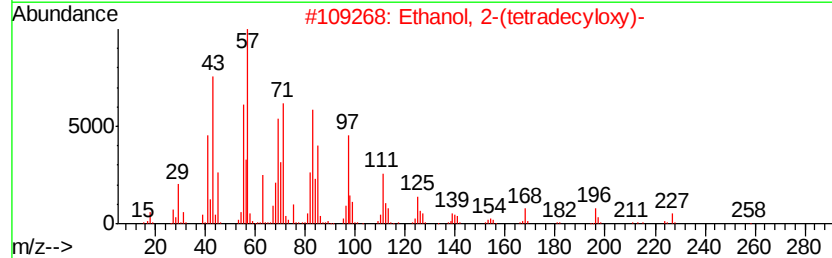
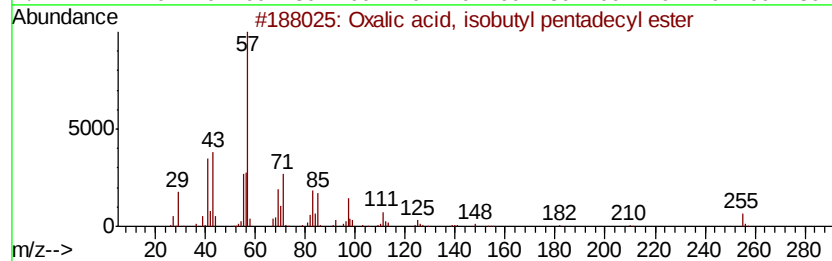
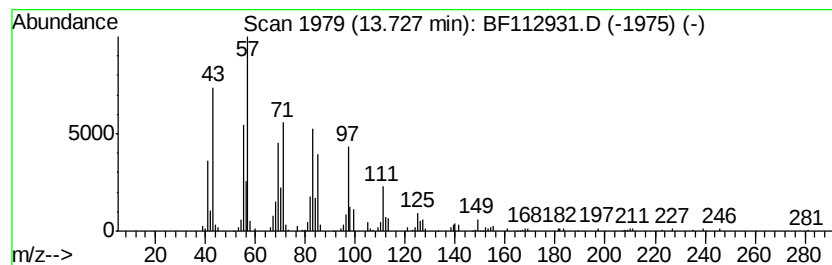
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Oxalic acid, isobutyl penta... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.52 ng	322138	Chrysene-d12	13.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91	
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91	
3	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91	
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	81	
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	81	



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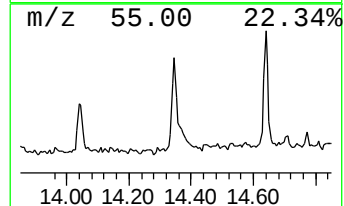
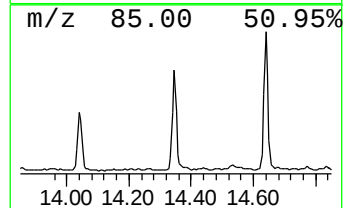
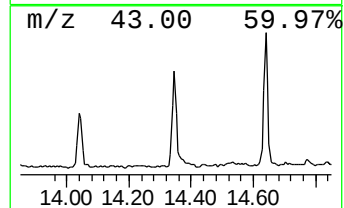
