

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071118\
 Data File : BF107312.D
 Acq On : 11 Jul 2018 20:39
 Operator : JU/SJ
 Sample : J3908-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10-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-BF061918.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	4.049	283	291	297	rVB	10269	13918	1.31%	0.116%
2	5.166	477	481	489	rBV	137236	157784	14.87%	1.312%
3	5.578	547	551	572	rBV	1051561	1010142	95.19%	8.396%
4	6.584	718	722	737	rBV	1063156	1061194	100.00%	8.821%
5	6.713	740	744	747	rBV	1142187	1025289	96.62%	8.522%
6	6.931	778	781	785	rBV	394315	316940	29.87%	2.634%
7	7.090	804	808	811	rBV	930634	810403	76.37%	6.736%
8	7.501	873	878	881	rBV	697195	631576	59.52%	5.250%
9	8.219	996	1000	1004	rBV	429302	377276	35.55%	3.136%
10	8.254	1004	1006	1009	rVB	24818	19305	1.82%	0.160%
11	8.619	1064	1068	1070	rBV	42612	36631	3.45%	0.304%
12	8.642	1070	1072	1078	rVB3	9455	13581	1.28%	0.113%
13	8.836	1101	1105	1108	rBV4	9311	16099	1.52%	0.134%
14	8.884	1110	1113	1116	rVB	20289	18645	1.76%	0.155%
15	8.984	1127	1130	1132	rBV2	10834	13593	1.28%	0.113%
16	9.036	1136	1139	1144	rBV4	14171	21026	1.98%	0.175%
17	9.113	1149	1152	1154	rVB3	16665	16392	1.54%	0.136%
18	9.160	1154	1160	1162	rBV5	6855	12776	1.20%	0.106%
19	9.219	1165	1170	1173	rBV	114389	93022	8.77%	0.773%
20	9.295	1178	1183	1186	rBV	1126619	1027638	96.84%	8.542%
