

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117855.D
 Acq On : 19 Nov 2019 13:21
 Operator : JU
 Sample : K5862-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13A-S

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-BF111319.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	2.199	13	19	27	rVB	697894	906885	18.18%	1.916%
2	5.128	508	517	524	rBV	597610	701170	14.06%	1.482%
3	5.528	580	585	588	rBV	4097043	3797427	76.14%	8.024%
4	6.534	751	756	770	rBV	3928638	4317941	86.58%	9.124%
5	6.681	777	781	785	rBV	4542477	4220932	84.63%	8.919%
6	6.916	817	821	824	rBV	1674660	1321968	26.51%	2.793%
7	7.075	844	848	851	rBV	3454221	3152274	63.20%	6.661%
8	7.475	911	916	919	rBV	2871073	2554268	51.21%	5.397%
9	8.204	1036	1040	1043	rBV	2055569	1758532	35.26%	3.716%
10	9.281	1218	1223	1226	rBV	5671296	4754450	95.33%	10.046%
11	9.675	1286	1290	1293	rBV	536482	438672	8.80%	0.927%
12	9.963	1335	1339	1343	rBV	2404913	2109697	42.30%	4.458%
13	10.757	1469	1474	1477	rBV	2906777	2821948	56.58%	5.963%
14	11.457	1589	1593	1596	rBV	2684836	2199756	44.11%	4.648%
15	11.522	1599	1604	1610	rVB4	81608	85509	1.71%	0.181%
16	11.974	1673	1681	1685	rBV	268674	352066	7.06%	0.744%
17	12.674	1796	1800	1802	rBV	51638	57242	1.15%	0.121%
18	12.769	1811	1816	1830	rBV	860820	1250789	25.08%	2.643%
19	13.045	1859	1863	1867	rBV	5002666	4987403	100.00%	10.538%
