

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
 Data File : BF111607.D
 Acq On : 19 Dec 2018 23:06
 Operator : JU/SJ
 Sample : J6475-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE

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-BF121918.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	2.205	16	20	25	rVB	52127	66945	1.86%	0.203%
2	2.434	55	59	68	rBV	46224	86867	2.42%	0.263%
3	5.110	510	514	521	rVB	160020	200415	5.58%	0.607%
4	5.516	577	583	586	rBV	3188611	3153474	87.76%	9.555%
5	5.845	636	639	643	rVB	761993	620389	17.27%	1.880%
6	6.516	748	753	757	rBV	3686923	3593155	100.00%	10.887%
7	6.663	773	778	781	rBV	3811379	3298365	91.80%	9.994%
8	6.892	814	817	821	rBV	1348405	1046446	29.12%	3.171%
9	7.051	840	844	847	rVB	3057487	2451284	68.22%	7.428%
10	7.445	907	911	915	rBV	2132802	1989979	55.38%	6.030%
11	8.175	1031	1035	1038	rBV	1676852	1337362	37.22%	4.052%
12	9.251	1213	1218	1221	rVB	3532243	3233581	89.99%	9.798%
13	9.339	1228	1233	1237	rBV3	35010	47209	1.31%	0.143%
14	9.639	1281	1284	1286	rBV	259480	215533	6.00%	0.653%
15	9.928	1329	1333	1337	rVB2	1745818	1403466	39.06%	4.253%
16	10.710	1462	1466	1470	rBV	2556358	2134143	59.39%	6.467%