21	9.360	1190	1194	1198	rBV2	55924	65700	6.19%	0.546%
22	9.395	1198	1200	1205	rVV5	26621	34517	3.25%	0.287%
23	9.431	1205	1206	1210	rVB4	14067	15049	1.42%	0.125%
24	9.542	1223	1225	1227	rBV2	13519	12676	1.19%	0.105%
25	9.689	1245	1250	1254	rBV2	318124	431757	40.69%	3.589%
26	9.766	1259	1263	1264	rBV3	18362	21480	2.02%	0.179%
27	9.831	1271	1274	1276	rBV4	30851	28054	2.64%	0.233%
28	9.878	1280	1282	1285	rVV2	38564	36345	3.42%	0.302%
29	9.925	1288	1290	1292	rVV2	29460	30920	2.91%	0.257%
30	9.954	1292	1295	1297	rVV4	37160	43671	4.12%	0.363%
31	9.983	1297	1300	1304	rVV	424005	397140	37.42%	3.301%
32	10.019	1304	1306	1312	rVB6	25206	41870	3.95%	0.348%
33	10.148	1325	1328	1330	rVB2	40750	31832	3.00%	0.265%
34	10.207	1336	1338	1339	rBV	21027	15635	1.47%	0.130%

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35	10.301	1350	1354	1356	rBV5	29420	42568	4.01%	0.354%
36	10.330	1356	1359	1363	rVB3	35053	38983	3.67%	0.324%
37	10.383	1365	1368	1370	rVB2	30883	29338	2.76%	0.244%
38	10.419	1370	1374	1376	rBV2	31859	35826	3.38%	0.298%
39	10.507	1386	1389	1390	rBV3	16772	19310	1.82%	0.161%
40	10.548	1394	1396	1402	rVB3	28814	29224	2.75%	0.243%
41	10.607	1402	1406	1409	rBV	193379	185821	17.51%	1.545%
42	10.730	1425	1427	1431	rVB4	18316	16904	1.59%	0.141%
43	10.783	1432	1436	1442	rBV	629632	598983	56.44%	4.979%
44	10.830	1442	1444	1448	rBV5	12845	14906	1.40%	0.124%