20	13.274	1899	1902	1910	rBV9	29174	62869	1.26%	0.133%
21	13.963	2014	2019	2026	rBV3	230541	518885	10.40%	1.096%
22	14.104	2039	2043	2047	rBV	1932186	1655268	33.19%	3.498%
23	14.268	2067	2071	2074	rBV2	106420	120637	2.42%	0.255%
24	14.568	2119	2122	2125	rBV	190414	200363	4.02%	0.423%
25	14.892	2173	2177	2180	rVB	259181	283710	5.69%	0.599%
26	15.245	2233	2237	2245	rVB	306131	355988	7.14%	0.752%
27	15.610	2294	2299	2302	rBV	1171985	1459201	29.26%	3.083%
28	15.645	2302	2305	2312	rVB	291318	393290	7.89%	0.831%
29	16.104	2378	2383	2389	rVB	209045	319630	6.41%	0.675%
30	16.633	2470	2473	2480	rVB	96024	167900	3.37%	0.355%

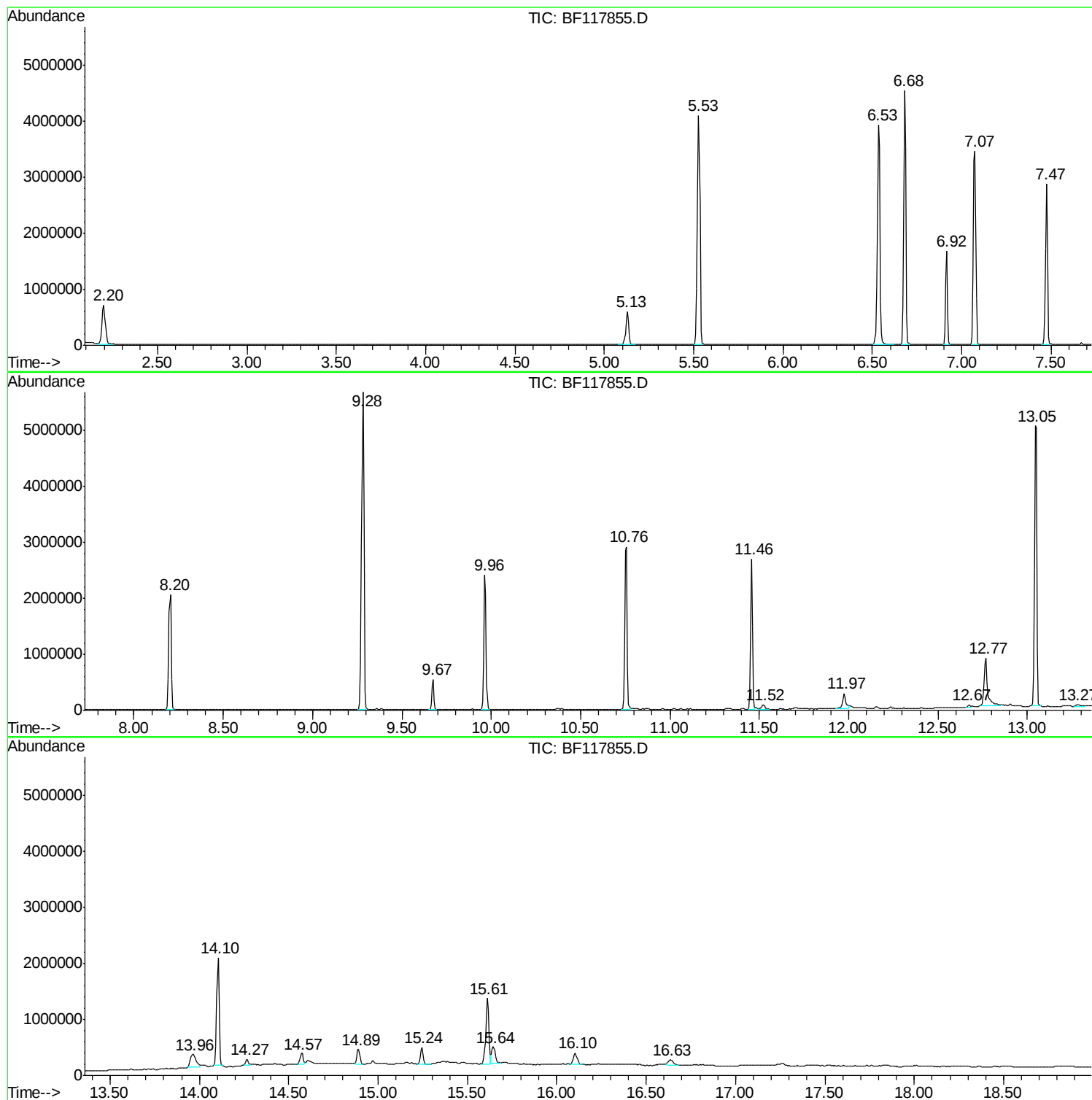
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BNA_F
ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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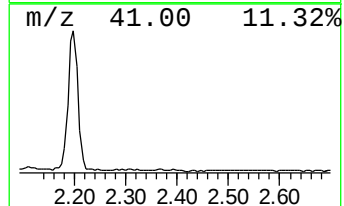
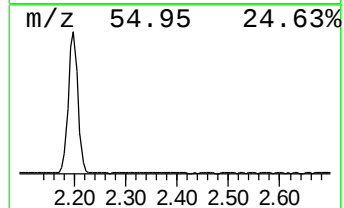
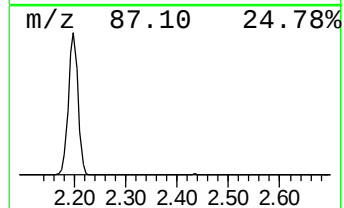
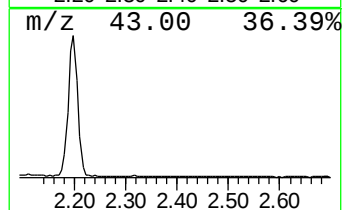
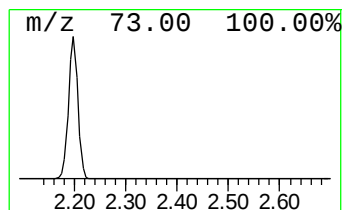
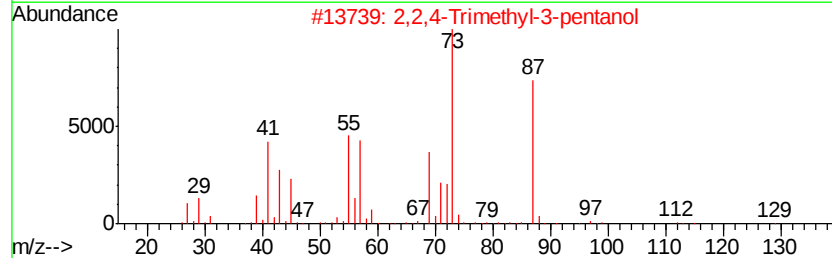
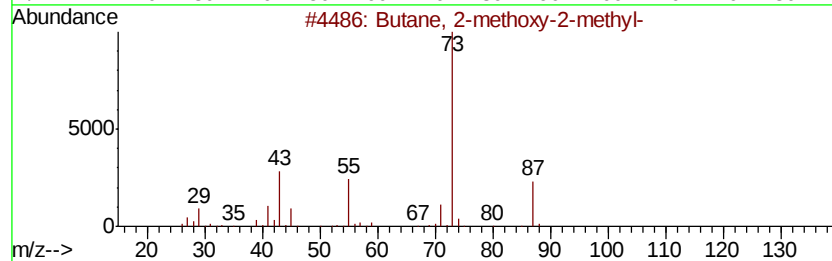
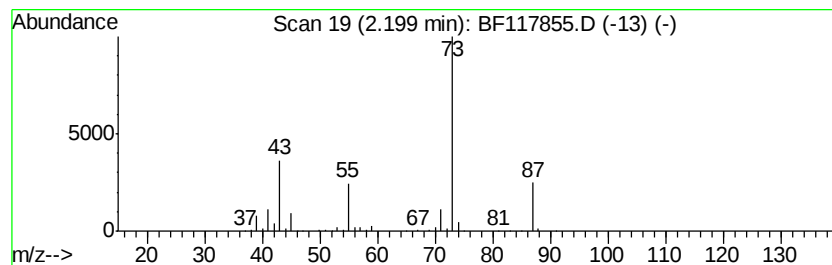
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	13.72 ng	906885	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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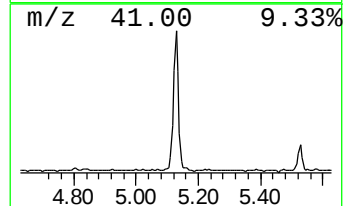
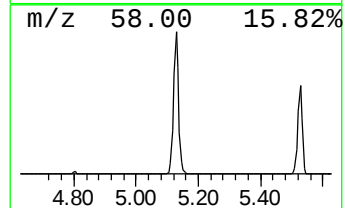