17	11.410	1581	1585	1588	rBV	1653629	1341476	37.33%	4.065%
18	11.433	1588	1589	1591	rVB	96181	44783	1.25%	0.136%
19	11.933	1671	1674	1678	rVB2	112861	106967	2.98%	0.324%
20	12.022	1686	1689	1692	rBV4	41507	50799	1.41%	0.154%
21	12.504	1769	1771	1775	rVB2	39529	41060	1.14%	0.124%
22	12.616	1788	1790	1793	rBV	101444	99396	2.77%	0.301%
23	12.845	1826	1829	1832	rBV	97219	71145	1.98%	0.216%
24	12.992	1850	1854	1857	rBV	3061051	2548183	70.92%	7.721%
25	13.233	1892	1895	1899	rBV2	78471	76247	2.12%	0.231%
26	13.574	1950	1953	1955	rBV	109422	95263	2.65%	0.289%
27	13.892	2003	2007	2008	rBV2	136970	162087	4.51%	0.491%
28	14.039	2028	2032	2035	rBV	1298520	1246511	34.69%	3.777%
29	14.216	2059	2062	2067	rBV	130484	125523	3.49%	0.380%
30	14.521	2111	2114	2117	rVB	178734	151529	4.22%	0.459%
31	14.833	2163	2167	2173	rBV	160173	194802	5.42%	0.590%
32	15.080	2206	2209	2213	rBV	44100	77420	2.15%	0.235%
33	15.174	2222	2225	2230	rVB	138806	174458	4.86%	0.529%
34	15.515	2277	2283	2287	rVV	907307	1142838	31.81%	3.463%

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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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35	15.563	2288	2291	2298	rVB	111868	160937	4.48%	0.488%