45	10.872	1448	1451	1455	rBV	301633	291733	27.49%	2.425%
46	11.007	1472	1474	1477	rBV3	17947	16711	1.57%	0.139%
47	11.083	1484	1487	1489	rBV4	29815	31413	2.96%	0.261%
48	11.207	1504	1508	1511	rBV5	23428	47112	4.44%	0.392%
49	11.342	1527	1531	1533	rBV	161473	145320	13.69%	1.208%
50	11.448	1547	1549	1551	rBV2	17892	19658	1.85%	0.163%
51	11.483	1551	1555	1558	rVV	417619	381418	35.94%	3.170%
52	11.560	1566	1568	1570	rBV2	13121	14010	1.32%	0.116%
53	11.589	1571	1573	1576	rVB2	21395	19425	1.83%	0.161%
54	11.689	1588	1590	1593	rBV	33060	37314	3.52%	0.310%
55	12.424	1713	1715	1719	rVB2	23926	24789	2.34%	0.206%
56	12.483	1722	1725	1727	rVV3	22423	20782	1.96%	0.173%
57	12.536	1731	1734	1737	rVB2	28502	27355	2.58%	0.227%
58	12.701	1759	1762	1765	rBV	42878	39529	3.72%	0.329%
59	12.913	1796	1798	1800	rBV3	18460	13543	1.28%	0.113%
60	12.936	1800	1802	1806	rVB2	67561	63538	5.99%	0.528%
61	12.983	1807	1810	1814	rVB2	21733	22891	2.16%	0.190%
62	13.066	1820	1824	1827	rBV	1193686	1051668	99.10%	8.742%
63	13.266	1856	1858	1862	rVB	28692	30097	2.84%	0.250%
64	13.519	1899	1901	1906	rVB5	17583	22500	2.12%	0.187%
65	13.613	1914	1917	1920	rVB	36268	31568	2.97%	0.262%
66	13.942	1970	1973	1978	rBV	70089	75897	7.15%	0.631%
67	14.142	2003	2007	2010	rBV	420104	403008	37.98%	3.350%
68	14.566	2077	2079	2082	rBV	53198	50080	4.72%	0.416%
69	15.683	2265	2269	2275	rVB	180659	237518	22.38%	1.974%