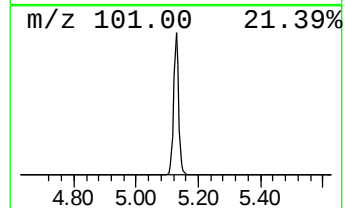
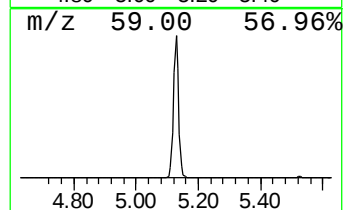
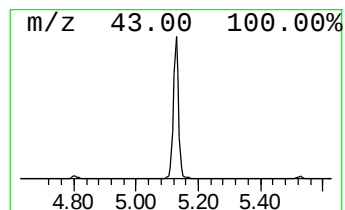
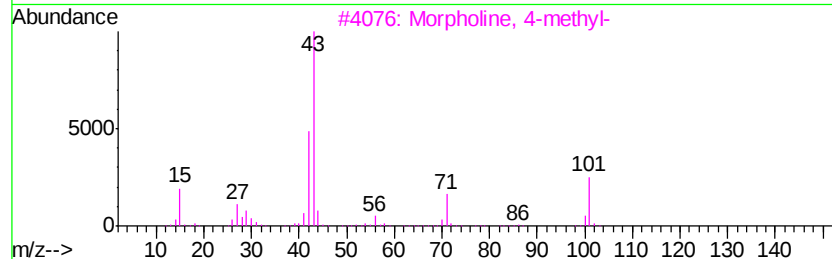
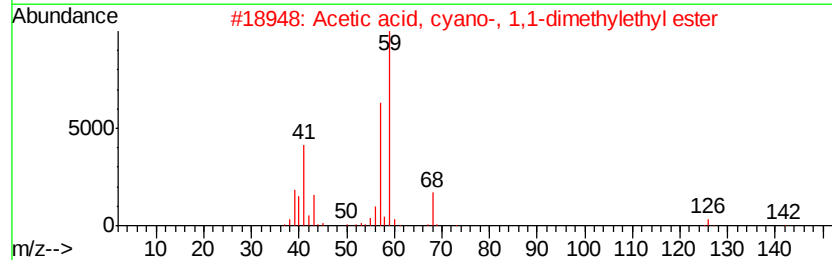
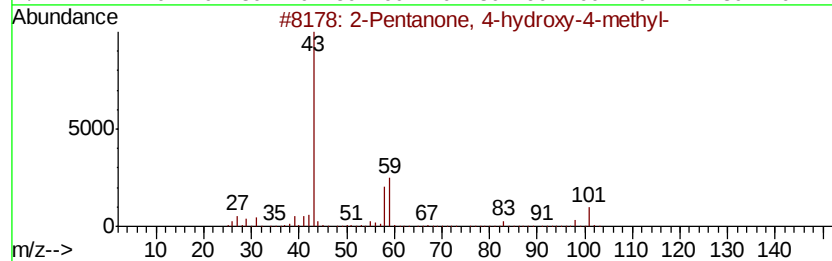
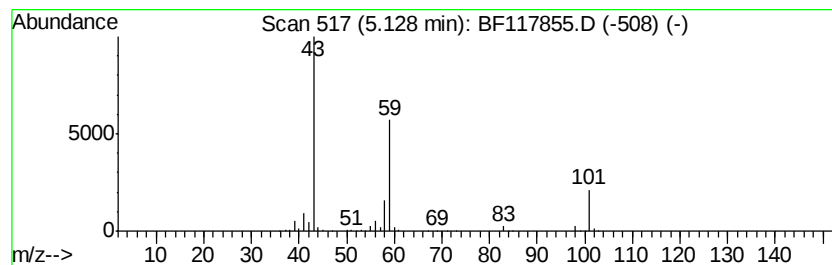
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	10.61 ng	701170	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		4-Methoxy-1-pentene	100	C6H12O	098386-09-5	9
5		Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9



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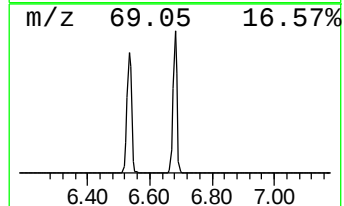
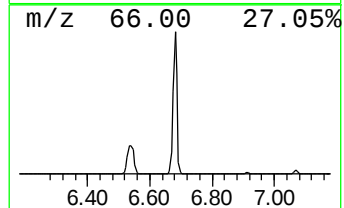
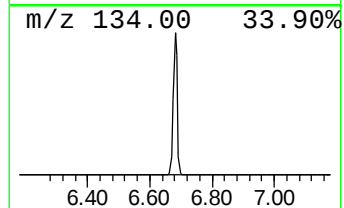
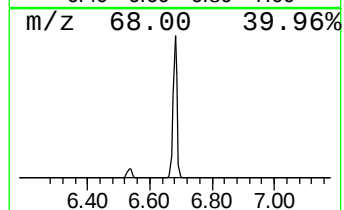
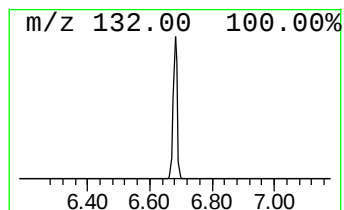
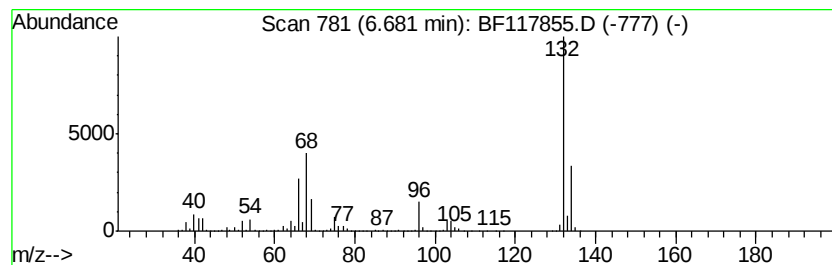
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Peak Number 3 unknown6.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	63.86 ng	4220930	1,4-Dichlorobenzene-d4	6.92

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		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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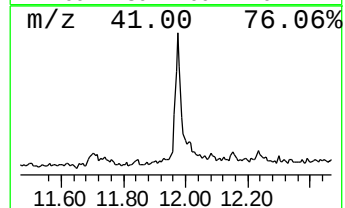
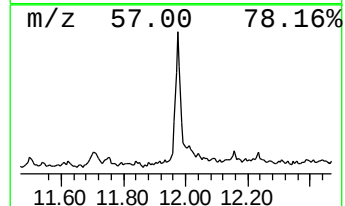
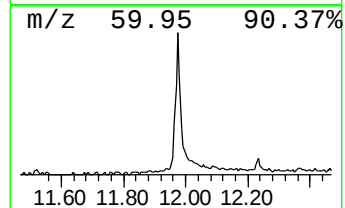
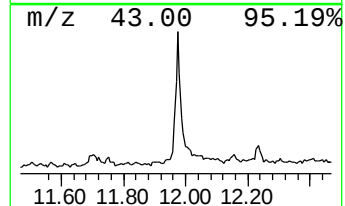
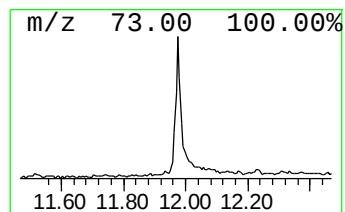