36	16.010	2363	2367	2373	rBV	77255	120494	3.35%	0.365%
37	16.527	2451	2455	2463	rVB5	48349	92216	2.57%	0.279%

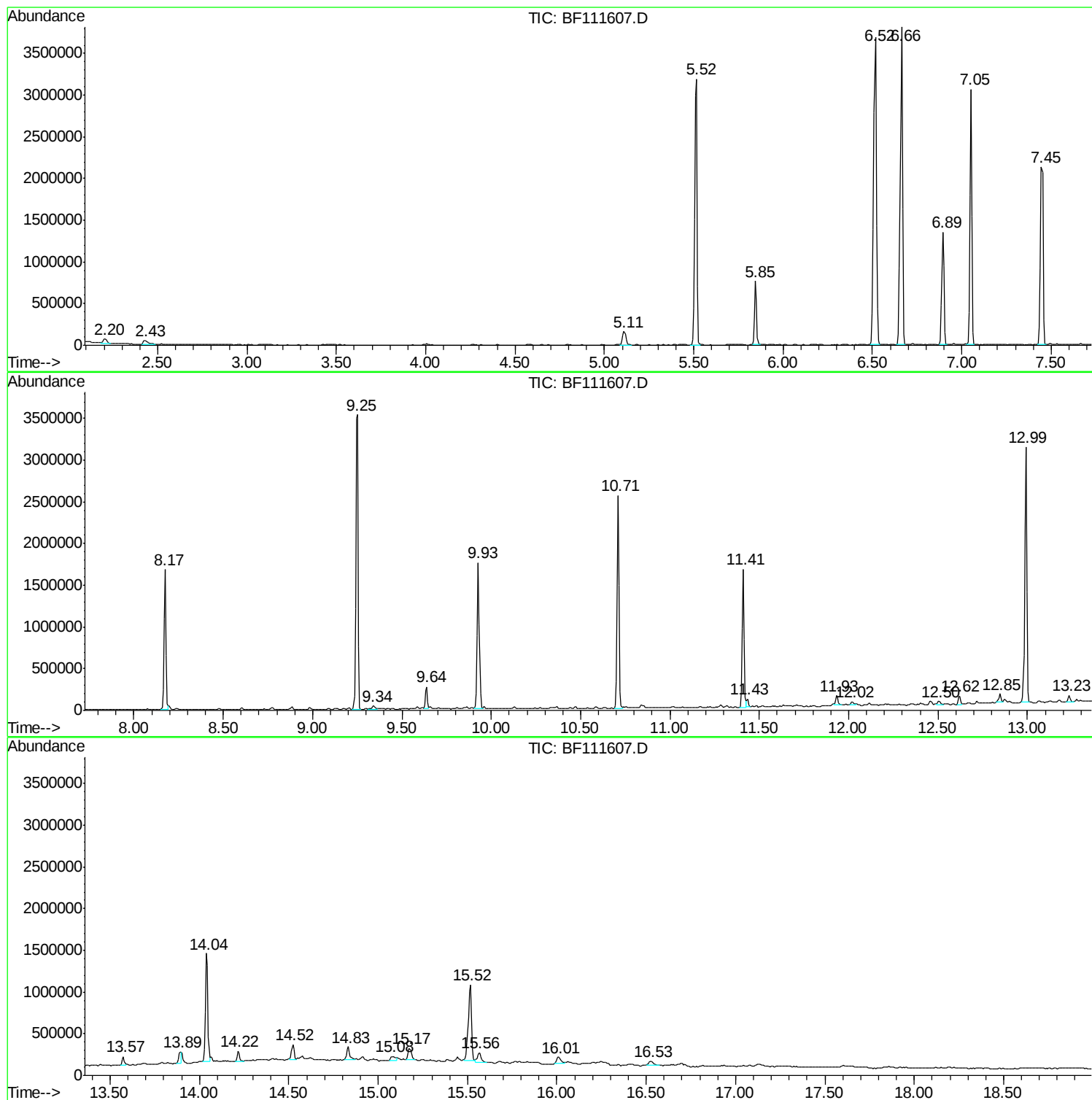
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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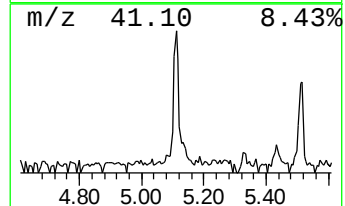
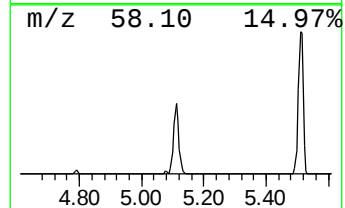
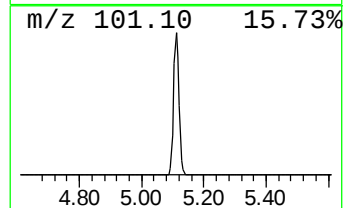
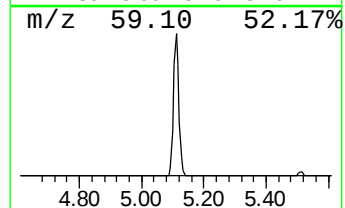
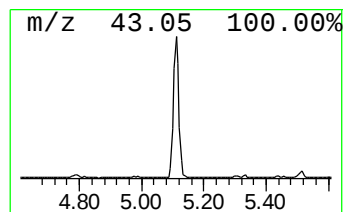
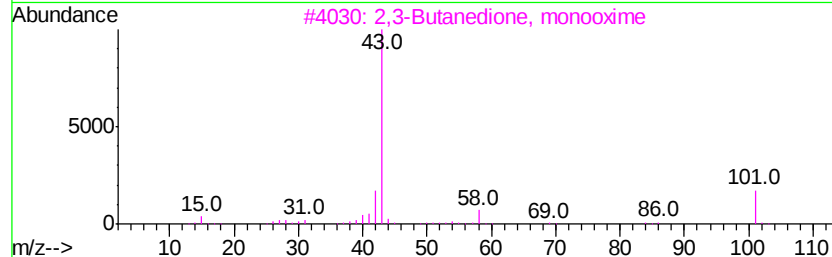
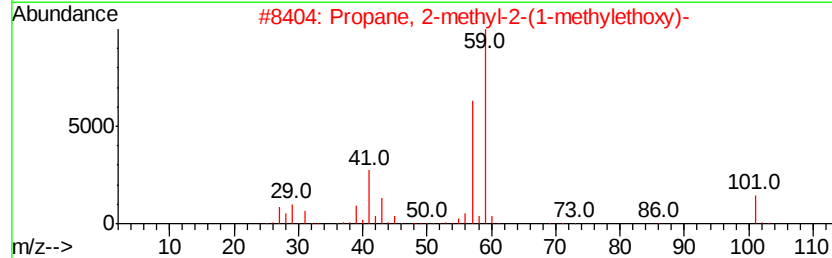
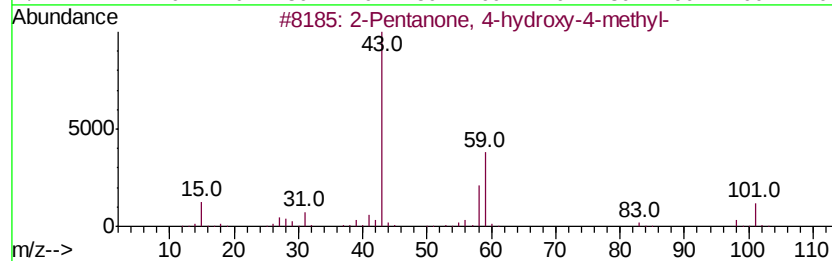
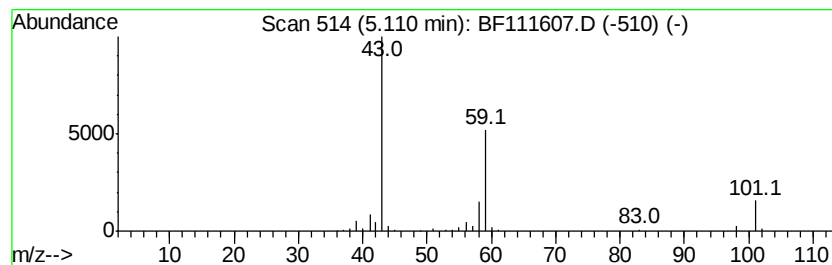
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	3.83 ng	200415	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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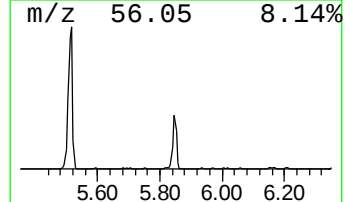
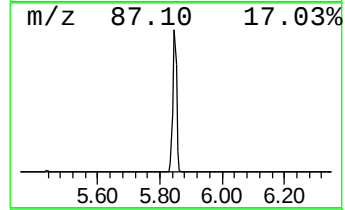
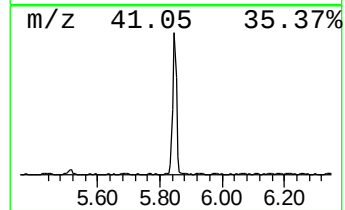
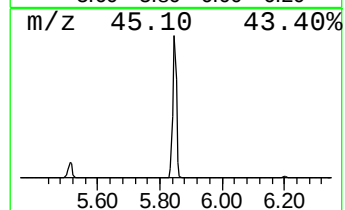
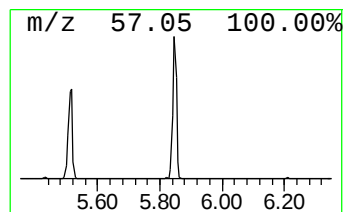
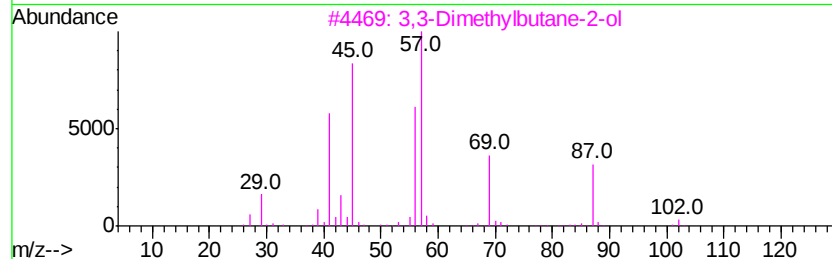
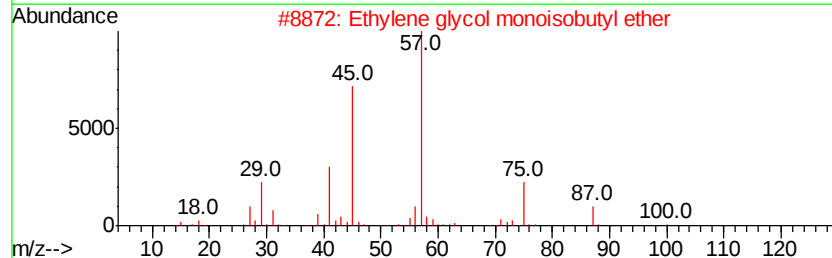