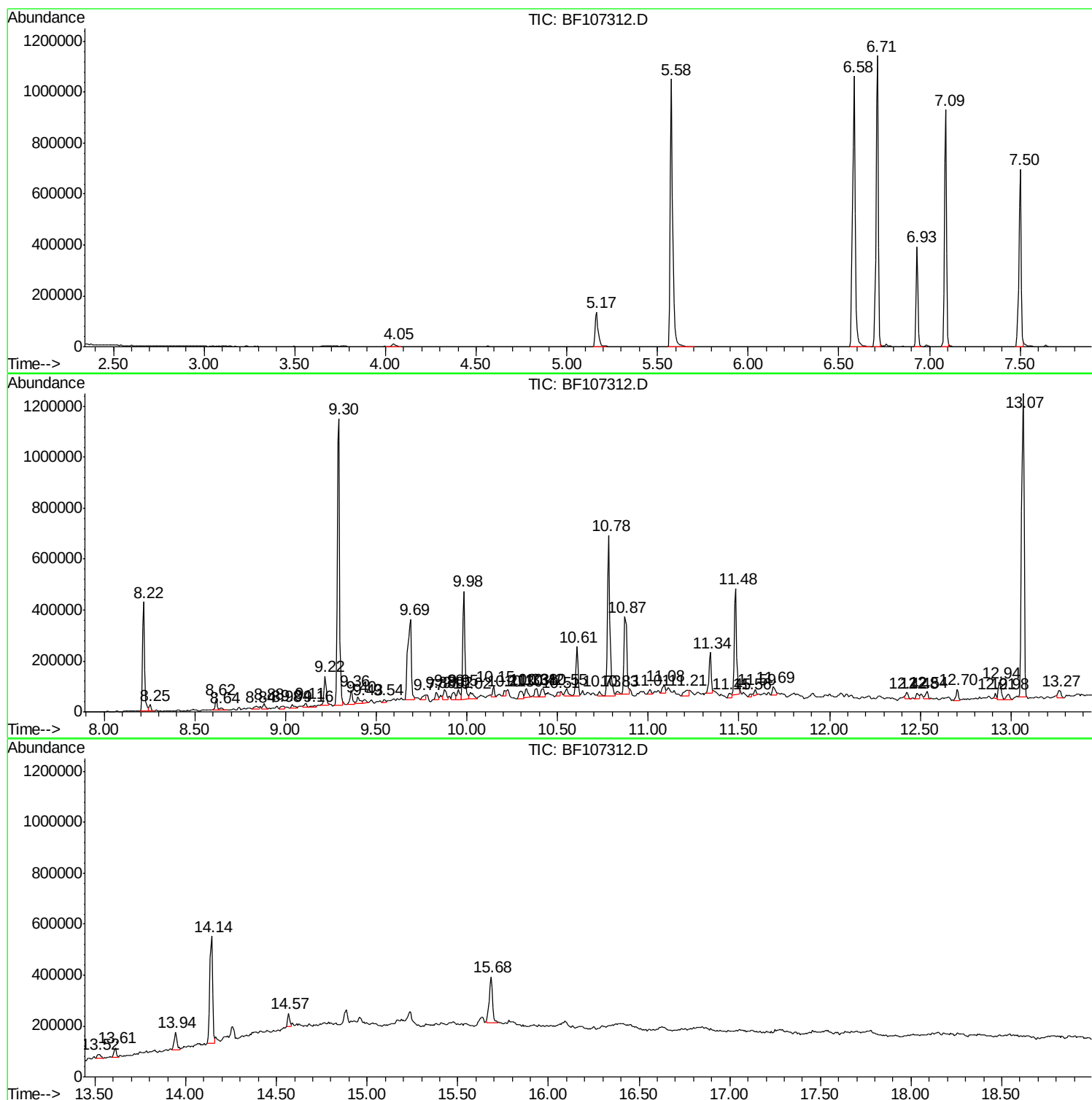
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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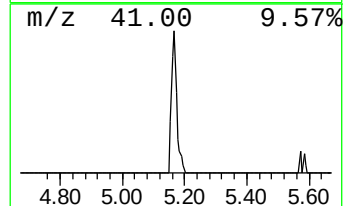
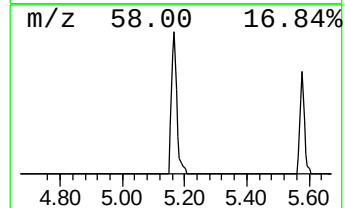
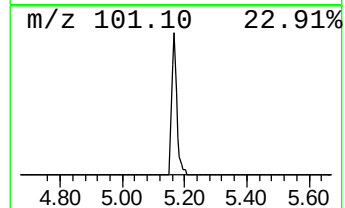
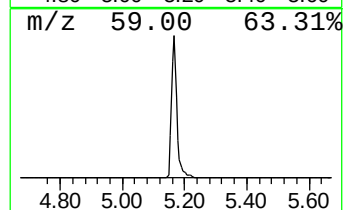
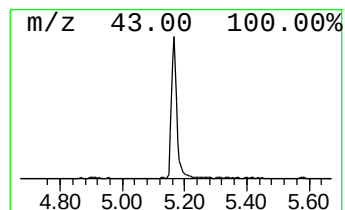
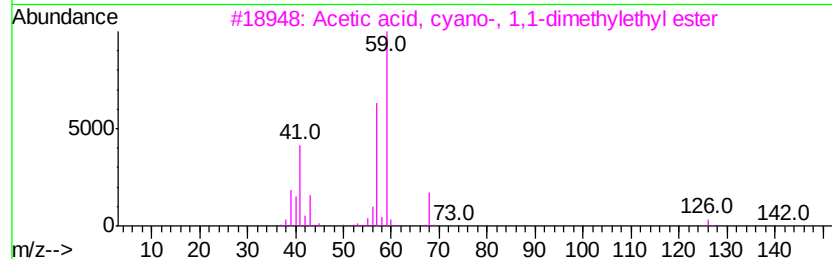
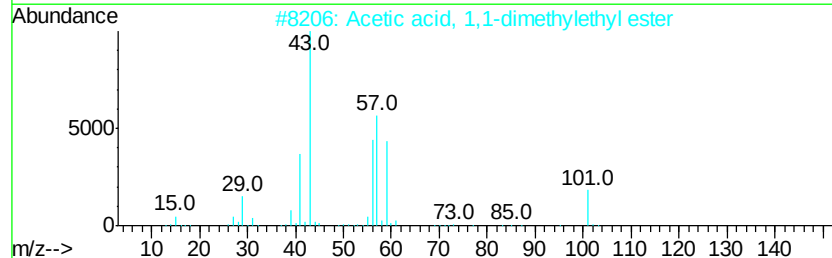
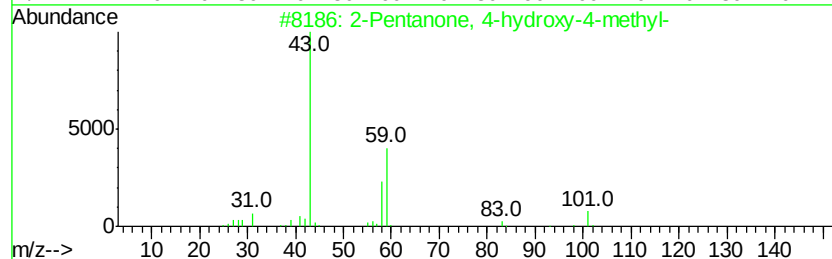
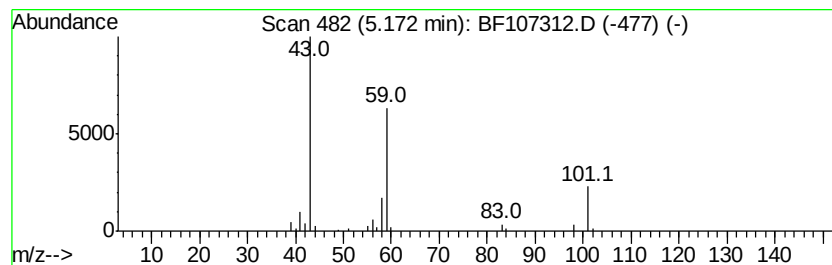
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.17	9.96 ng	157784	1,4-Dichlorobenzene-d4	6.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4			5-Hexen-2-one	98	C6H10O	000109-49-9	9
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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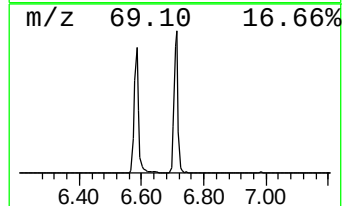
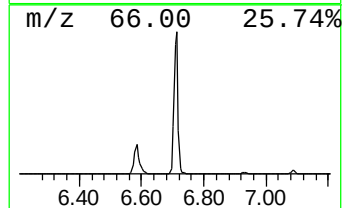
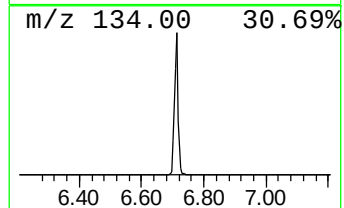
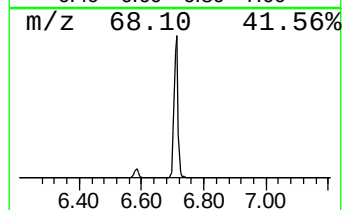
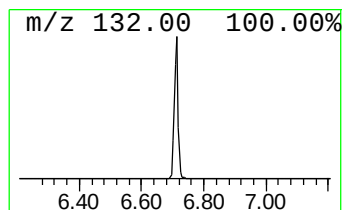
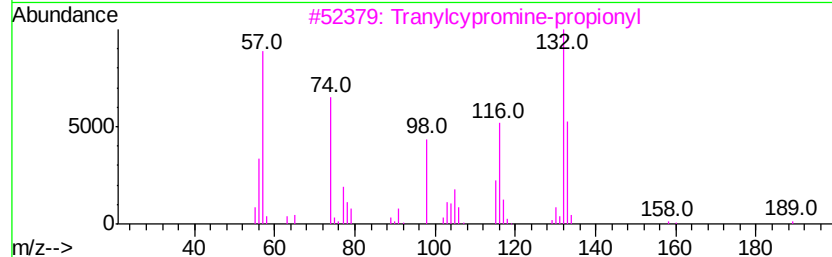
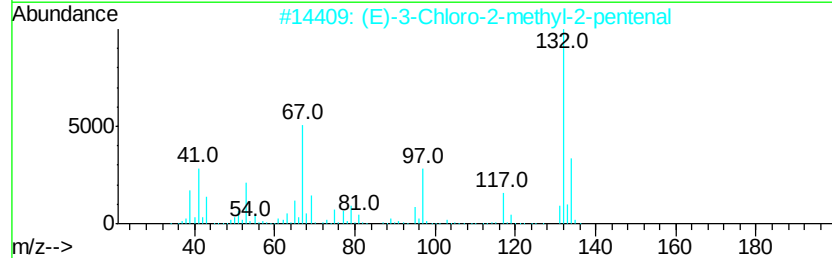
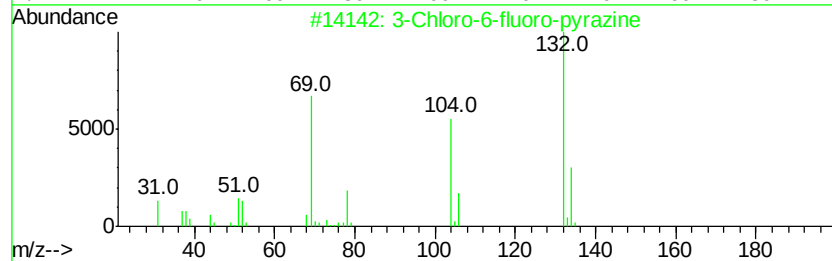
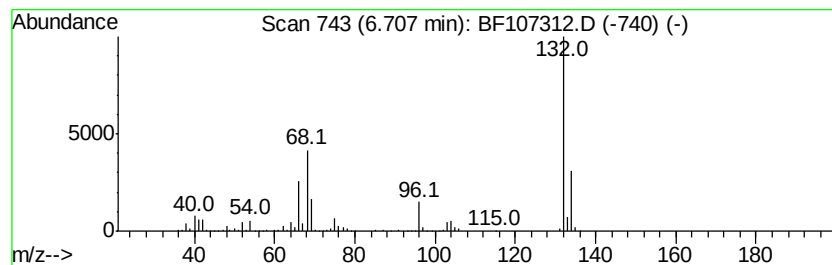
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	64.70 ng	1025290	1,4-Dichlorobenzene-d4	6.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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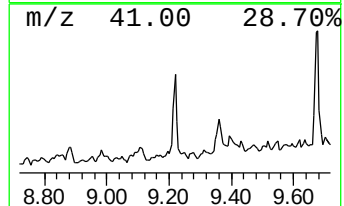