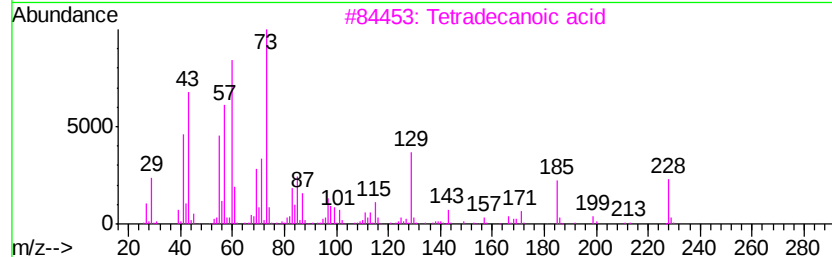
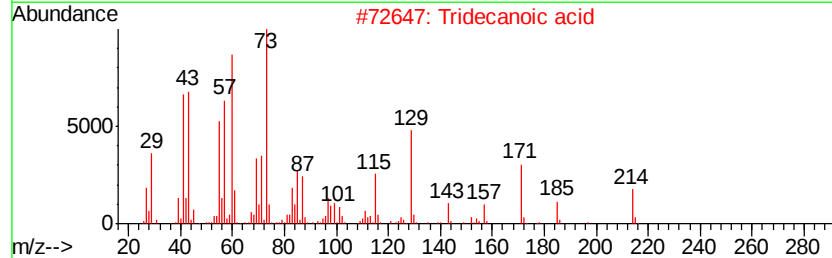
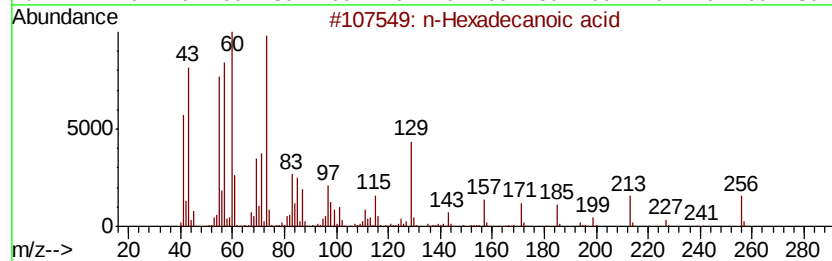
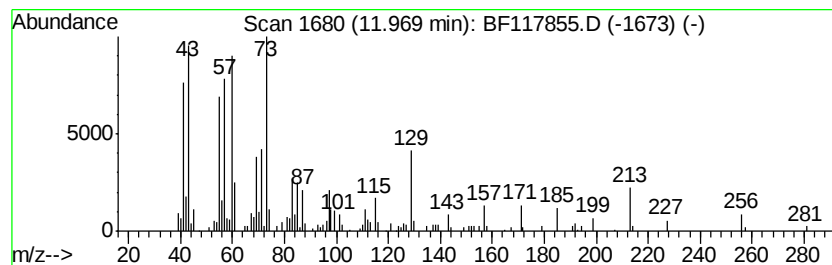
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	3.20 ng	352066	Phenanthrene-d10	11.46

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	95
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		n-Decanoic acid	172	C10H20O2	000334-48-5	46



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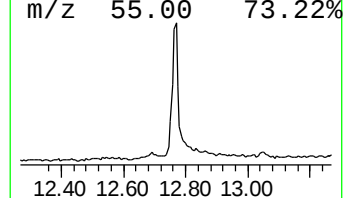
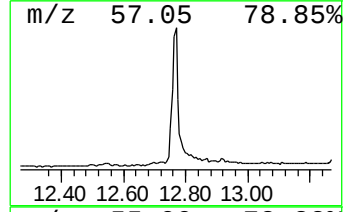
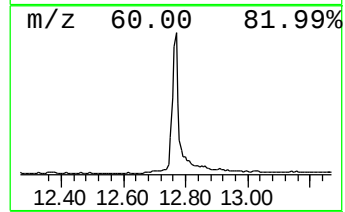
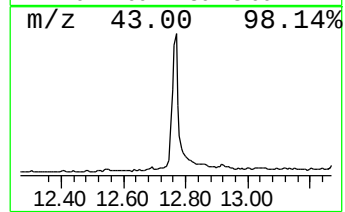
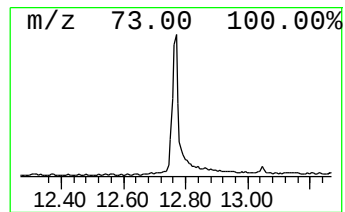
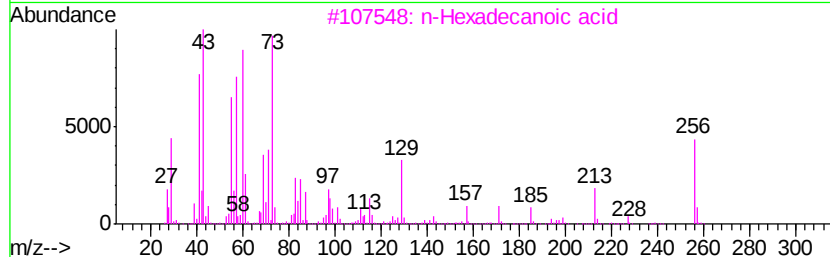
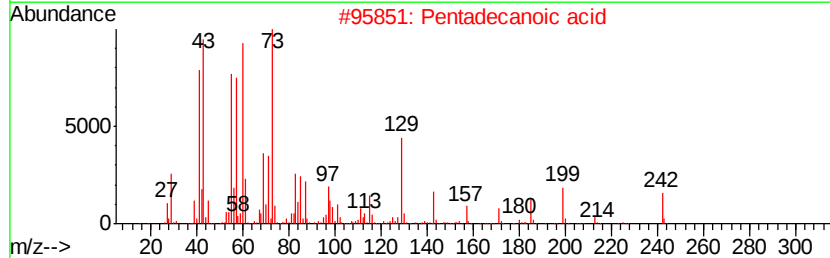
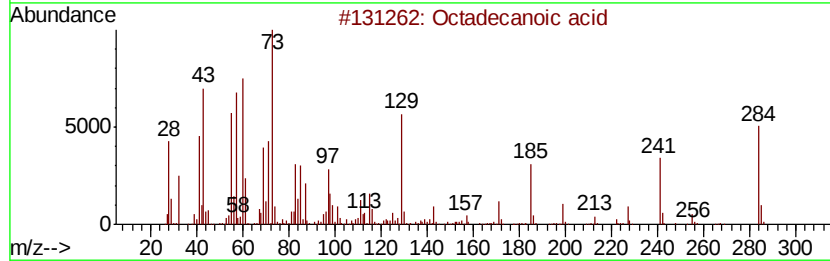
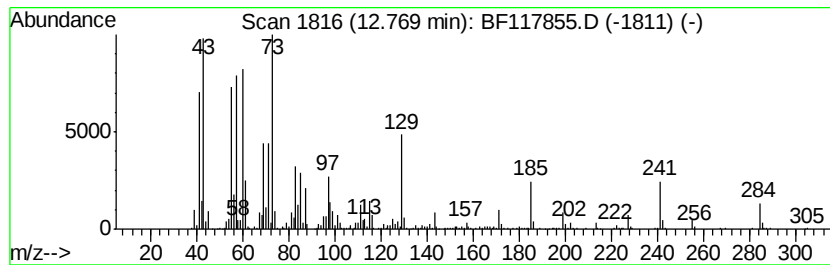
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Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	11.37 ng	1250790	Phenanthrene-d10	11.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



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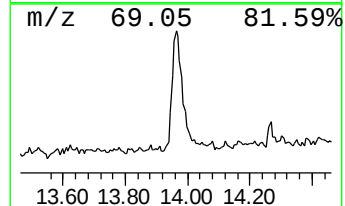
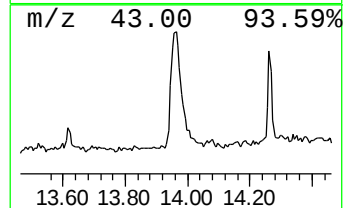
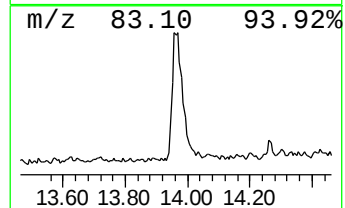
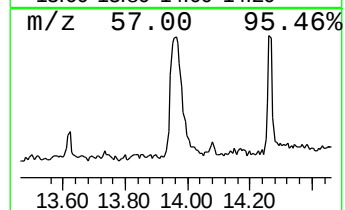
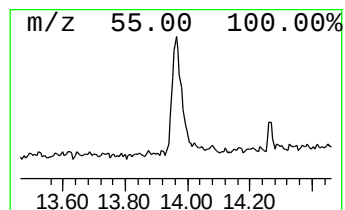
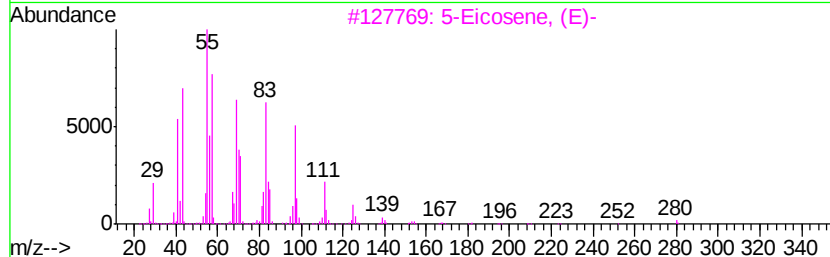
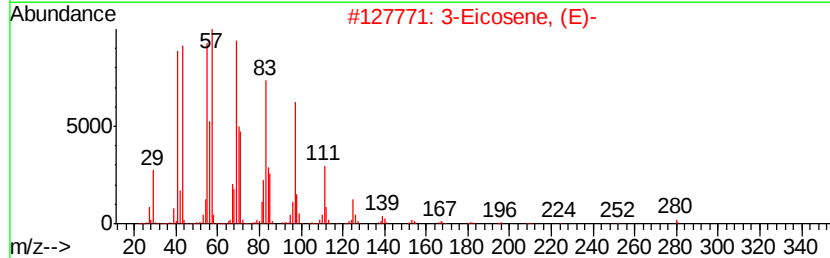