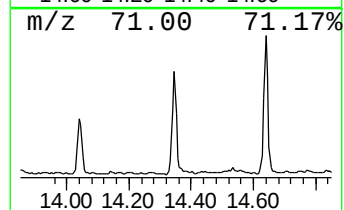
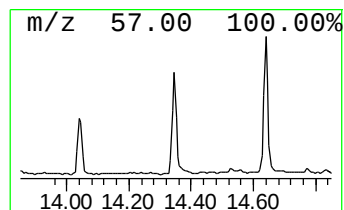
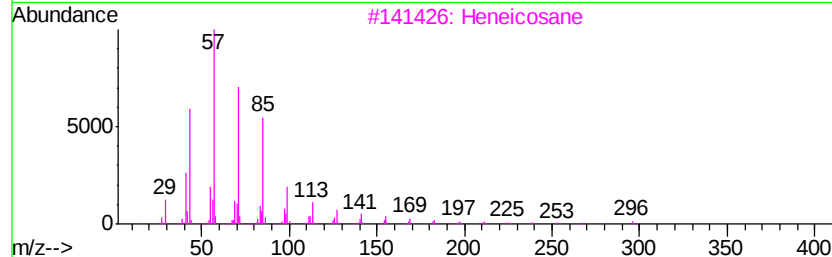
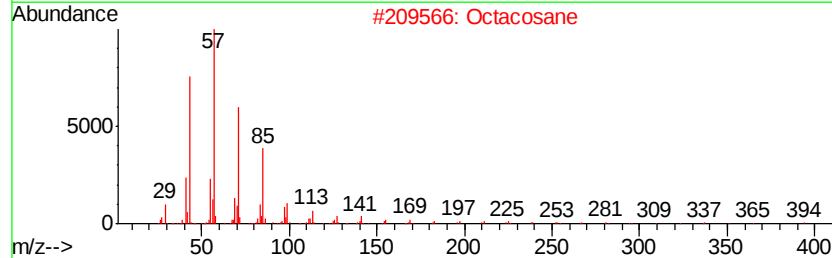
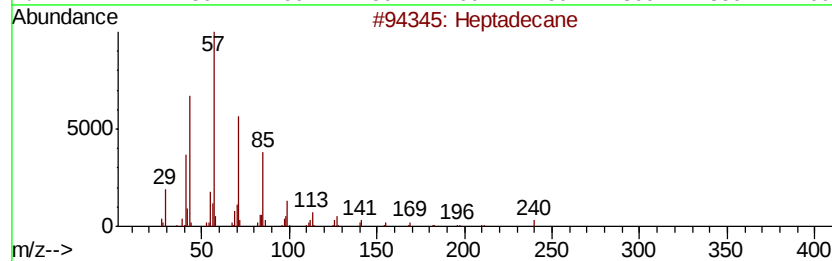
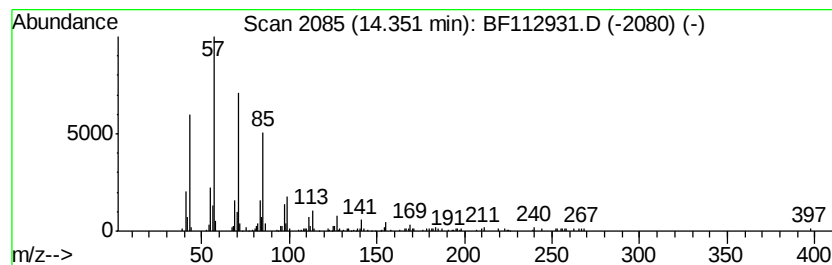
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	3.63 ng	331882	Chrysene-d12	13.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Octacosane		394	C28H58	000630-02-4	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	2-methyloctacosane		408	C29H60	1000376-72-8	91
5	Docosane		310	C22H46	000629-97-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
Data File : BF112931.D
Acq On : 7 Mar 2019 19:45
Operator : JU/SJ
Sample : K1760-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Z2-8

