

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113515.D
 Acq On : 2 Apr 2019 19:45
 Operator : JU/SJ
 Sample : K2180-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6S

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-BF032519.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	4.875	471	474	486	rBV	160666	226000	7.78%	0.847%
2	5.310	544	548	567	rBV	2319959	2440913	84.07%	9.150%
3	6.340	719	723	740	rBV	2542073	2628294	90.53%	9.852%
4	6.463	740	744	755	rVB	2937434	2603826	89.68%	9.760%
5	6.693	779	783	792	rBV	966338	863395	29.74%	3.236%
6	6.845	805	809	823	rBV	2267714	2030619	69.94%	7.612%
7	7.257	874	879	892	rBV	1701063	1658262	57.12%	6.216%
8	7.975	997	1001	1012	rBV	1121369	1096947	37.78%	4.112%
9	8.739	1120	1131	1149	rVB	63876	187397	6.45%	0.702%
10	9.045	1179	1183	1186	rBV	3512755	2903370	100.00%	10.883%
11	9.439	1246	1250	1255	rBV	218275	180089	6.20%	0.675%
12	9.716	1294	1297	1308	rVB	1270979	1178708	40.60%	4.418%
13	10.504	1427	1431	1445	rBV	1752486	1684945	58.03%	6.316%
14	11.198	1545	1549	1552	rBV	1234565	1065304	36.69%	3.993%
15	11.733	1637	1640	1650	rBV2	82942	112148	3.86%	0.420%
16	12.410	1752	1755	1758	rBV	69449	64751	2.23%	0.243%
17	12.633	1790	1793	1796	rVB	71556	63739	2.20%	0.239%