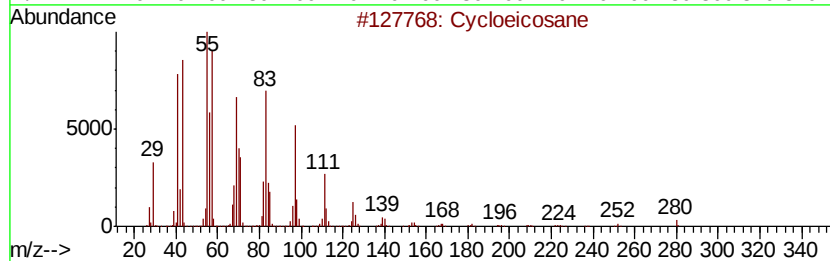
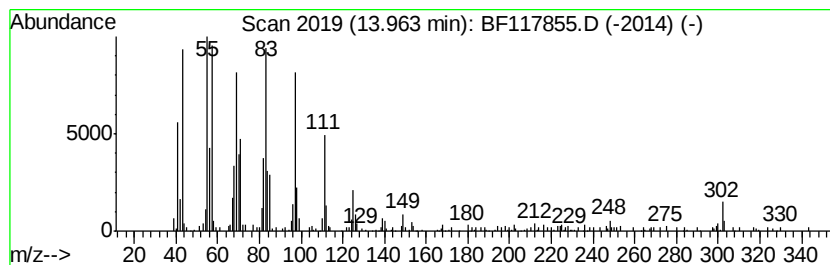
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ClientSampleId :
TP-13A-S

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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 Cycloeicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.96	6.27 ng	518885	Chrysene-d12	14.10	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	98
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	94
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117855.D
Acq On : 19 Nov 2019 13:21
Operator : JU
Sample : K5862-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-13A-S

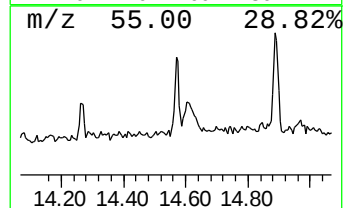
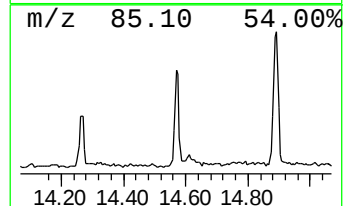
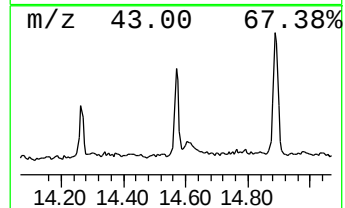
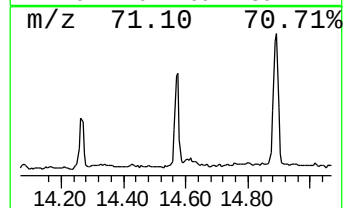
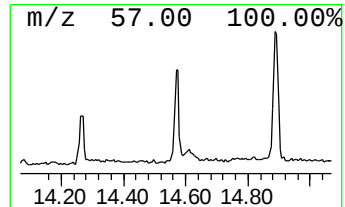
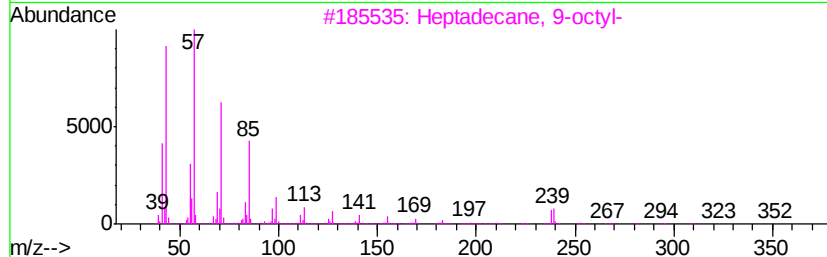
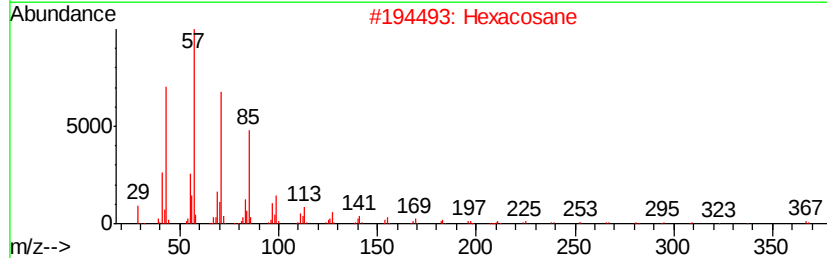
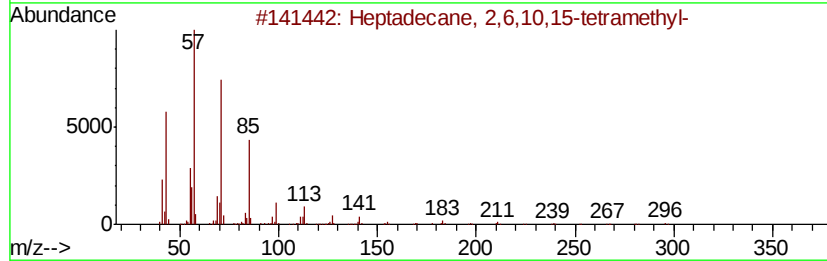
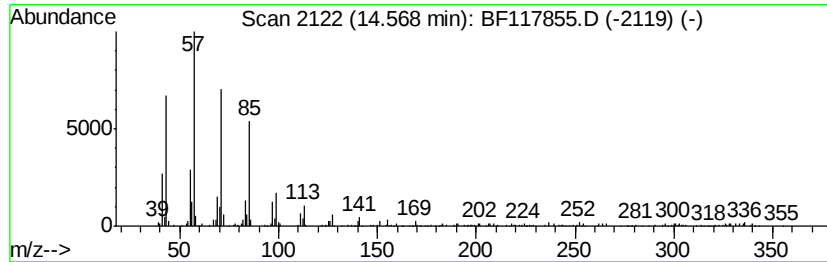
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	2.42 ng	200363	Chrysene-d12	14.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Hexacosane	366	C26H54	000630-01-3	90
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	86
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117855.D
Acq On : 19 Nov 2019 13:21