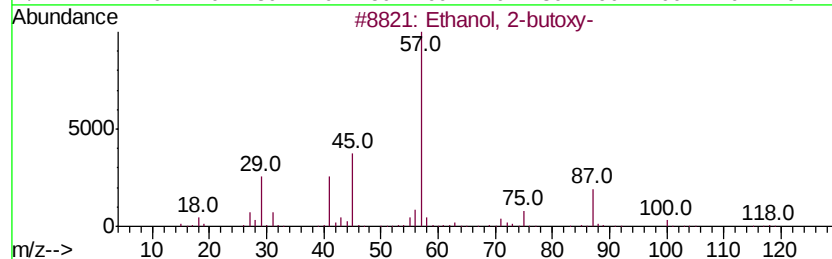
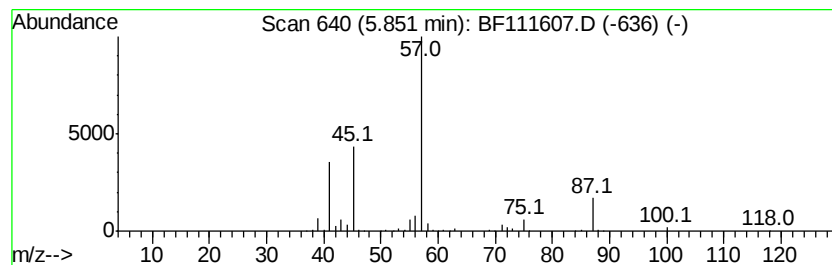
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Ethanol, 2-butoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.85	11.86 ng	620389	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	59
2		Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	50
3		3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	36
4		Isobutyl ether	130	C8H18O	000628-55-7	12
5		n-Butyl ether	130	C8H18O	000142-96-1	12



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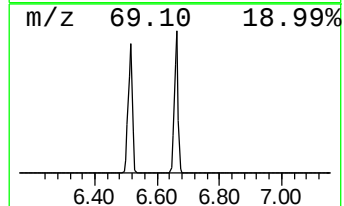
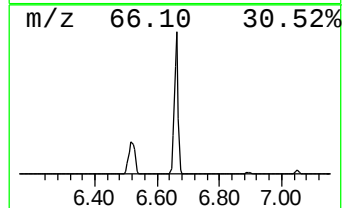
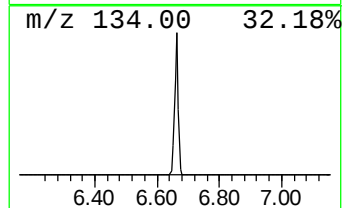
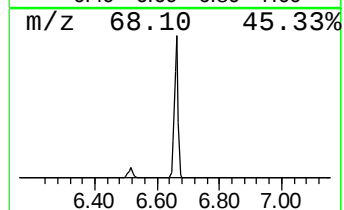
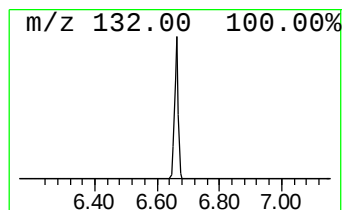
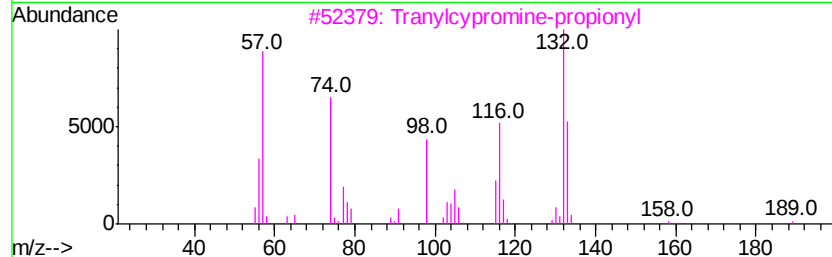
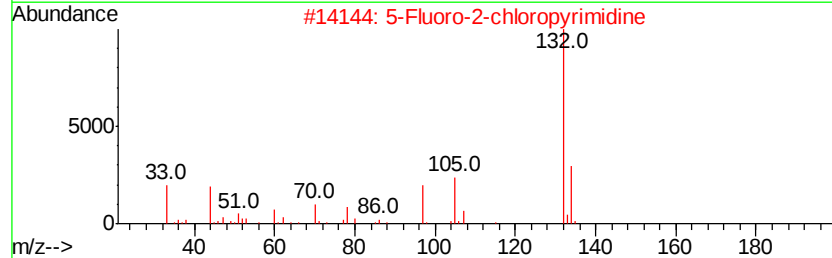
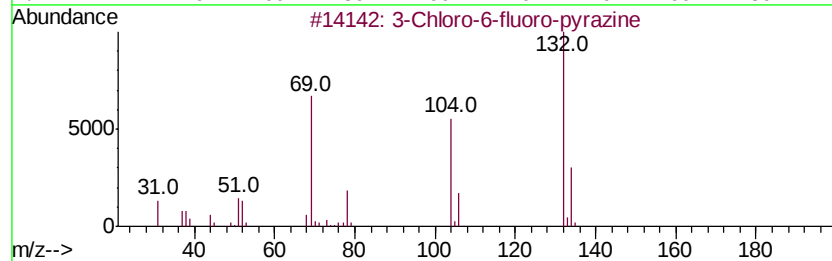
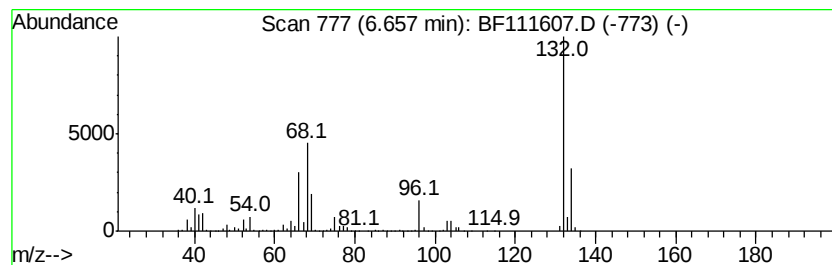
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	63.04 ng	3298370	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcvpromine-propionyl	189	C12H15NO	1000123-86-3	12
4		Xenon	132	Xe	007440-63-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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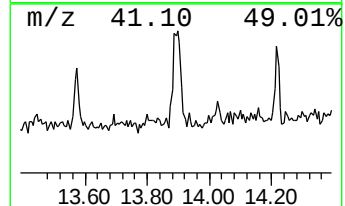