18	12.780	1813	1818	1821	rBV	2434362	2247479	77.41%	8.425%
19	13.686	1968	1972	1985	rBV5	71703	219588	7.56%	0.823%
20	13.827	1992	1996	2000	rBV	1068261	1022287	35.21%	3.832%
21	13.998	2022	2025	2028	rVB	58276	48442	1.67%	0.182%
22	14.304	2074	2077	2080	rVB	99365	94462	3.25%	0.354%
23	14.598	2123	2127	2131	rBV	144487	147645	5.09%	0.553%
24	14.839	2165	2168	2170	rBV	50007	56474	1.95%	0.212%
25	14.904	2176	2179	2183	rVB	163732	167161	5.76%	0.627%
26	15.116	2213	2215	2221	rVB	41740	47952	1.65%	0.180%
27	15.174	2222	2225	2230	rBV	51318	57392	1.98%	0.215%
28	15.233	2230	2235	2242	rBV	920690	1260612	43.42%	4.725%
29	15.651	2301	2306	2311	rBV	128430	193145	6.65%	0.724%
30	16.104	2378	2383	2389	rBV2	75481	126252	4.35%	0.473%

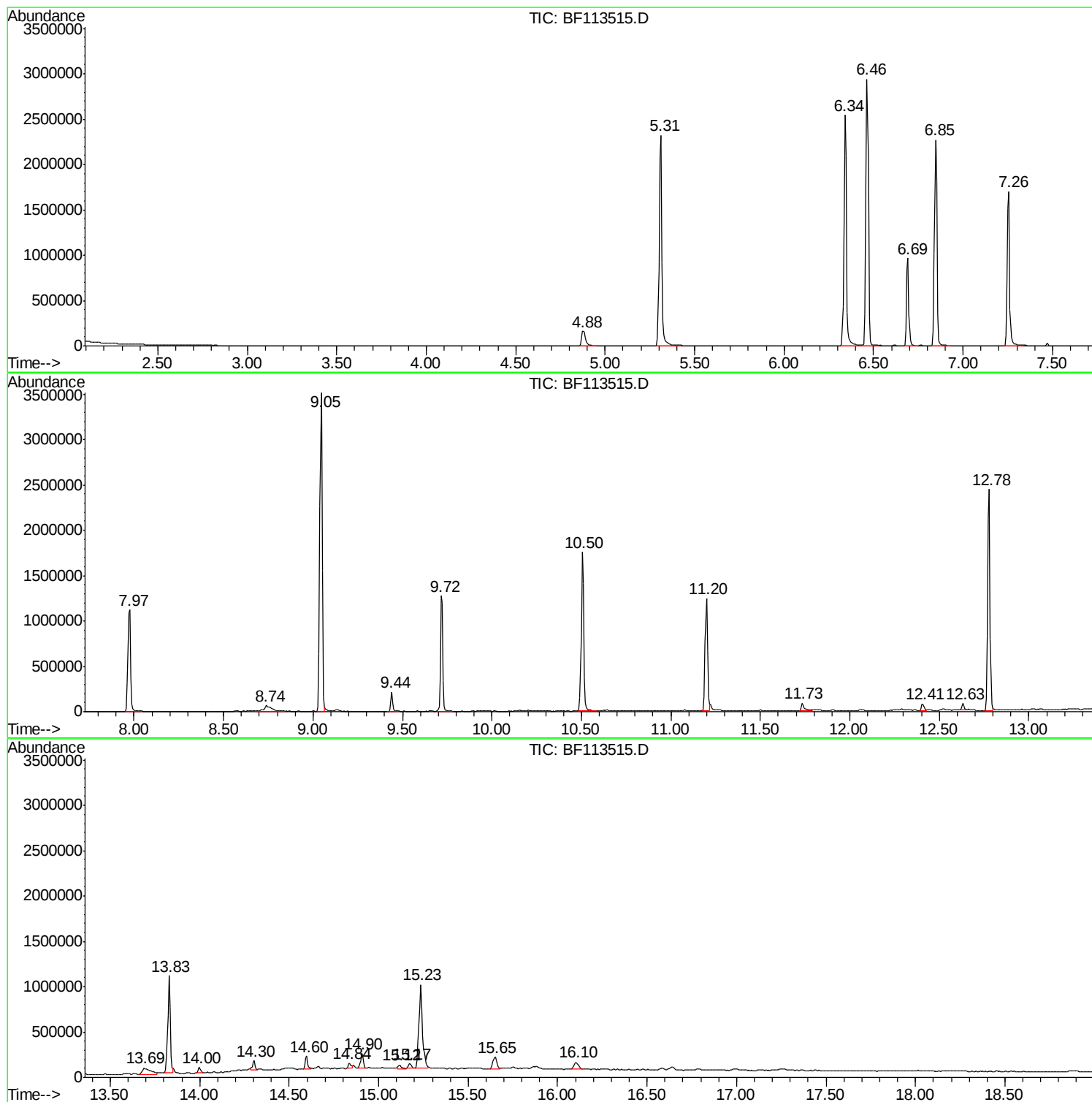
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Misc :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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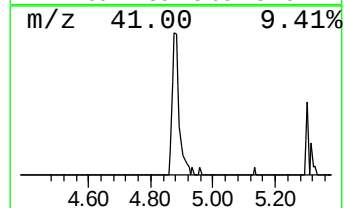
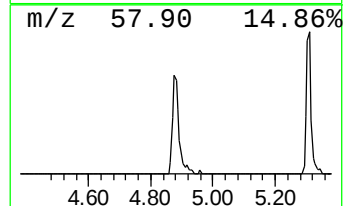
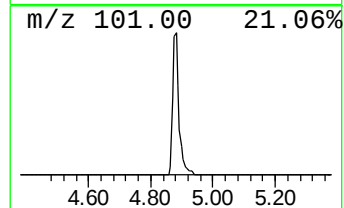
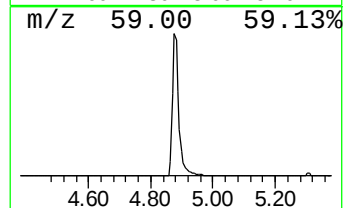
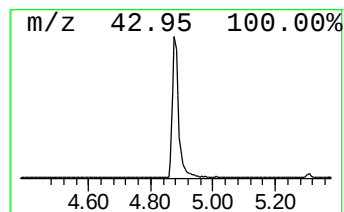
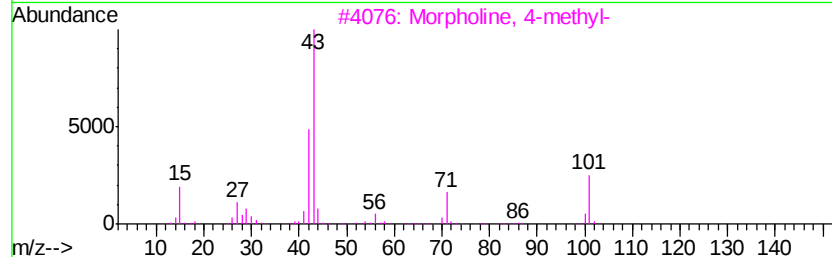
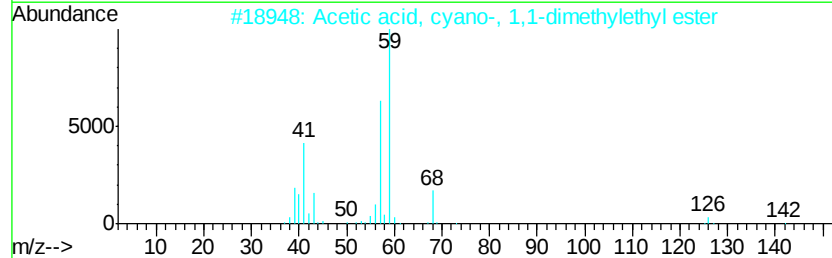
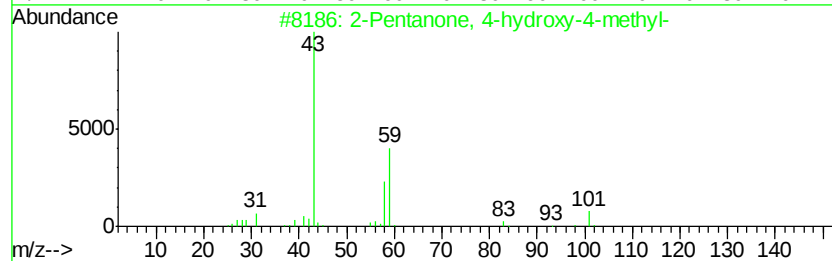
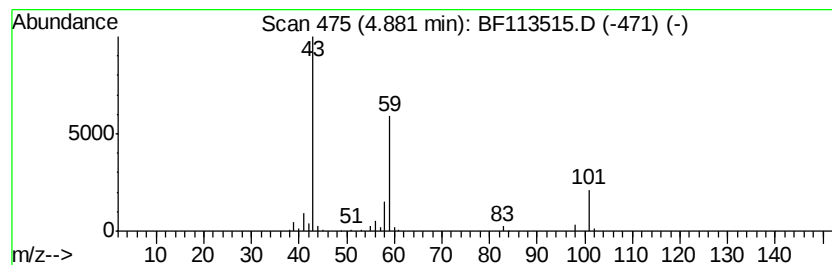