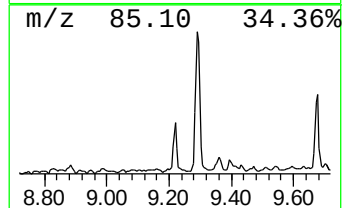
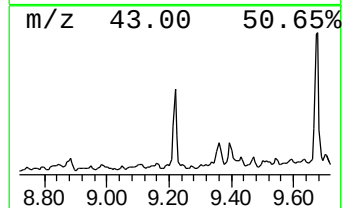
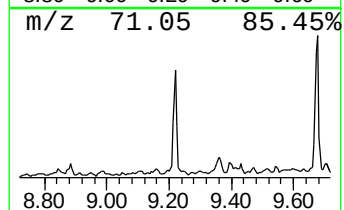
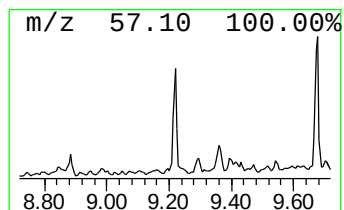
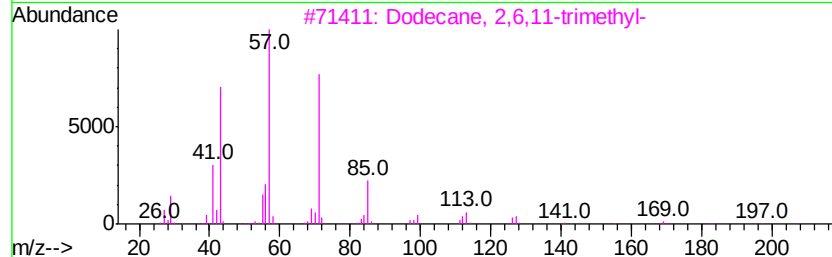
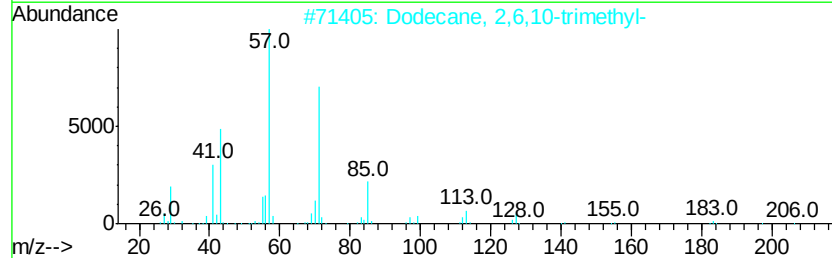
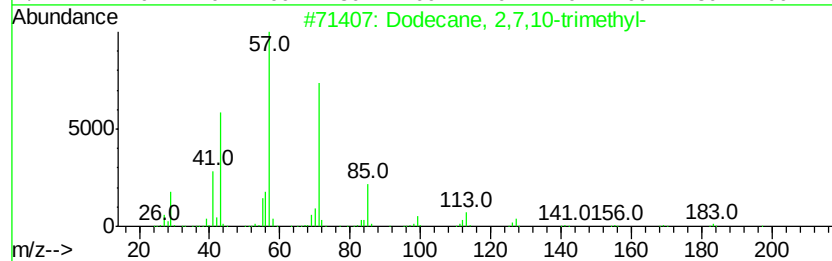
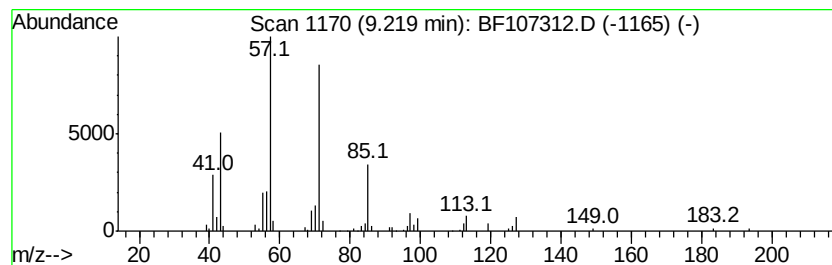
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Dodecane, 2,7,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	4.68 ng	93022	Acenaphthene-d10	9.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64



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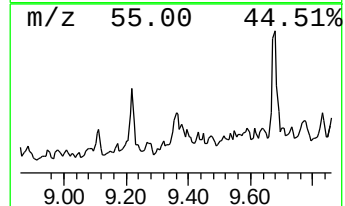
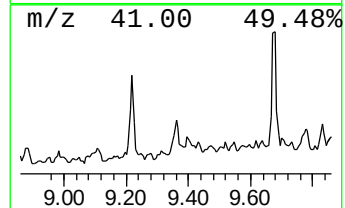
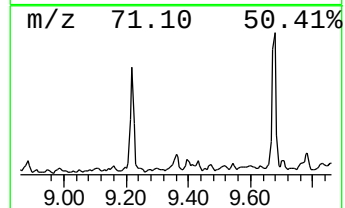
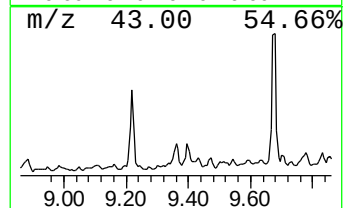
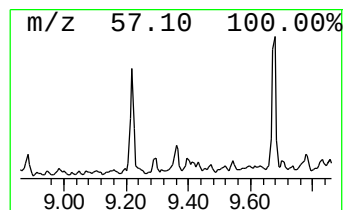
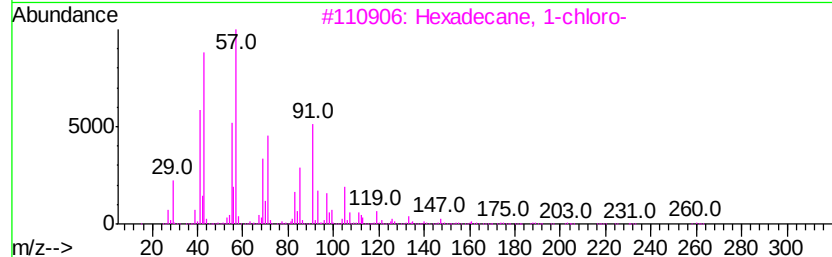
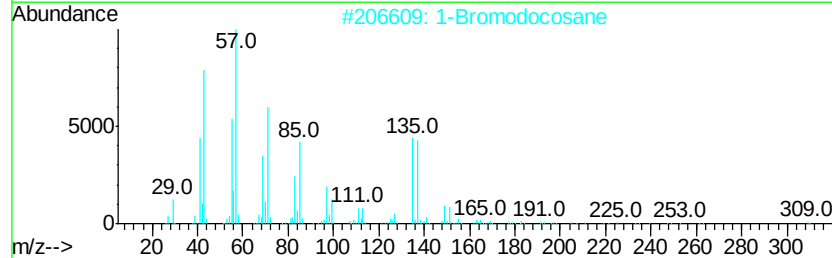
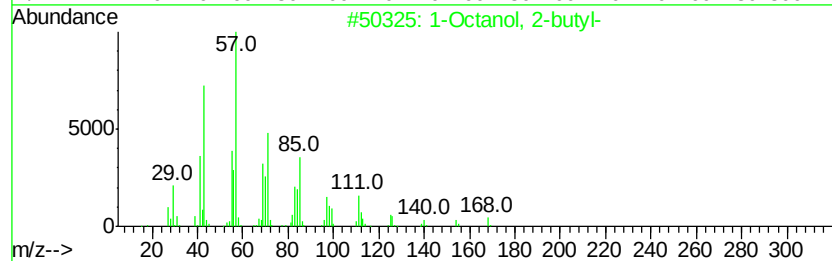
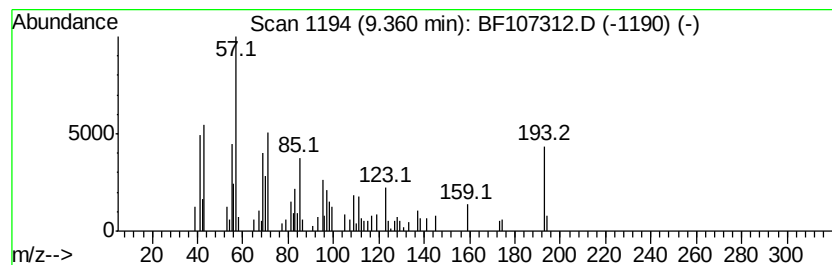
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 unknown9.36 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	3.31 ng	65700	Acenaphthene-d10	9.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	30
2		1-Bromodocosane	388	C22H45Br	006938-66-5	27
3		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	27