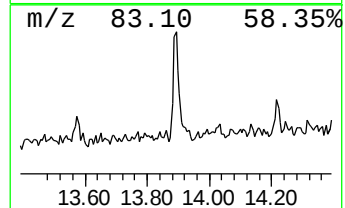
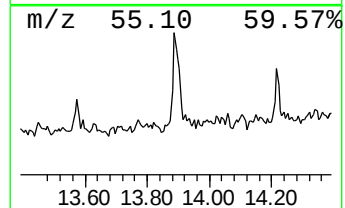
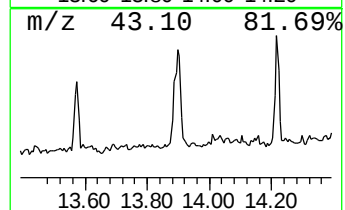
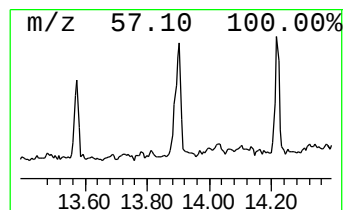
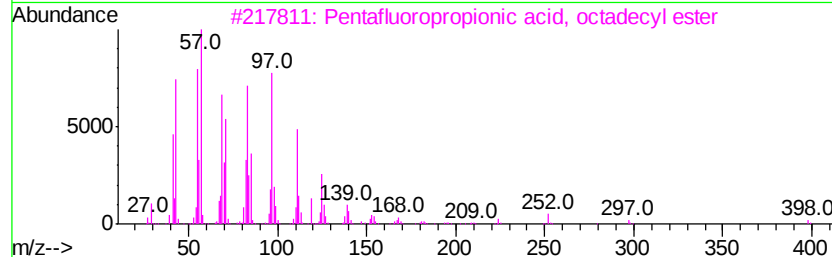
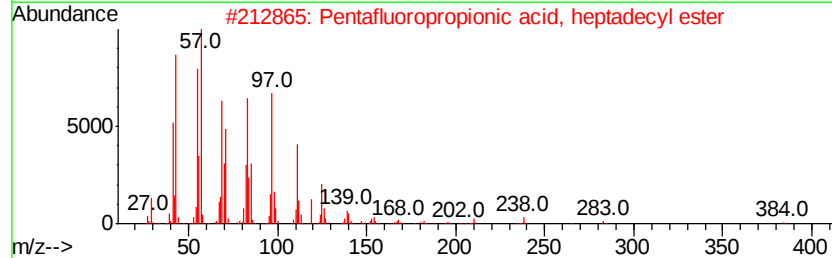
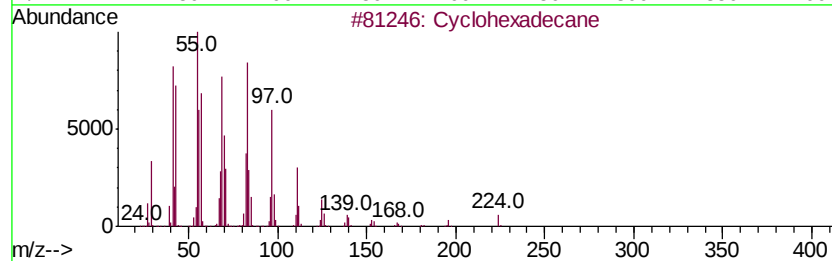
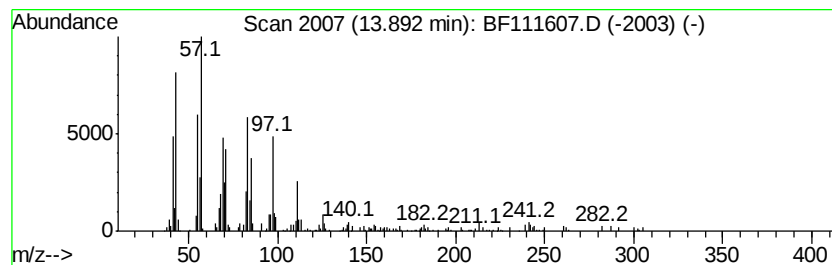
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	2.60 ng	162087	Chrysene-d12	14.04
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 93
2		Pentafluoropropionic acid, hepta...	402 C20H35F5O2	959218-78-1 91
3		Pentafluoropropionic acid, octad...	416 C21H37F5O2	959261-25-7 91
4		Nonadecyl pentafluoropropionate	430 C22H39F5O2	1000351-88-8 91
5		Heptadecyl trifluoroacetate	352 C19H35F3O2	1000351-87-0 87



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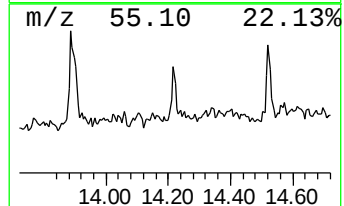
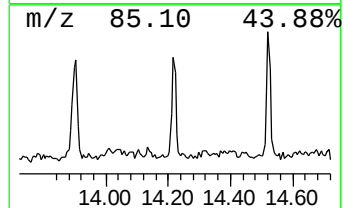
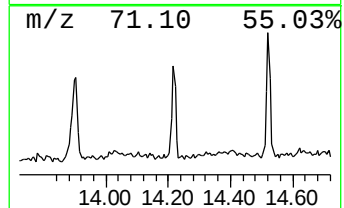
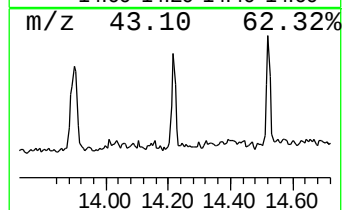
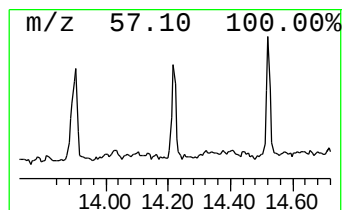
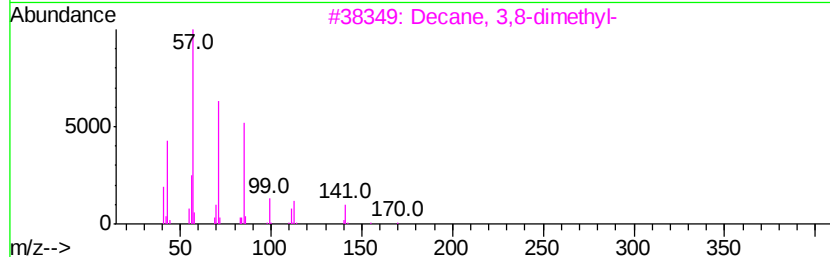
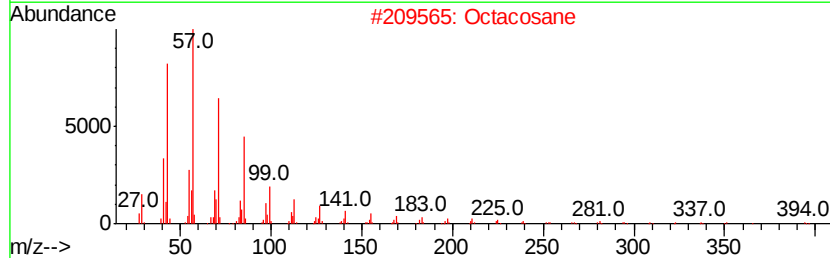