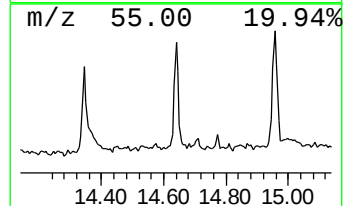
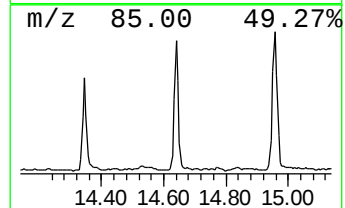
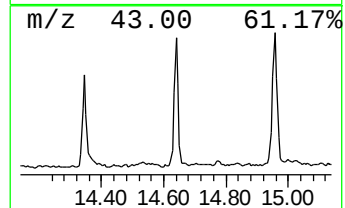
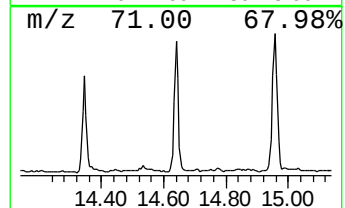
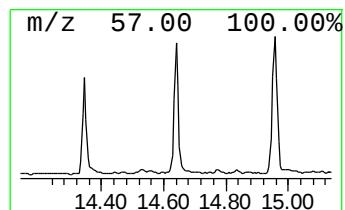
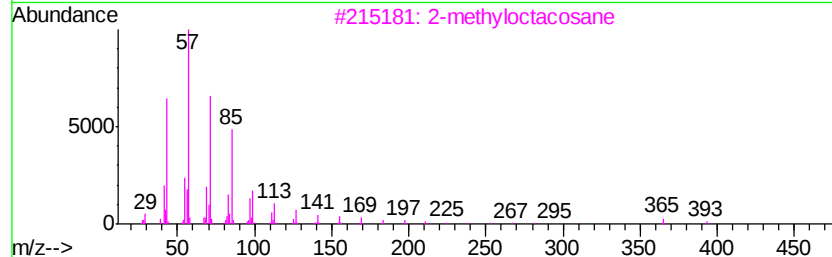
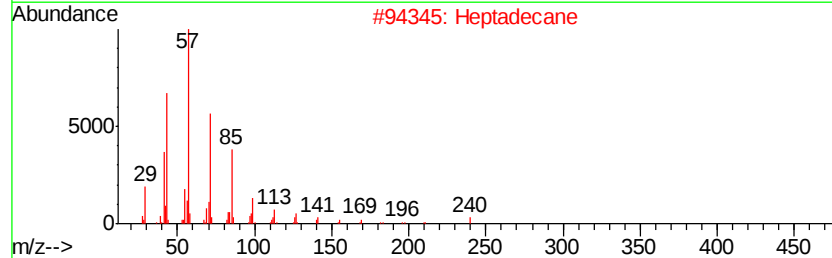
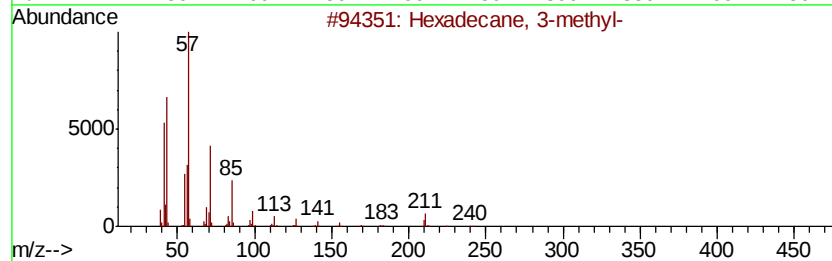
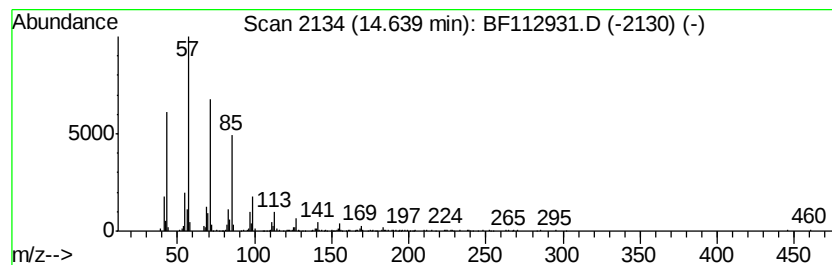
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	4.83 ng	382021	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	94
2		Heptadecane	240	C17H36	000629-78-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
 Data File : BF112931.D
 Acq On : 7 Mar 2019 19:45
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Instrument :
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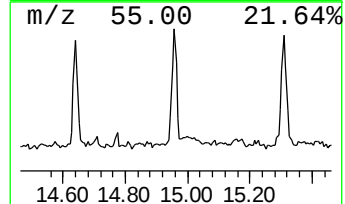