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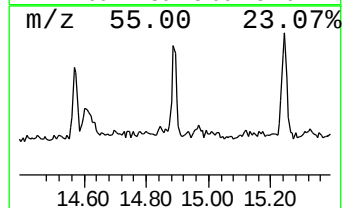
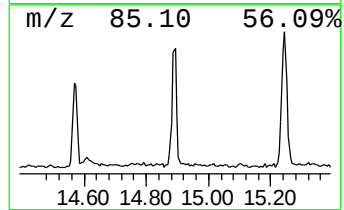
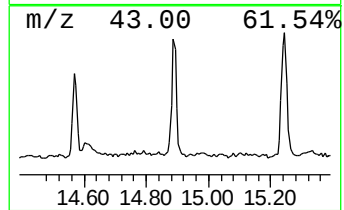
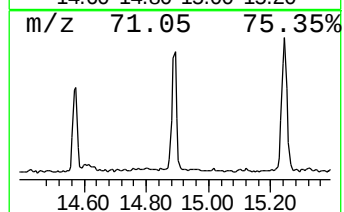
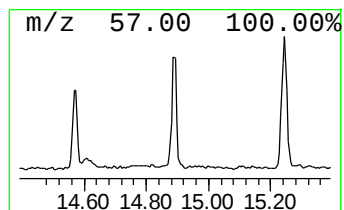
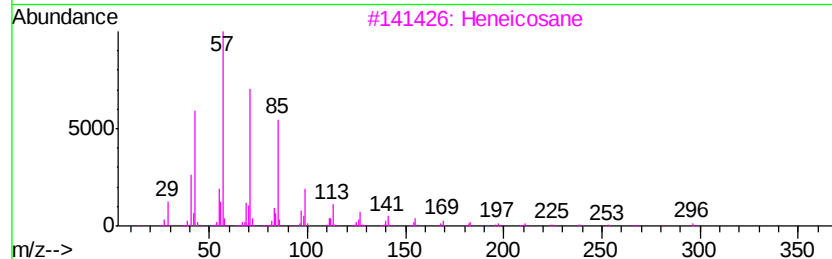
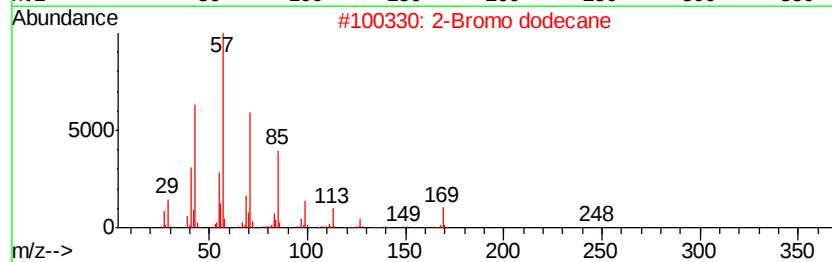
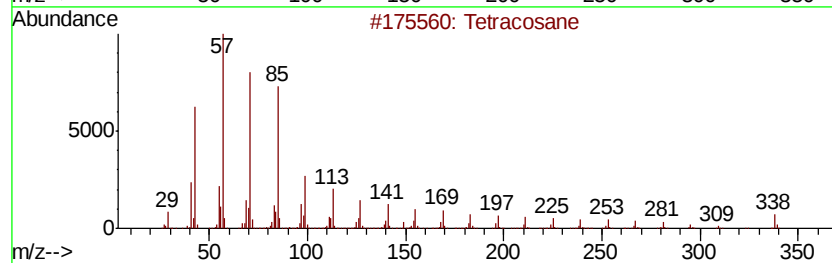
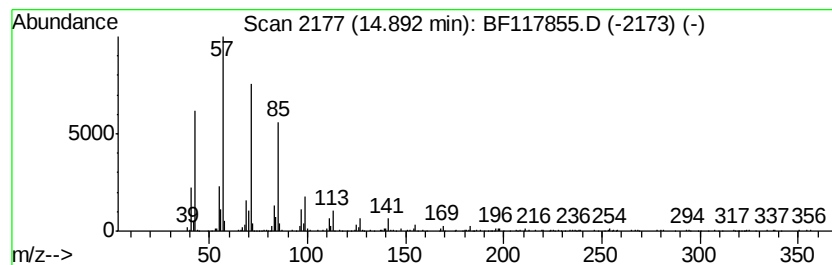
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	3.89 ng	283710	Perylene-d12	15.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	95
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117855.D
Acq On : 19 Nov 2019 13:21
Operator : JU
Sample : K5862-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-13A-S

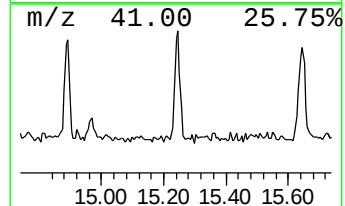
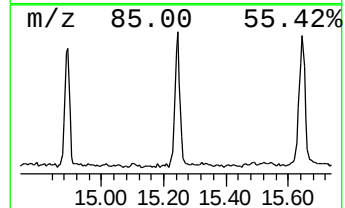
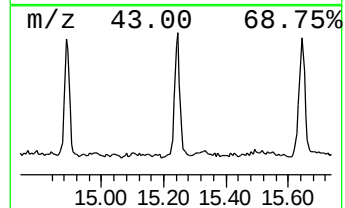
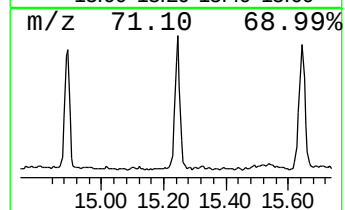
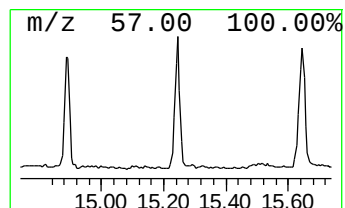
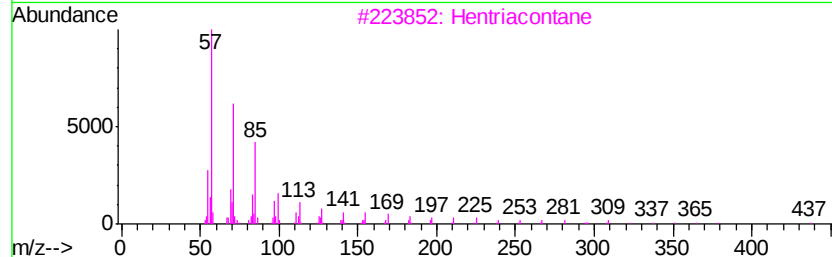
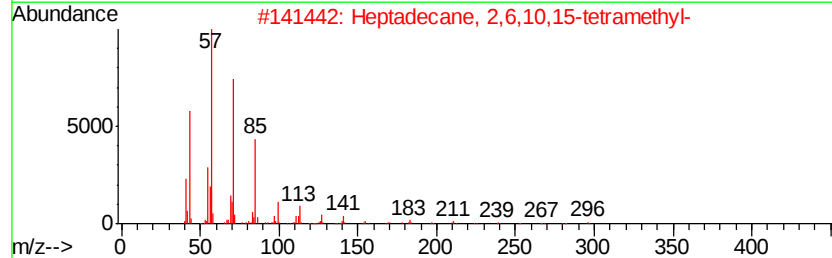
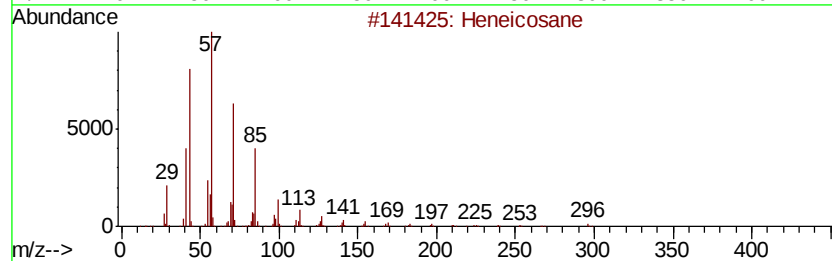
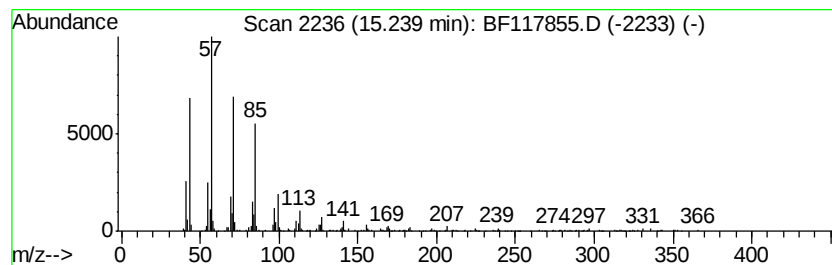
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	4.88 ng	355988	Perylene-d12	15.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	94
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3		Hentriacontane	437	C31H64	000630-04-6	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117855.D