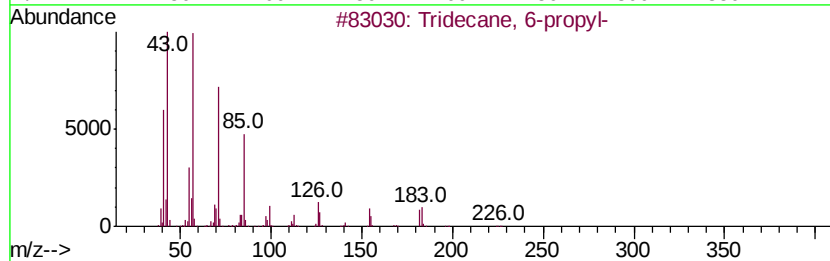
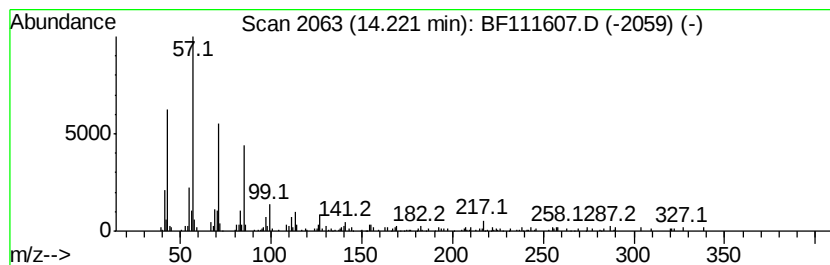
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tridecane, 6-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	2.01 ng	125523	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
2		Octacosane	394	C28H58	000630-02-4	87
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
4		Hexadecane	226	C16H34	000544-76-3	83
5		Docosane, 7-hexyl-	394	C28H58	055373-86-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111607.D
Acq On : 19 Dec 2018 23:06
Operator : JU/SJ
Sample : J6475-01
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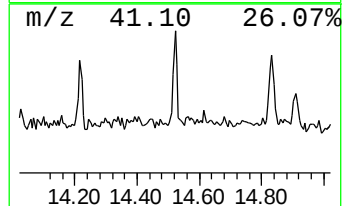
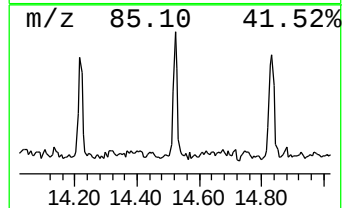
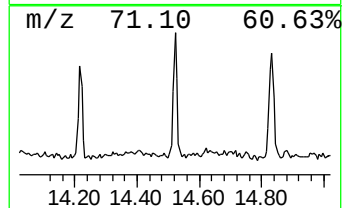
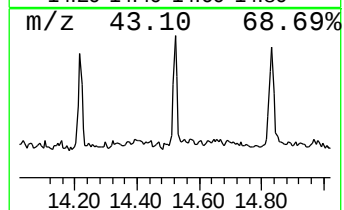
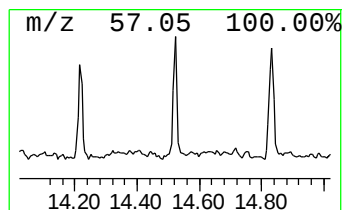
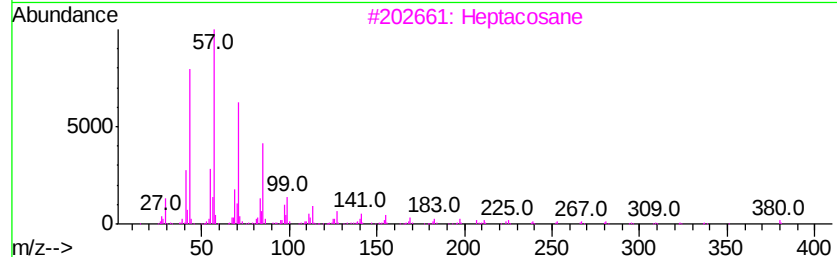
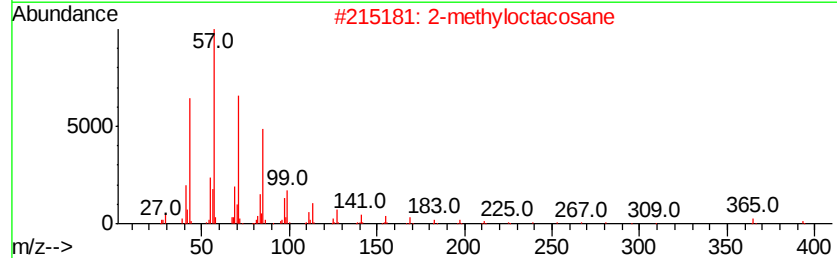
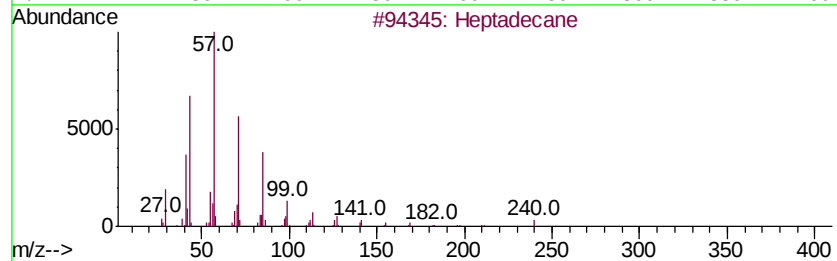
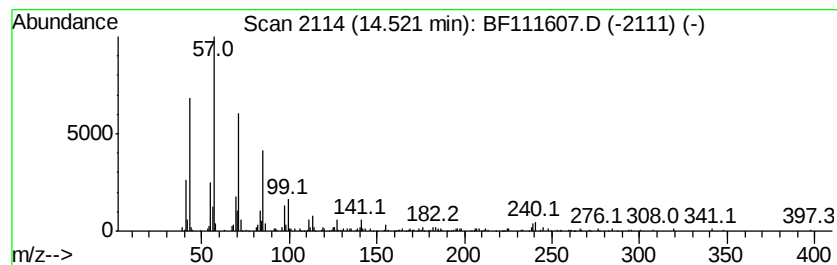
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ClientSampleId :
SLUDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
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.