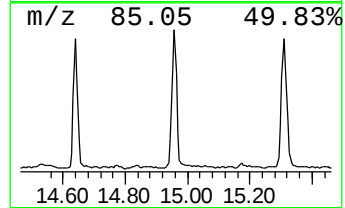
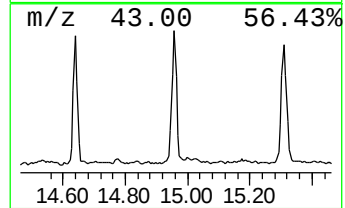
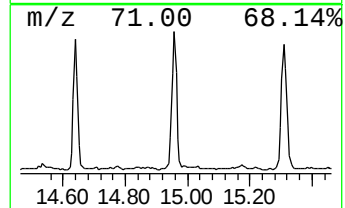
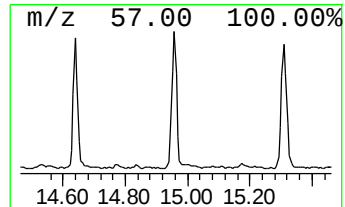
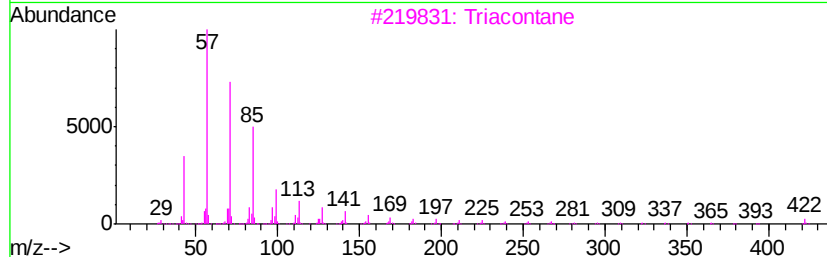
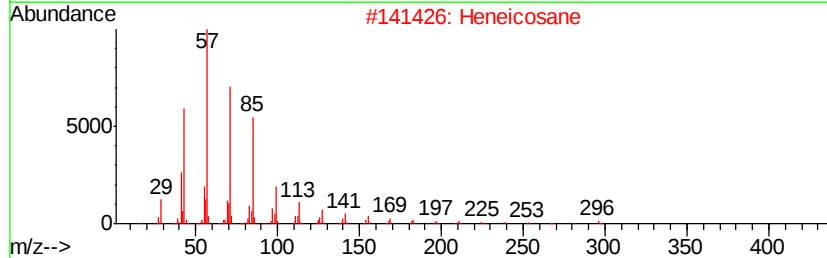
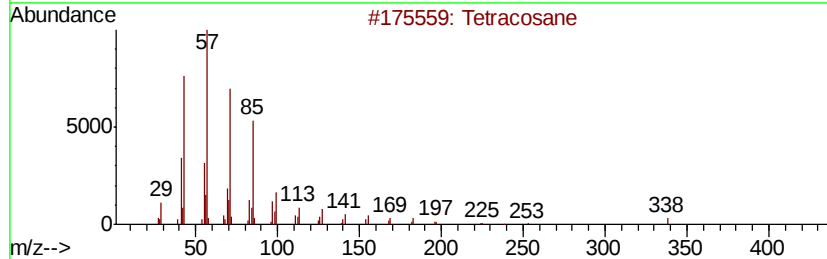
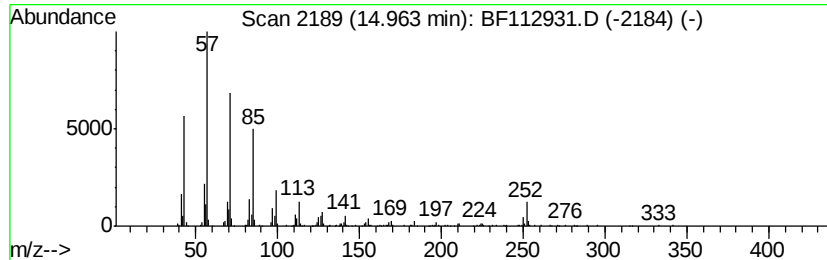
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	5.44 ng	430469	Perylene-d12	15.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
Data File : BF112931.D
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ClientSampleId :
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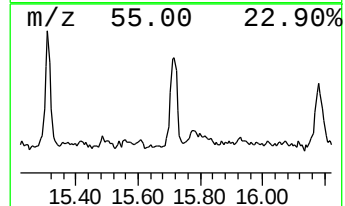
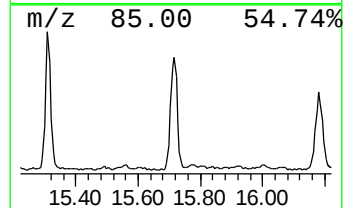