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown4.88 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	5.24 ng	226000	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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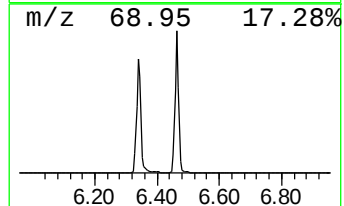
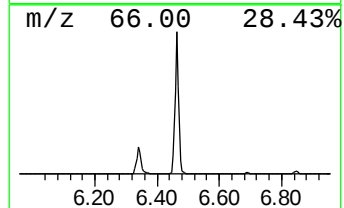
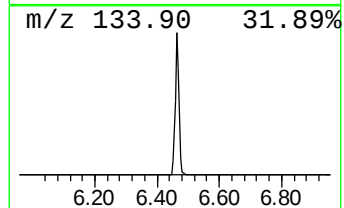
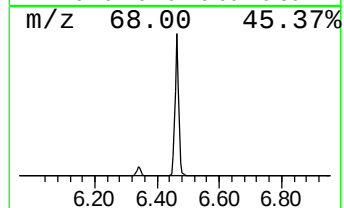
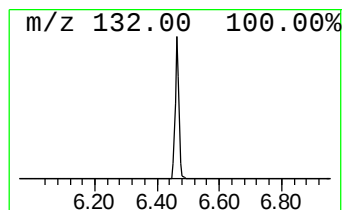
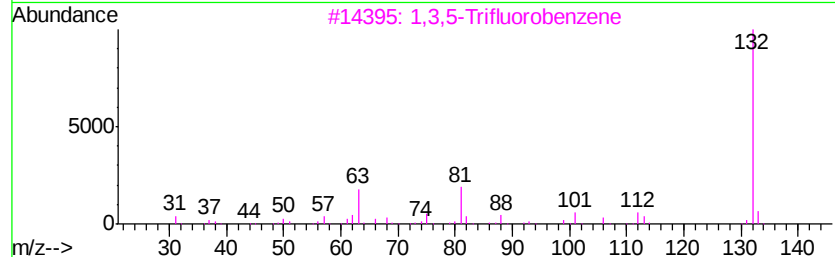
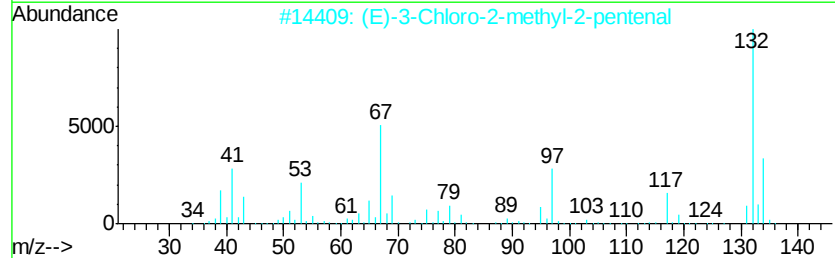
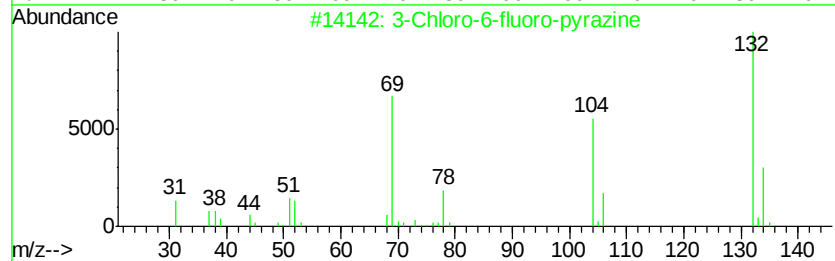
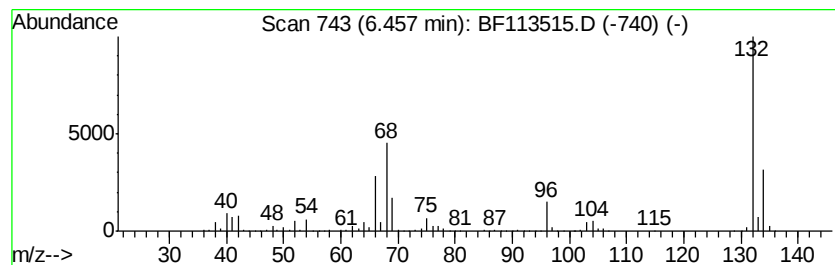
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Peak Number 2 unknown6.46 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	60.32 ng	2603830	1,4-Dichlorobenzene-d4	6.69

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		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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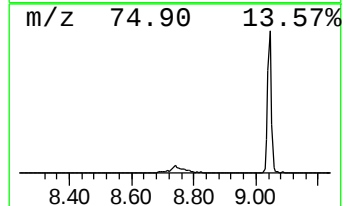
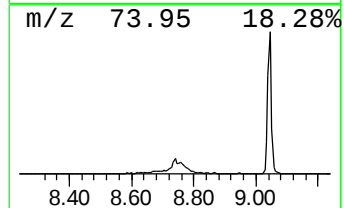
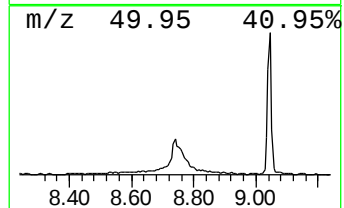
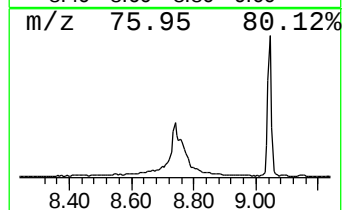
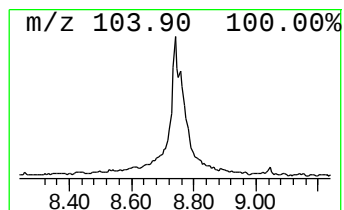
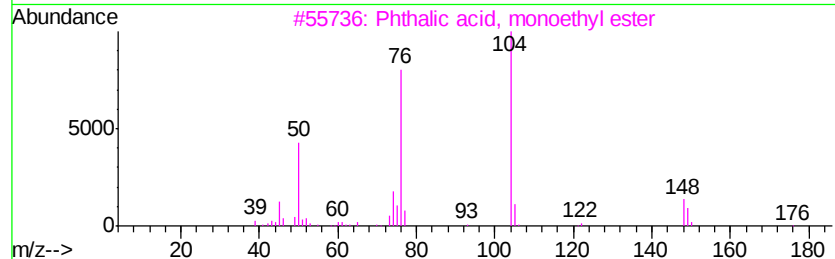
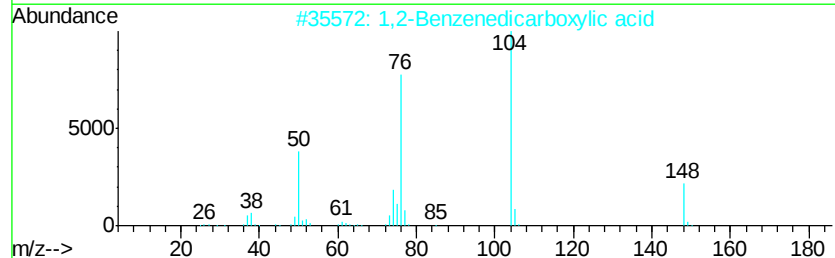