Acq On : 19 Nov 2019 13:21
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Misc :
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Instrument :
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ClientSampleId :
TP-13A-S

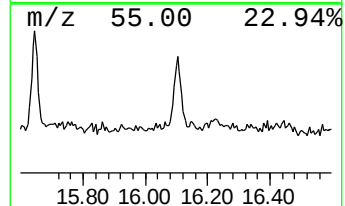
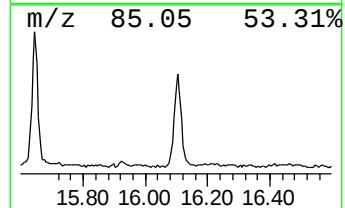
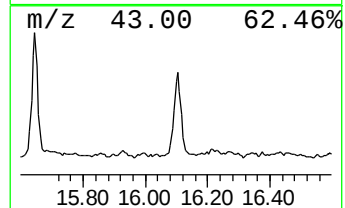
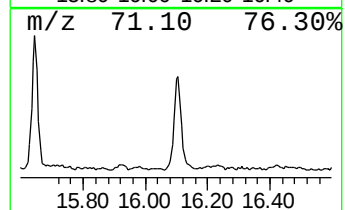
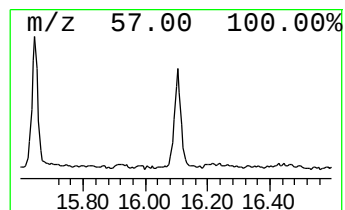
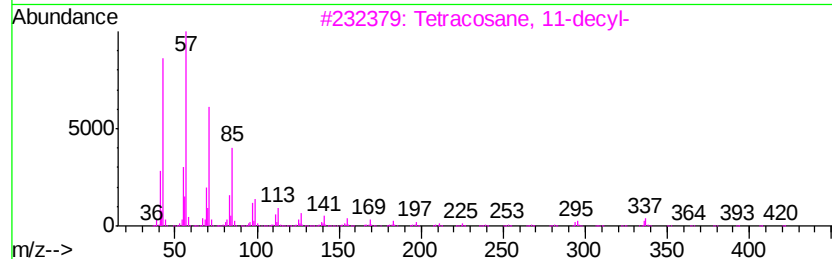
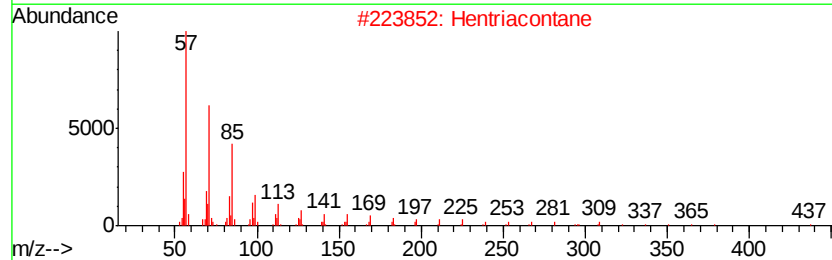
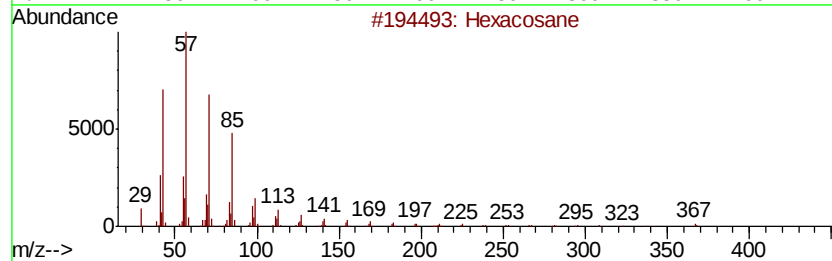
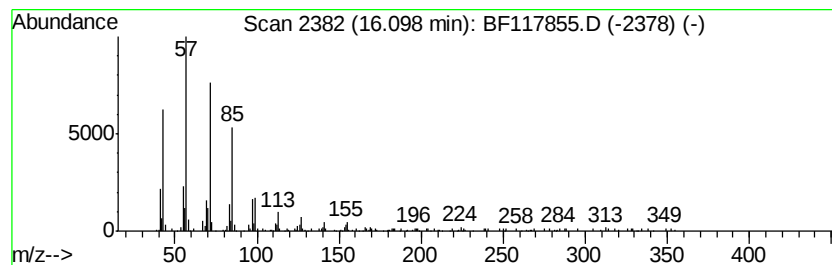
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	4.38 ng	319630	Perylene-d12	15.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Hentriacontane	437	C31H64	000630-04-6	90
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
4		Heptacosane	380	C27H56	000593-49-7	87
5		Hexatriacontane	507	C36H74	000630-06-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
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Acq On : 19 Nov 2019 13:21
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ClientSampleId :
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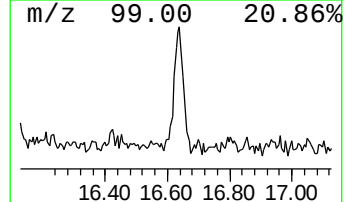
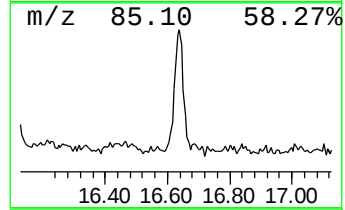
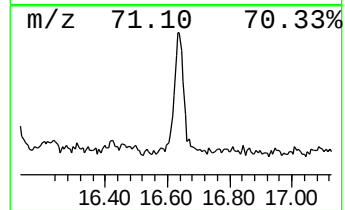
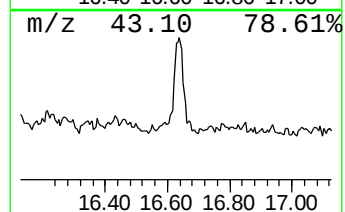
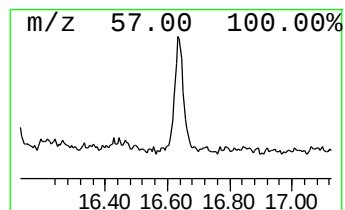