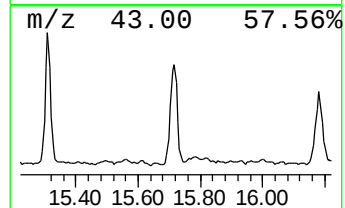
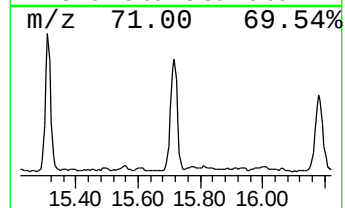
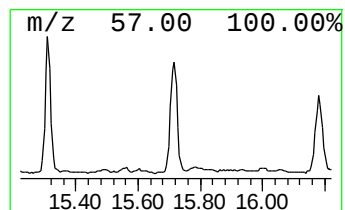
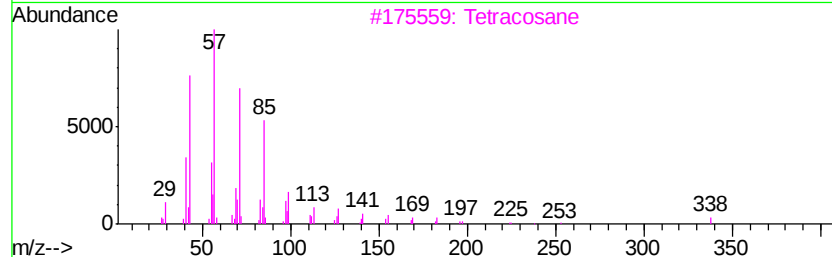
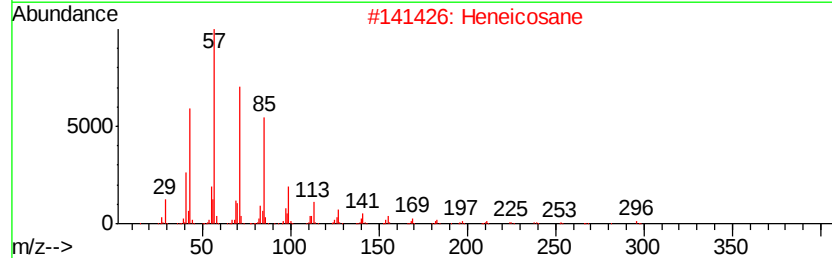
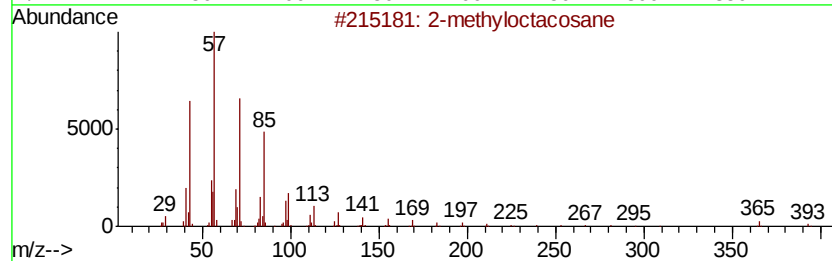
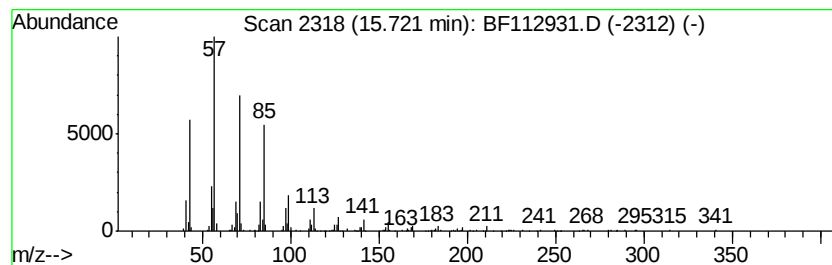
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-methyloctacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	5.47 ng	432966	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
Data File : BF112931.D
Acq On : 7 Mar 2019 19:45
Operator : JU/SJ
Sample : K1760-03
Misc :
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ClientSampleId :
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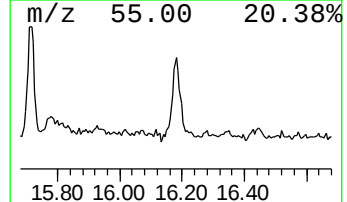
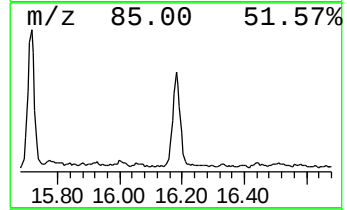