4		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	25
5		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	25



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Operator : JU/SJ
Sample : J3908-03
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Instrument :
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ClientSampleId :
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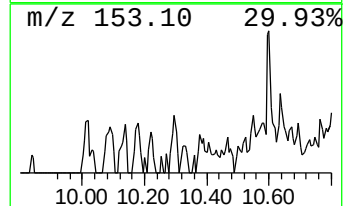
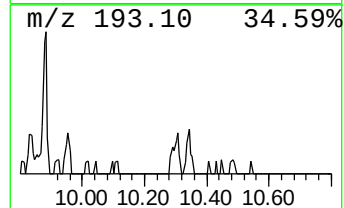
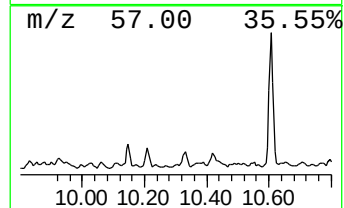
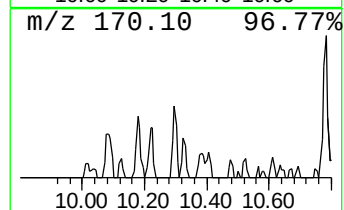
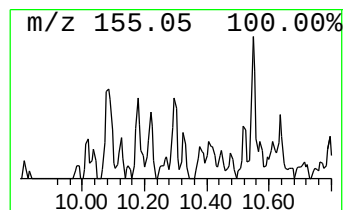
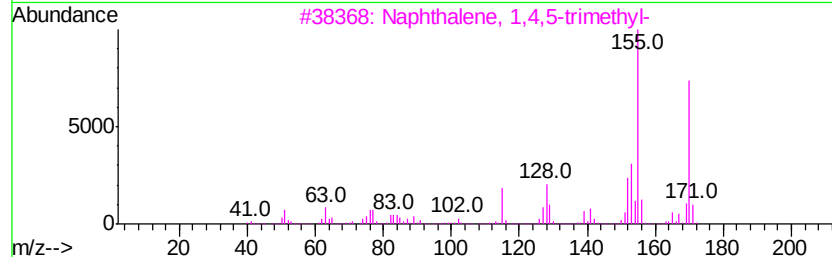
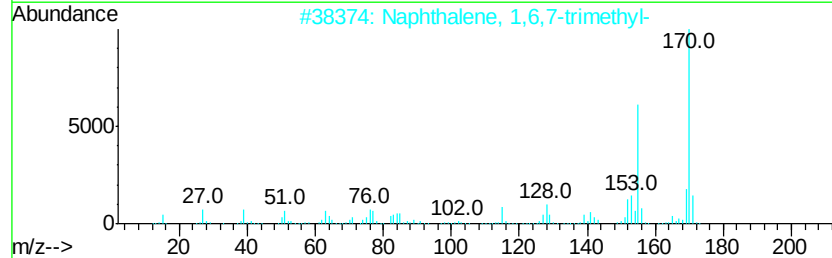
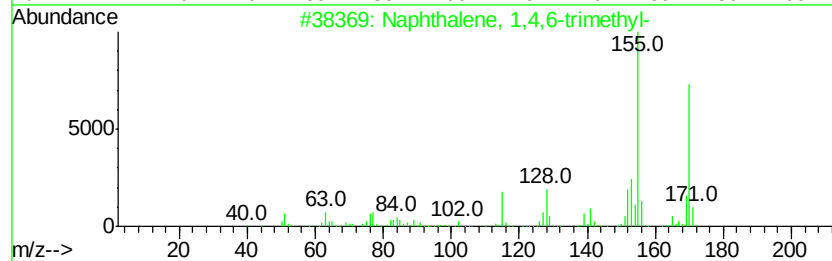
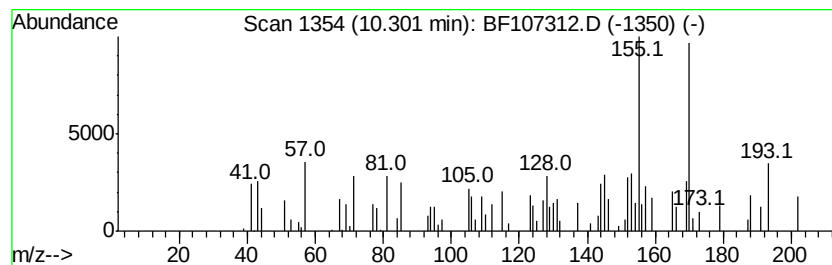
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.14 ng	42568	Acenaphthene-d10	9.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107312.D
Acq On : 11 Jul 2018 20:39
Operator : JU/SJ
Sample : J3908-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

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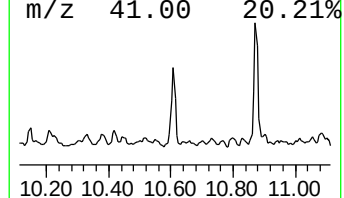
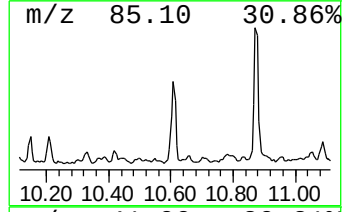
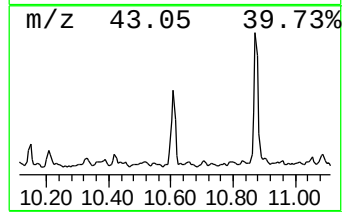
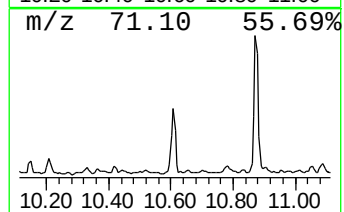
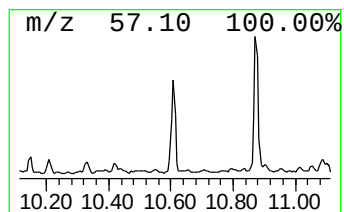
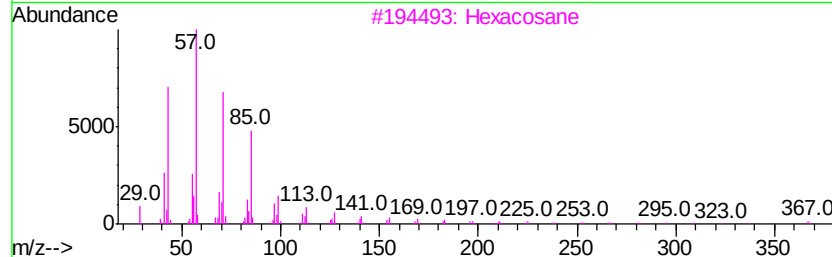
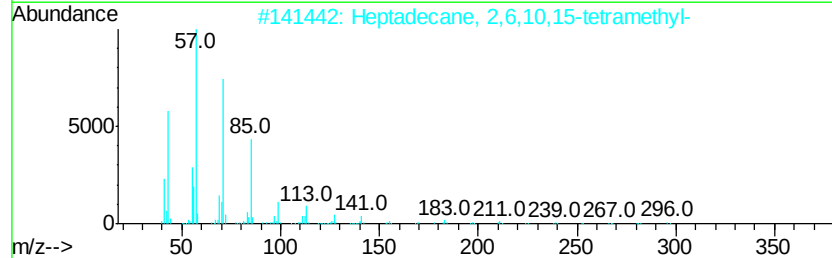