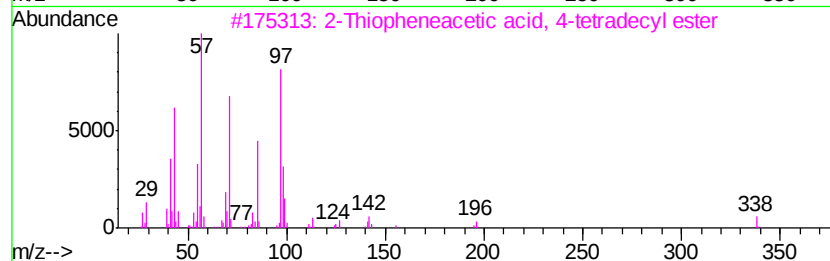
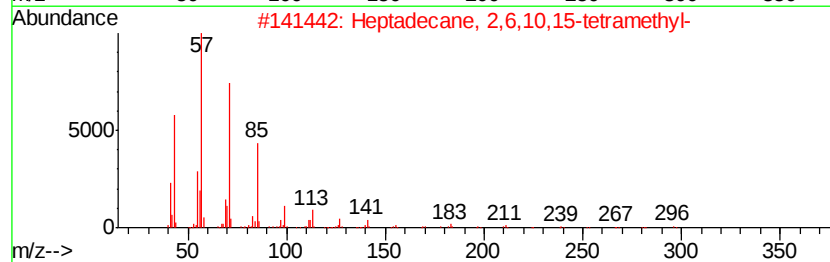
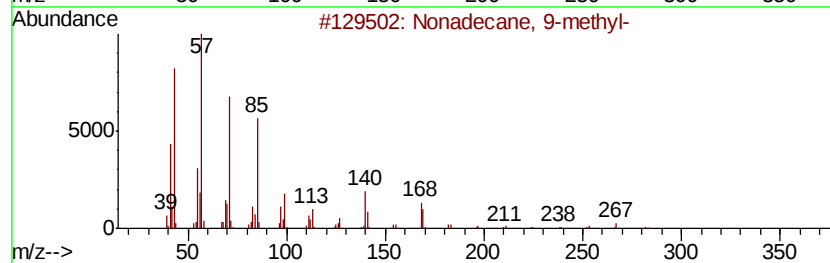
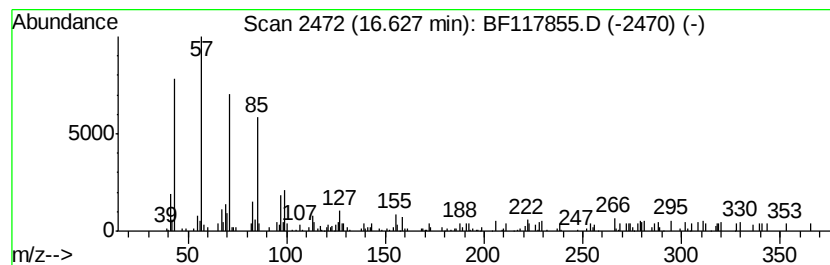
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonadecane, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	2.30 ng	167900	Perylene-d12	15.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	72
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
3		2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	64
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
5		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111919\
Data File : BF117855.D
Acq On : 19 Nov 2019 13:21
Operator : JU
Sample : K5862-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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2-Pentanone, 4-hy...	5.13	10.6	ng	701170	1	6.92	1321970	20.0
unknown6.68	6.68	63.9	ng	4220930	1	6.92	1321970	20.0
n-Hexadecanoic acid	11.97	3.2	ng	352066	4	11.46	2199760	20.0
Octadecanoic acid	12.77	11.4	ng	1250790	4	11.46	2199760	20.0
Cycloeicosane	13.96	6.3	ng	518885	5	14.10	1655270	20.0
Heptadecane, 2,6,...	14.57	2.4	ng	200363	5	14.10	1655270	20.0
Tetracosane	14.89	3.9	ng	283710	6	15.61	1459200	20.0
Heneicosane	15.24	4.9	ng	355988	6	15.61	1459200	20.0
Hexacosane	16.10	4.4	ng	319630	6	15.61	1459200	20.0
Nonadecane, 9-met...	16.63	2.3	ng	167900	6	15.61	1459200	20.0