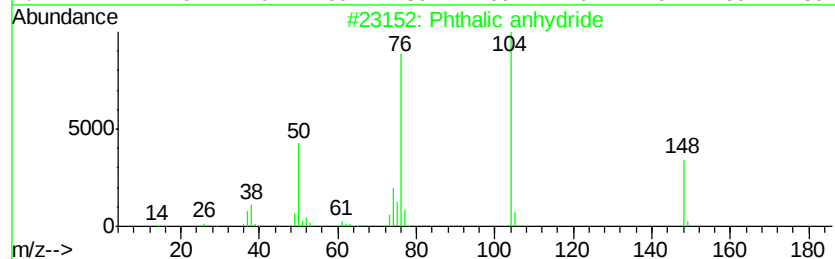
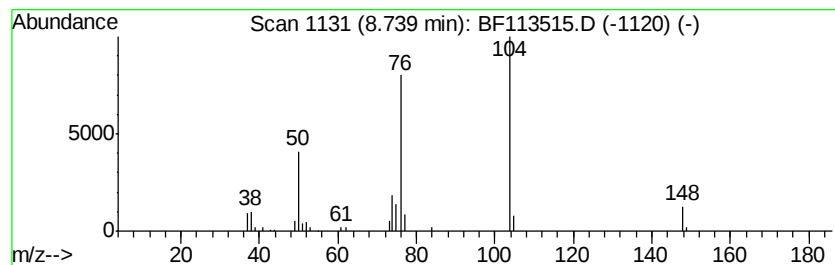
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Peak Number 4 Phthalic anhydride Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	3.42 ng	187397	Naphthalene-d8	7.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phthalic anhydride	148	C8H4O3	000085-44-9	95
2		1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	90
3		Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	90
4		Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	86
5		Phthalamic acid	165	C8H7NO3	000088-97-1	83



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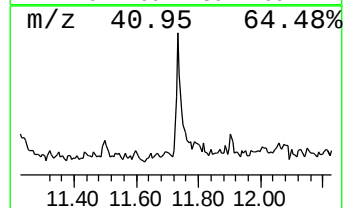
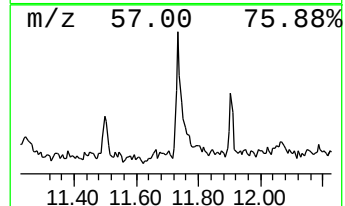
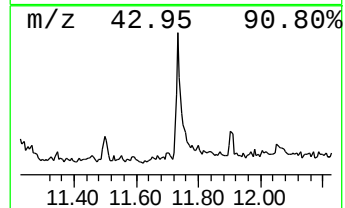
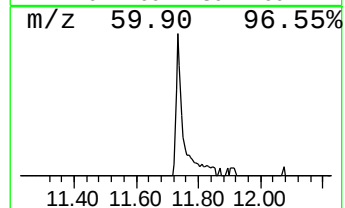
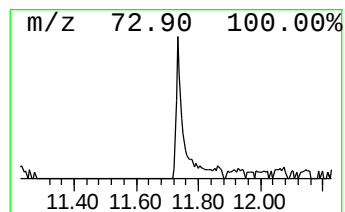
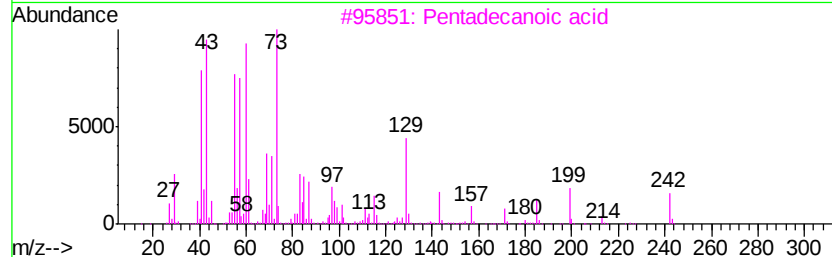
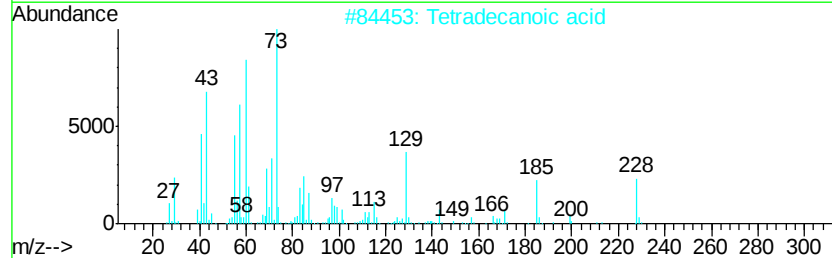
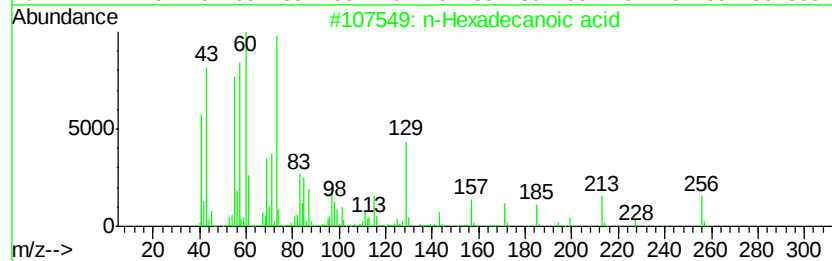
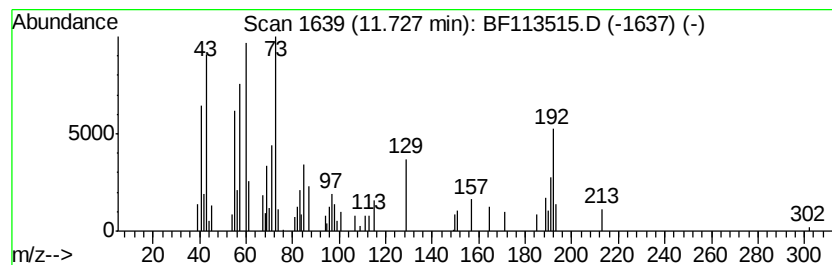
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	2.11 ng	112148	Phenanthrene-d10	11.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4		Octadecanoic acid	284	C18H36O2	000057-11-4	72
5		Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	11