14.52	2.43 ng	151529	Chrysene-d12	14.04
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	91
2	2-methyloctacosane	408 C29H60	1000376-72-8	87
3	Heptacosane	380 C27H56	000593-49-7	87
4	Tetratetracontane	619 C44H90	007098-22-8	87
5	Octacosane	394 C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111607.D
Acq On : 19 Dec 2018 23:06
Operator : JU/SJ
Sample : J6475-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE

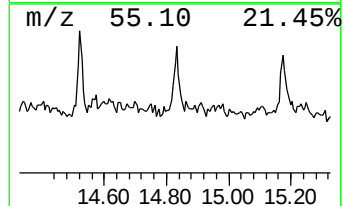
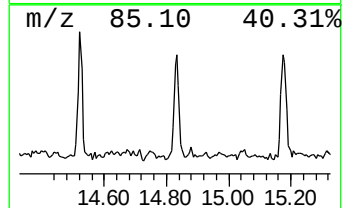
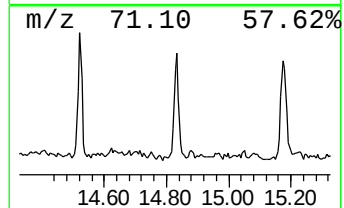
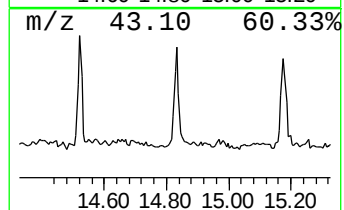
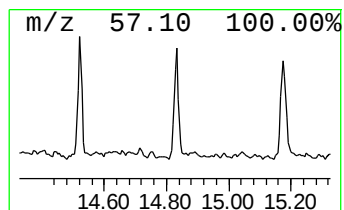
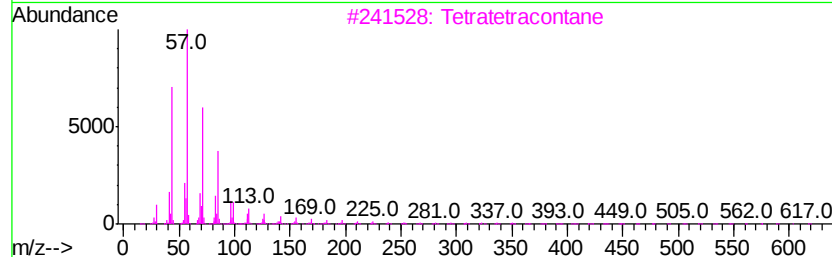
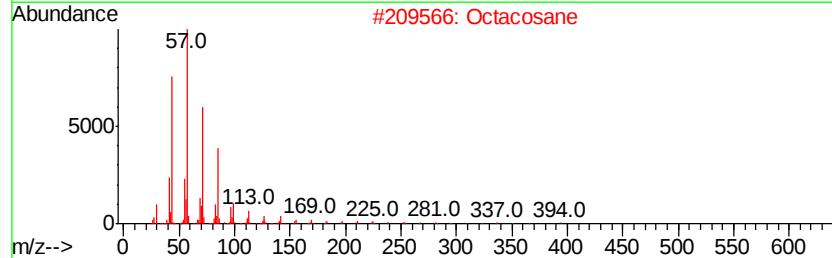
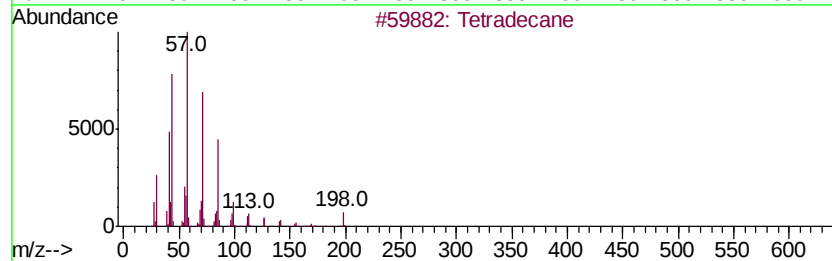
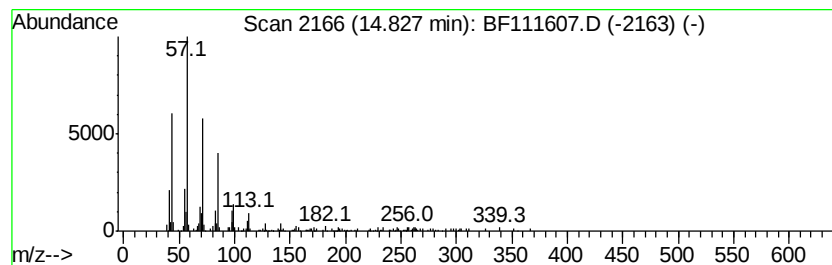
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	3.41 ng	194802	Perylene-d12	15.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	90
2		Octacosane	394	C28H58	000630-02-4	87
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		Tricosane	324	C23H48	000638-67-5	83
5		Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111607.D
Acq On : 19 Dec 2018 23:06
Operator : JU/SJ
Sample : J6475-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE

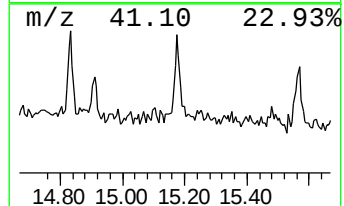