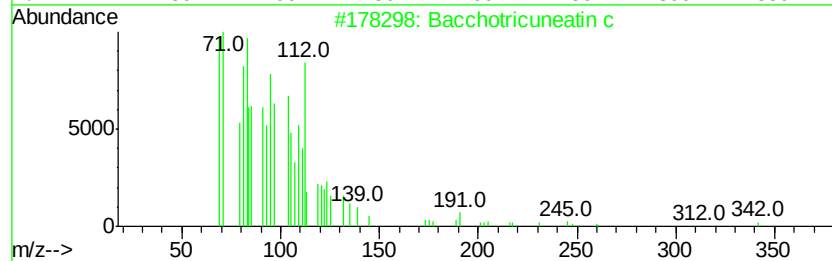
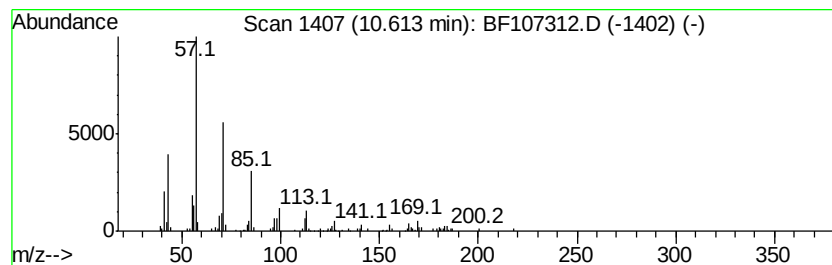
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Bacchotricuneatin c Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	9.36 ng	185821	Acenaphthene-d10	9.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	93
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3		Hexacosane	366	C26H54	000630-01-3	80
4		Tetracosane	338	C24H50	000646-31-1	72
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
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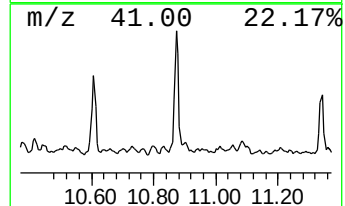
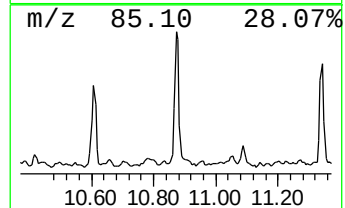
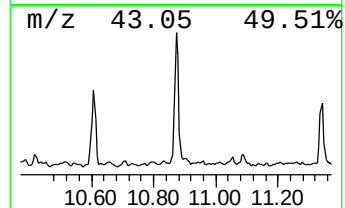
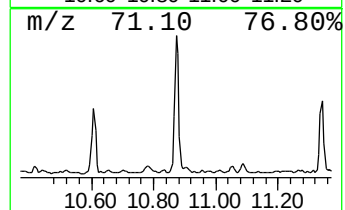
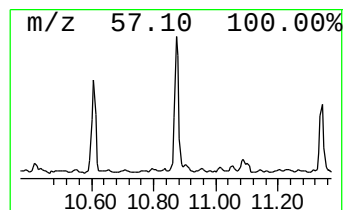
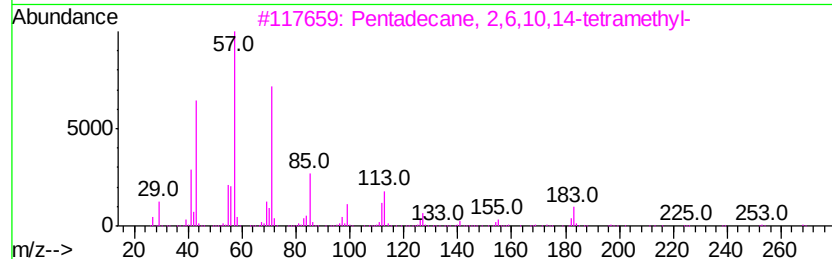
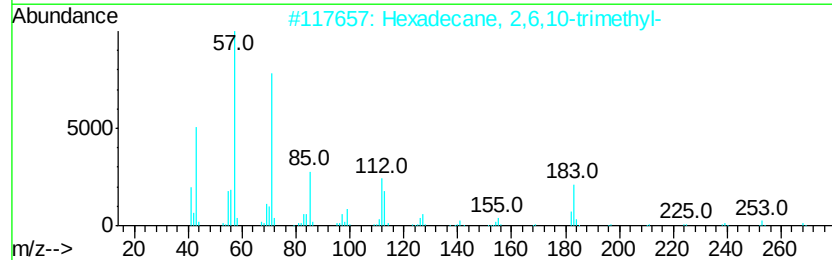
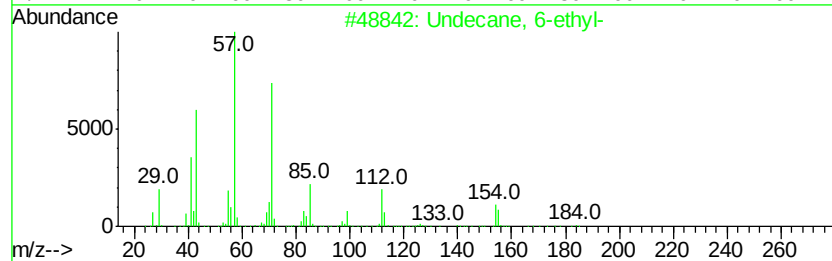
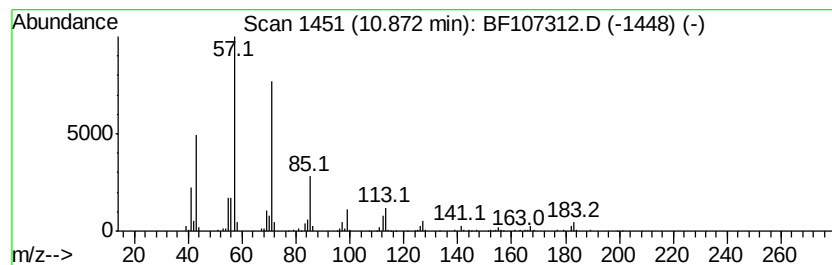
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 6-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	15.30 ng	291733	Phenanthrene-d10	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 6-ethyl-	184 C13H28	017312-60-6	90
2	Hexadecane, 2,6,10-trimethyl-	268 C19H40	055000-52-7	90
3	Pentadecane, 2,6,10,14-tetramethyl-	268 C19H40	001921-70-6	90
4	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	86