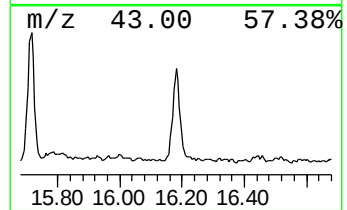
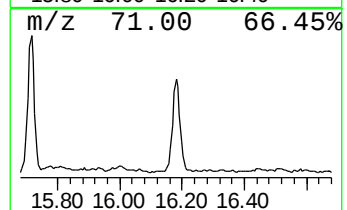
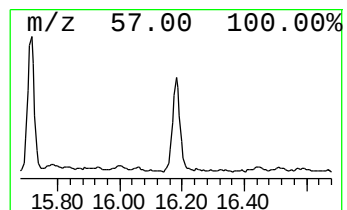
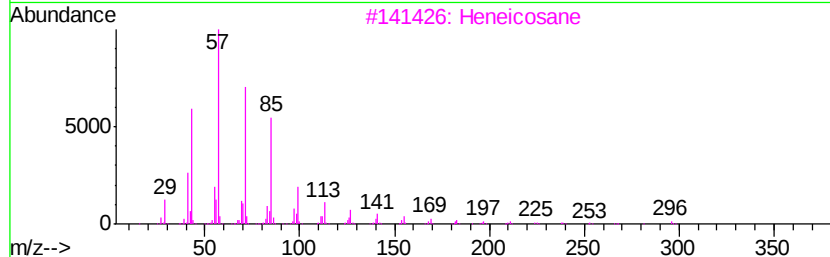
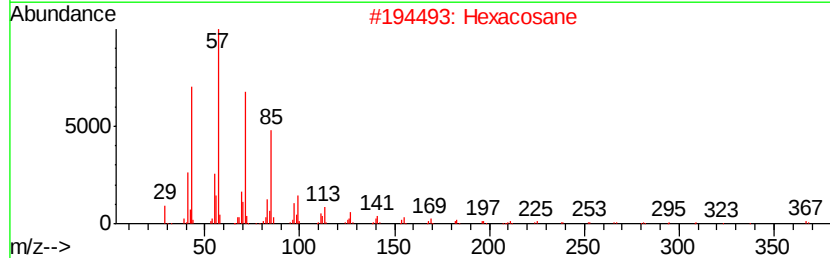
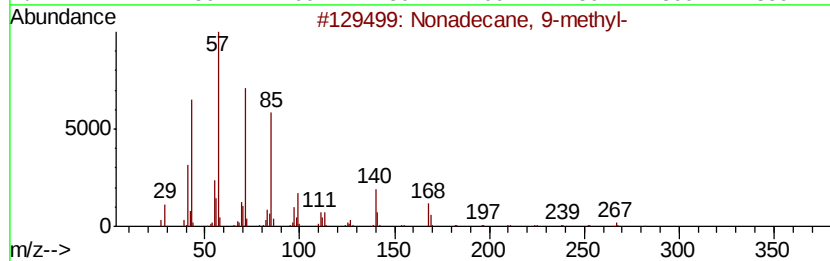
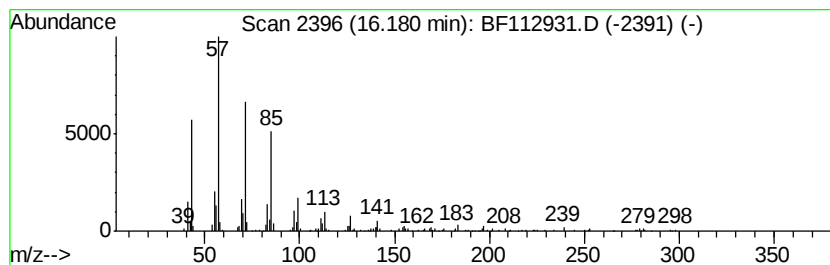
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonadecane, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	4.18 ng	330653	Perylene-d12	15.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	94
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
Data File : BF112931.D
Acq On : 7 Mar 2019 19:45
Operator : JU/SJ
Sample : K1760-03
Misc :
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Instrument :
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ClientSampleId :