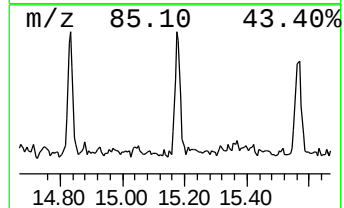
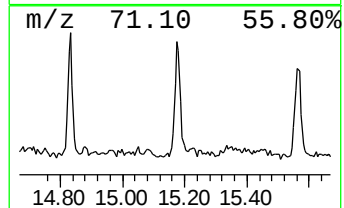
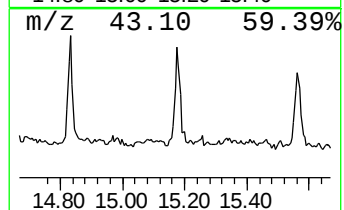
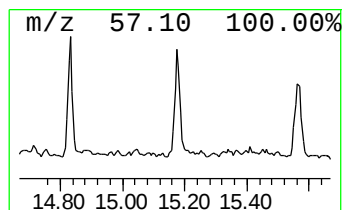
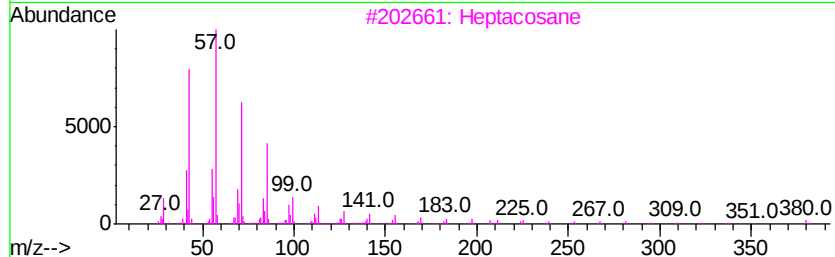
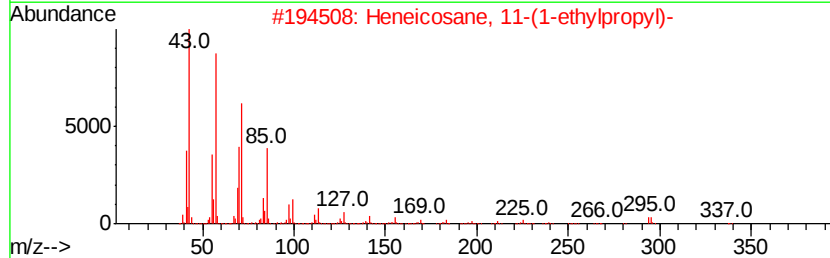
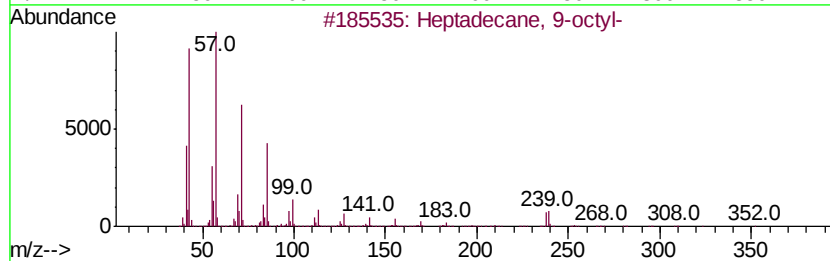
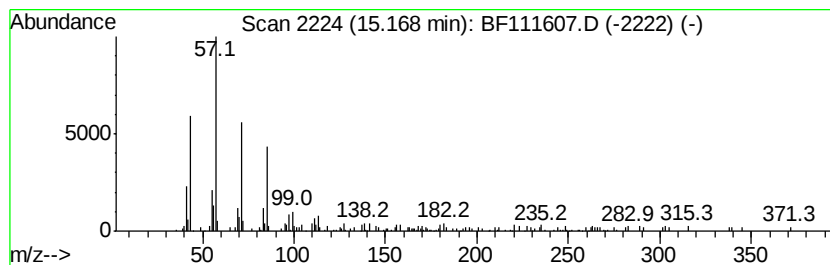
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	3.05 ng	174458	Perylene-d12	15.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
3		Heptacosane	380	C27H56	000593-49-7	87
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	86
5		Hexatriacontane	507	C36H74	000630-06-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
Data File : BF111607.D
Acq On : 19 Dec 2018 23:06
Operator : JU/SJ
Sample : J6475-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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
2-Pentanone, 4-hy...	5.11	3.8	ng	200415	1	6.89	1046450	20.0
Ethanol, 2-butoxy-	5.85	11.9	ng	620389	1	6.89	1046450	20.0
unknown6.66	6.66	63.0	ng	3298370	1	6.89	1046450	20.0
Cyclohexadecane	13.89	2.6	ng	162087	5	14.04	1246510	20.0
Tridecane, 6-propyl-	14.22	2.0	ng	125523	5	14.04	1246510	20.0
Heptadecane	14.52	2.4	ng	151529	5	14.04	1246510	20.0
Tetradecane	14.83	3.4	ng	194802	6	15.52	1142840	20.0
Heptadecane, 9-oc...	15.17	3.0	ng	174458	6	15.52	1142840	20.0