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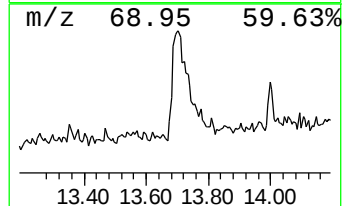
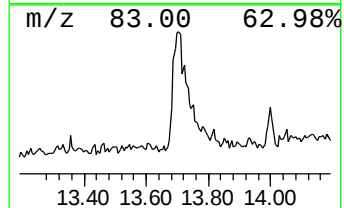
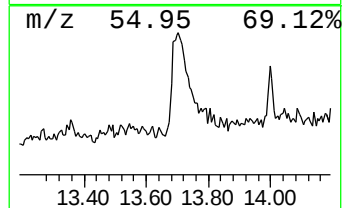
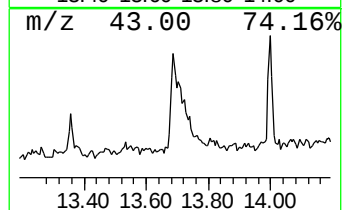
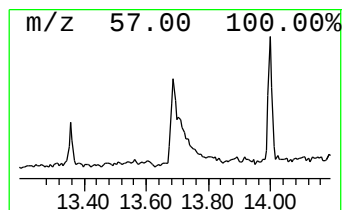
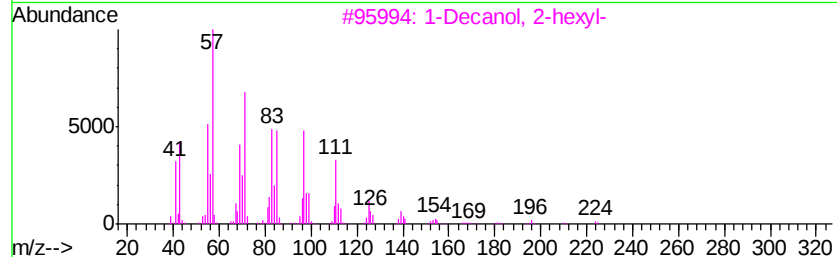
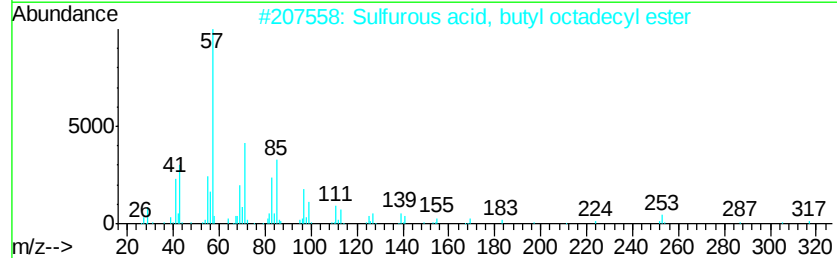
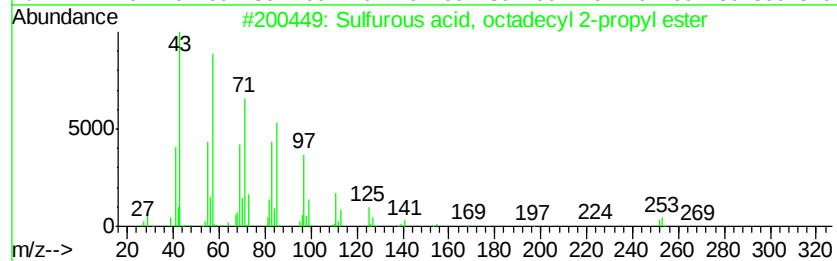
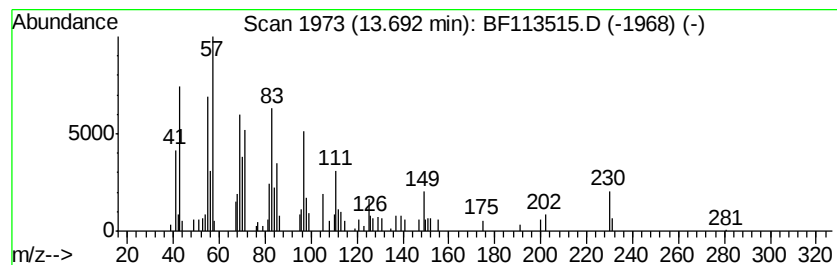
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Peak Number 6 Sulfurous acid, octadecyl 2... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.69	4.30 ng	219588	Chrysene-d12	13.83		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	74
2		Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	72
3		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	68
4		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	68
5		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	64



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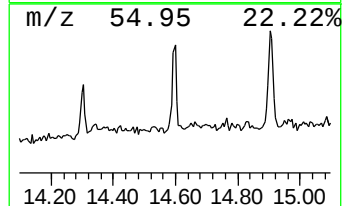
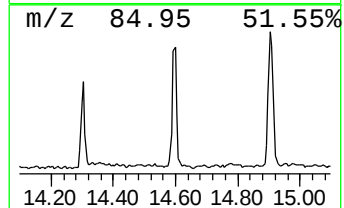
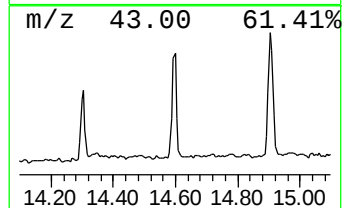
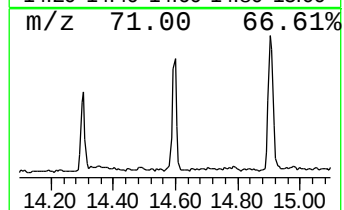
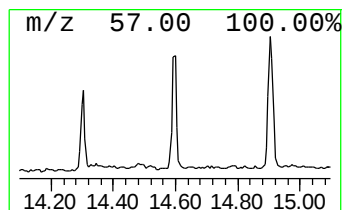
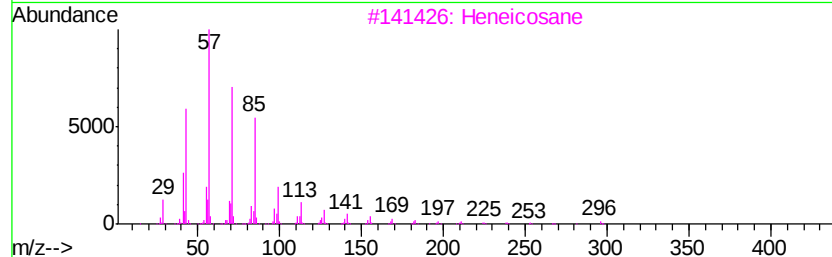
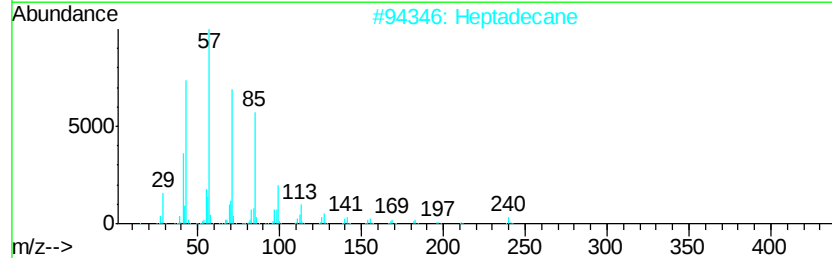
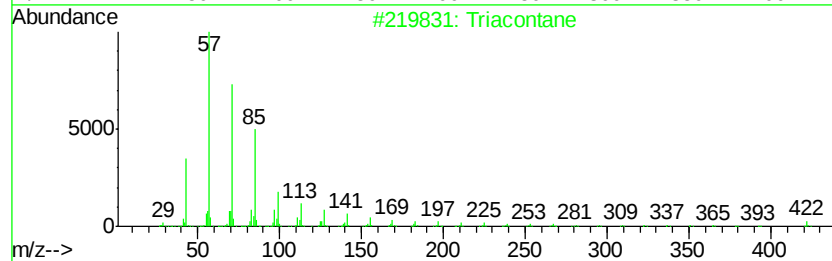