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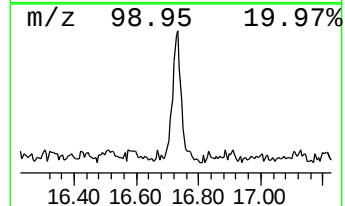
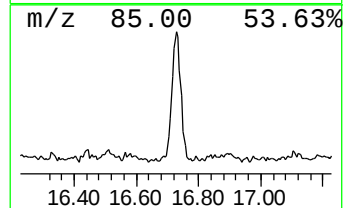
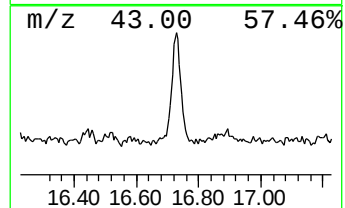
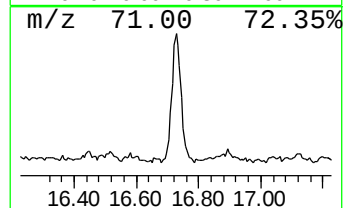
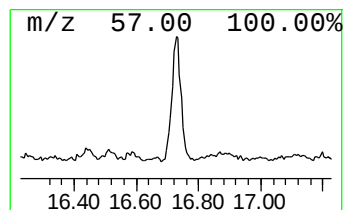
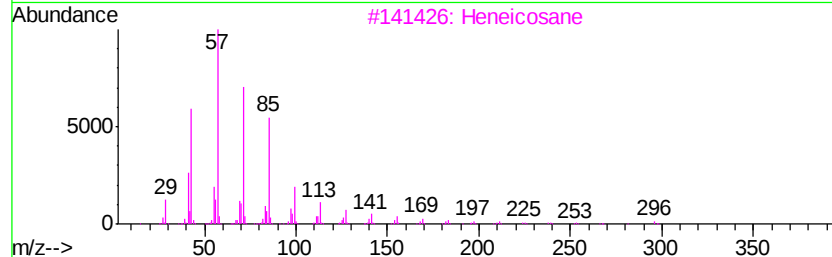
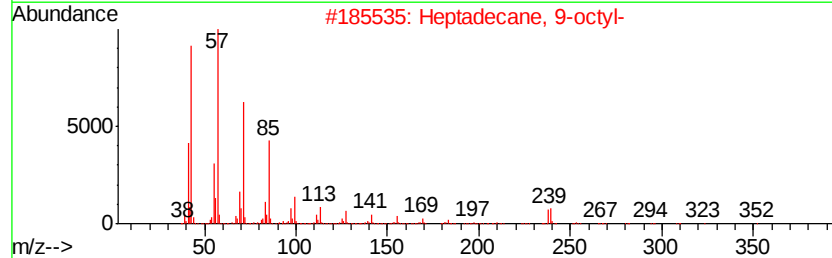
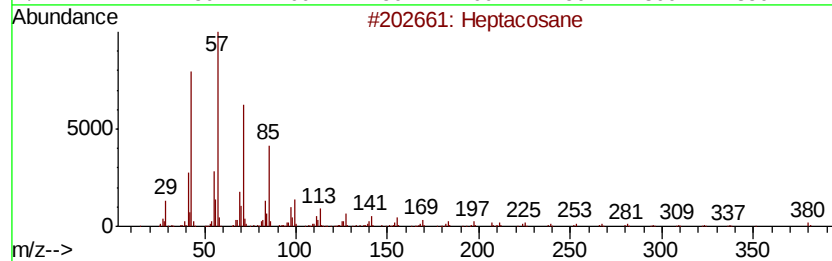
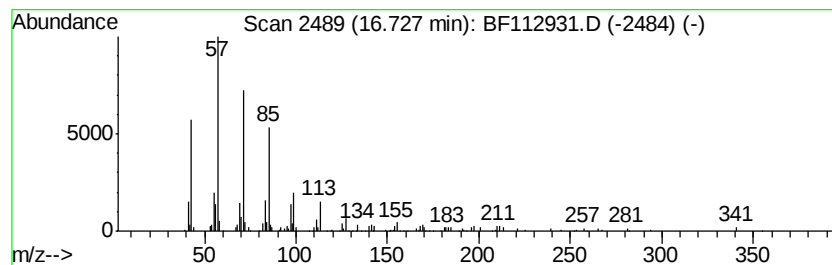
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	2.38 ng	187861	Perylene-d12	15.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	90
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
3			Heneicosane	296	C21H44	000629-94-7	86
4			Triacontane	422	C30H62	000638-68-6	86
5			Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030719\
Data File : BF112931.D
Acq On : 7 Mar 2019 19:45
Operator : JU/SJ
Sample : K1760-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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2,4,7,9-Tetrameth...	9.21	2.8	ng	253120	3	9.76	1818390	20.0
n-Hexadecanoic acid	11.77	4.7	ng	458621	4	11.24	1966500	20.0
Oxalic acid, isob...	13.73	3.5	ng	322138	5	13.86	1830280	20.0
Heptadecane	14.35	3.6	ng	331882	5	13.86	1830280	20.0
Hexadecane, 3-met...	14.64	4.8	ng	382021	6	15.26	1581640	20.0
Tetracosane	14.96	5.4	ng	430469	6	15.26	1581640	20.0
2-methyloctacosane	15.72	5.5	ng	432966	6	15.26	1581640	20.0
Nonadecane, 9-met...	16.18	4.2	ng	330653	6	15.26	1581640	20.0
Heptacosane	16.73	2.4	ng	187861	6	15.26	1581640	20.0