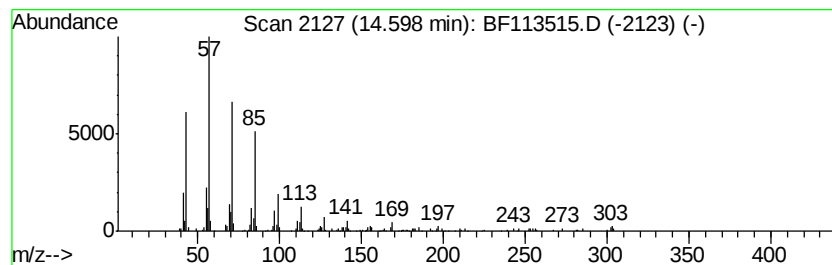
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Triacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.34 ng	147645	Perylene-d12	15.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Triacontane	422	C30H62	000638-68-6	87
2		Heptadecane	240	C17H36	000629-78-7	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Eicosane, 2-methyl-	296	C21H44	001560-84-5	86
5		Hexacosane	366	C26H54	000630-01-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113515.D
Acq On : 2 Apr 2019 19:45
Operator : JU/SJ
Sample : K2180-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

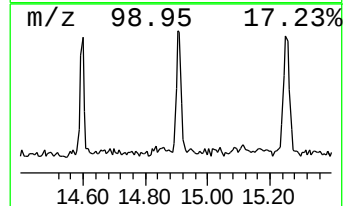
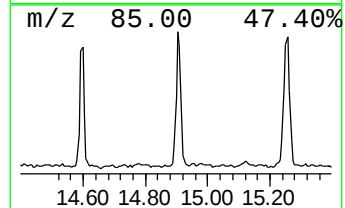
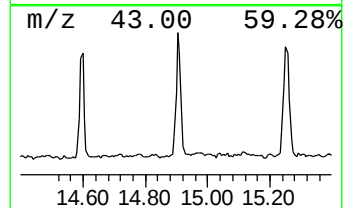
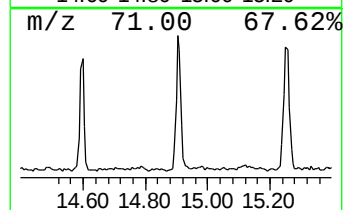
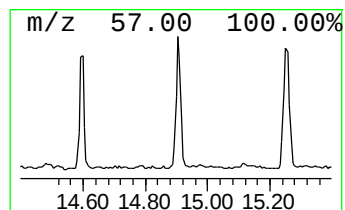
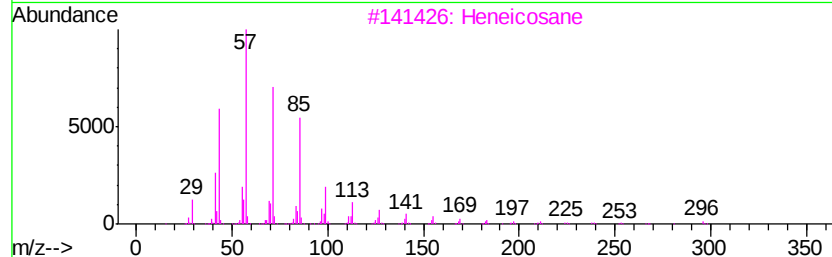
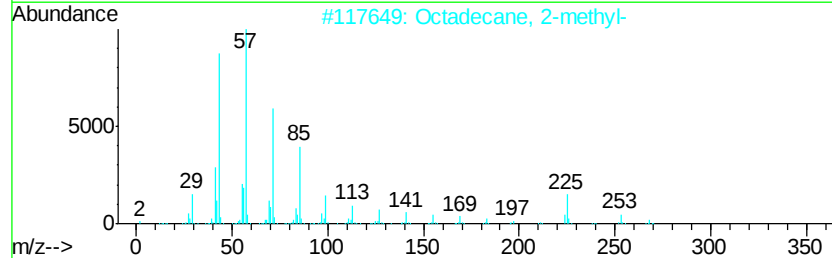
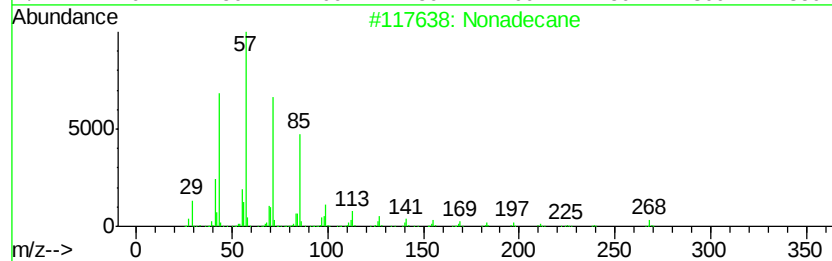
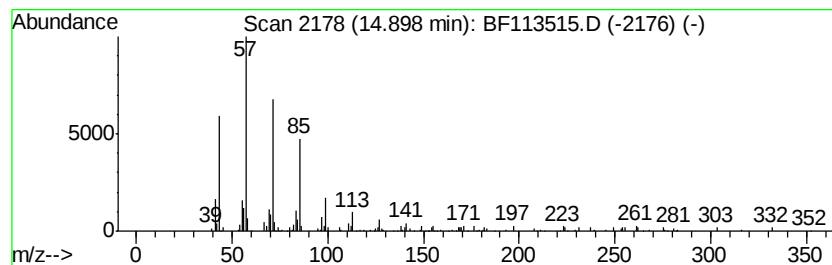
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ClientSampleId :
TP-6S

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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 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.90	2.65 ng	167161	Perylene-d12		15.23
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113515.D
Acq On : 2 Apr 2019 19:45
Operator : JU/SJ
Sample : K2180-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6S

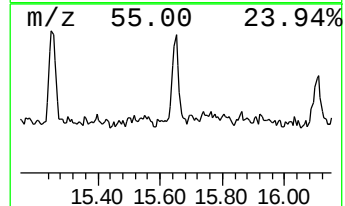
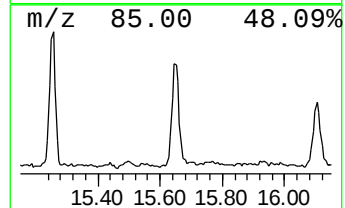
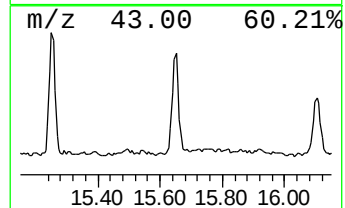
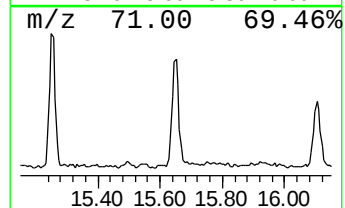
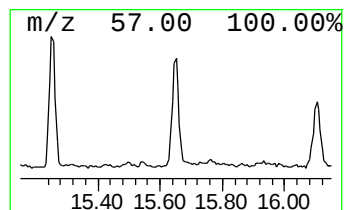
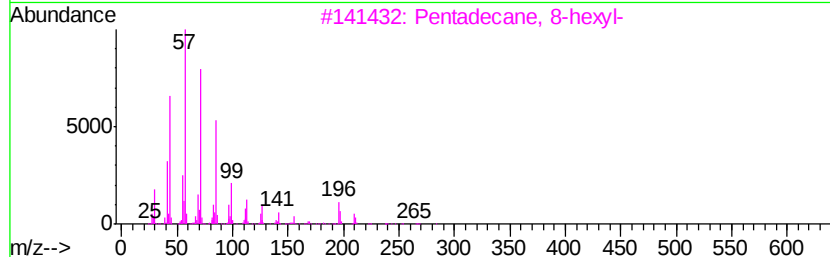
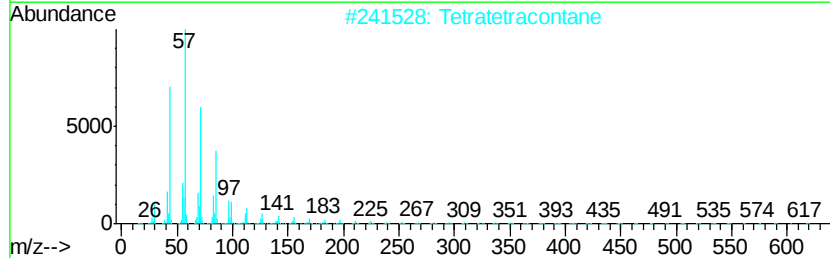
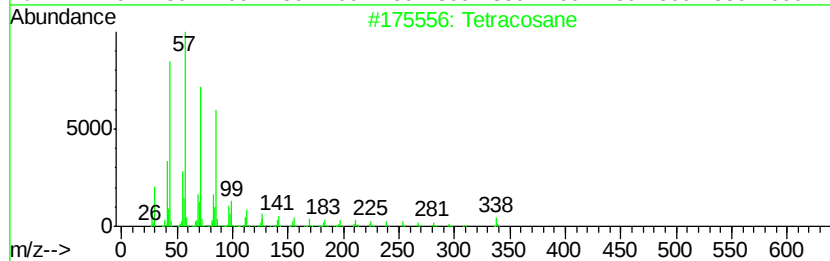
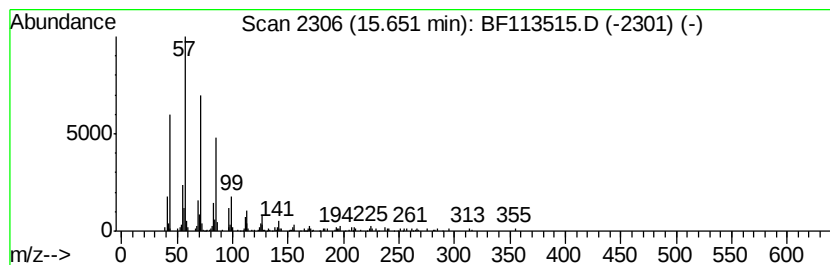
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	3.06 ng	193145	Perylene-d12	15.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane		338	C24H50	000646-31-1	91
2	Tetratetracontane		619	C44H90	007098-22-8	90
3	Pentadecane, 8-hexyl-		296	C21H44	013475-75-7	87
4	Heneicosane, 11-decyl-		437	C31H64	055320-06-4	87
5	Hentriacontane		437	C31H64	000630-04-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113515.D
Acq On : 2 Apr 2019 19:45
Operator : JU/SJ
Sample : K2180-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6S

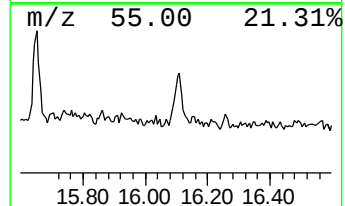
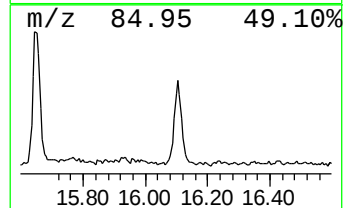
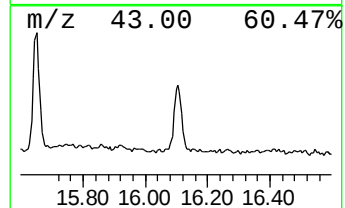
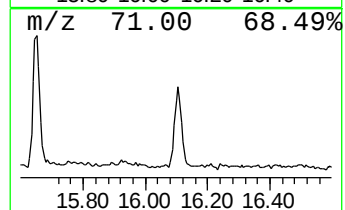
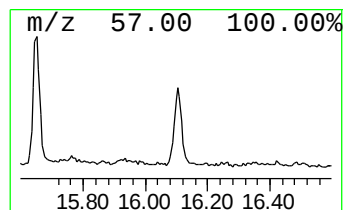
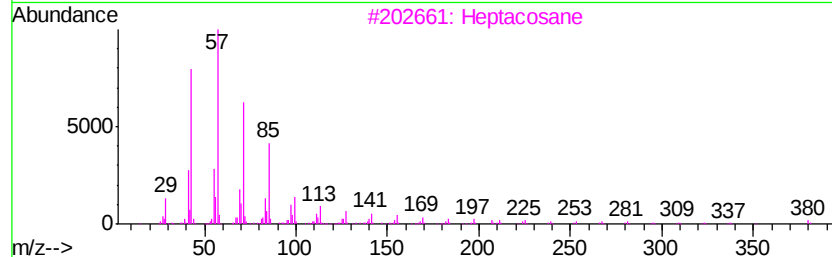
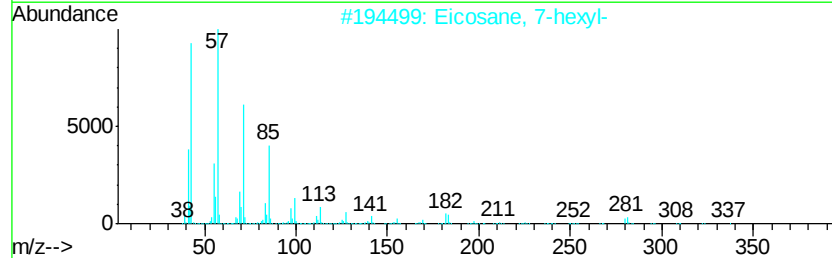
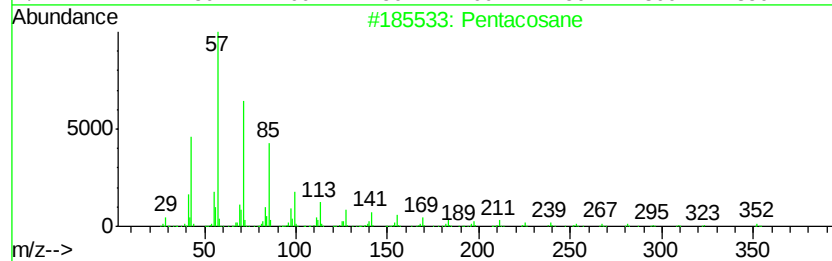
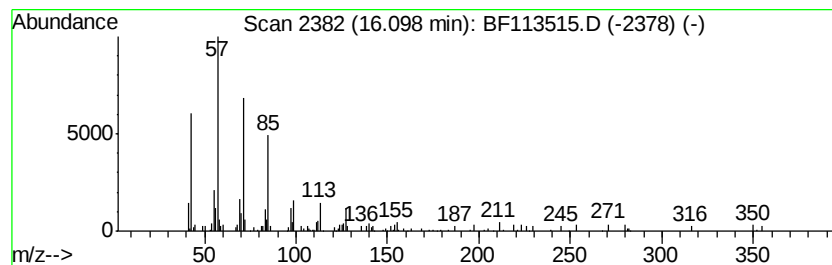
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	2.00 ng	126252	Perylene-d12	15.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane		352	C25H52	000629-99-2	94
2	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	91
3	Heptacosane		380	C27H56	000593-49-7	87
4	Hexadecane		226	C16H34	000544-76-3	87
5	2-methyloctacosane		408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113515.D
Acq On : 2 Apr 2019 19:45
Operator : JU/SJ
Sample : K2180-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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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unknown6.46	6.46	60.3	ng	2603830	1	6.69	863395	20.0
Phthalic anhydride	8.74	3.4	ng	187397	2	7.97	1096950	20.0
n-Hexadecanoic acid	11.73	2.1	ng	112148	4	11.20	1065300	20.0
Sulfurous acid, o...	13.69	4.3	ng	219588	5	13.83	1022290	20.0
triacontane	14.60	2.3	ng	147645	6	15.23	1260610	20.0
Nonadecane	14.90	2.6	ng	167161	6	15.23	1260610	20.0
Tetracosane	15.65	3.1	ng	193145	6	15.23	1260610	20.0
Pentacosane	16.10	2.0	ng	126252	6	15.23	1260610	20.0