5	Sulfurous acid, 2-ethylhexyl non...	320 C17H36O3S	1000309-19-2	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107312.D
Acq On : 11 Jul 2018 20:39
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Sample : J3908-03
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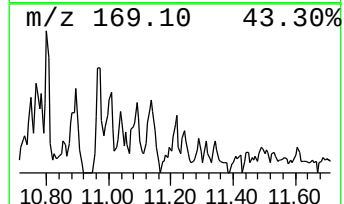
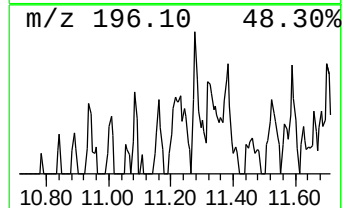
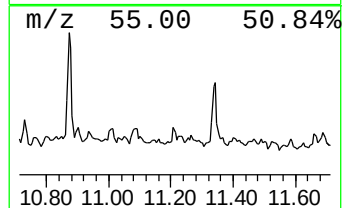
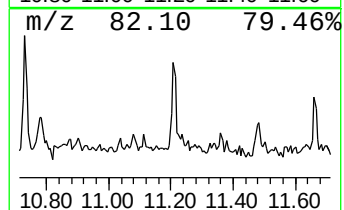
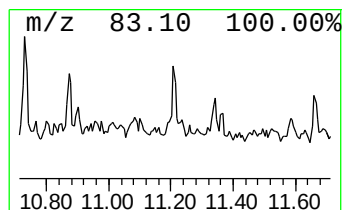
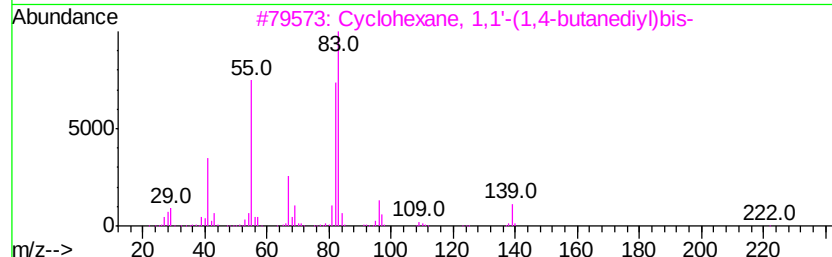
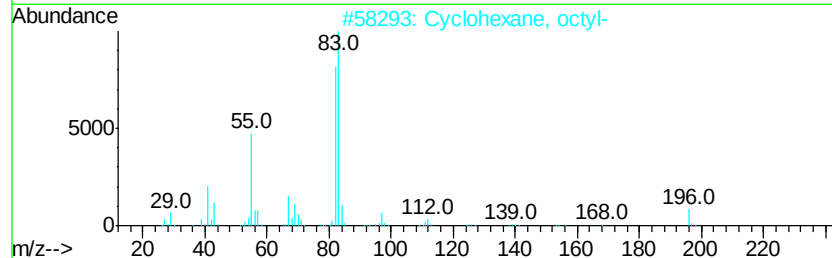
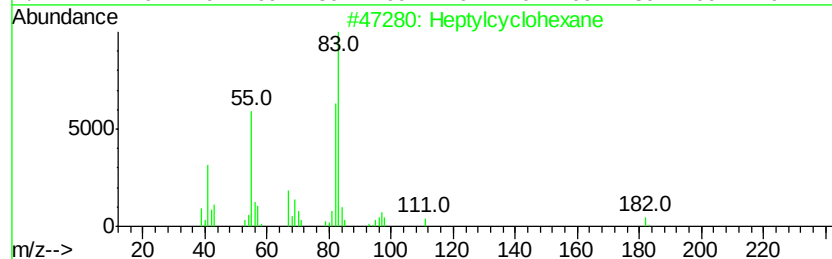
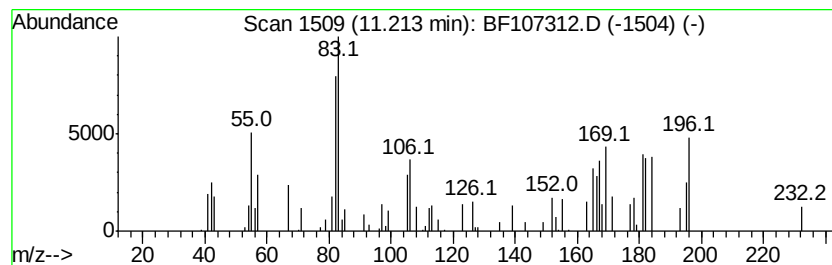
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown11.21 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	2.47 ng	47112	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptylcyclohexane	182	C13H26	005617-41-4	49
2		Cyclohexane, octyl-	196	C14H28	001795-15-9	47
3		Cyclohexane, 1,1'-(1,4-butanediyl)bis-	222	C16H30	006165-44-2	43
4		Glycine, N-(3-methyl-1-oxo-2-butyl)-	171	C8H13NO3	056009-34-8	43
5		Cyclohexane, 1,1'-(1,2-ethanediyl)bis-	194	C14H26	003321-50-4	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
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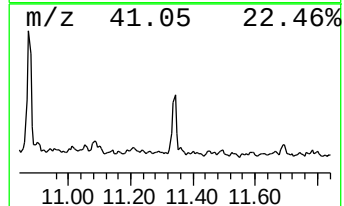
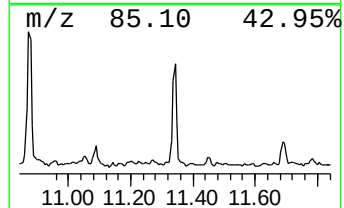
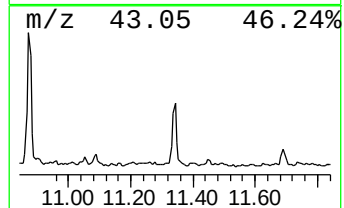
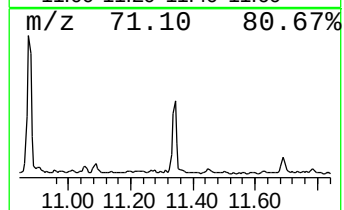
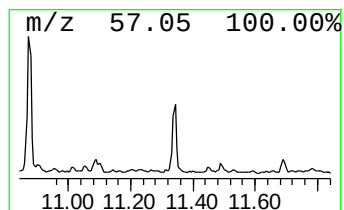
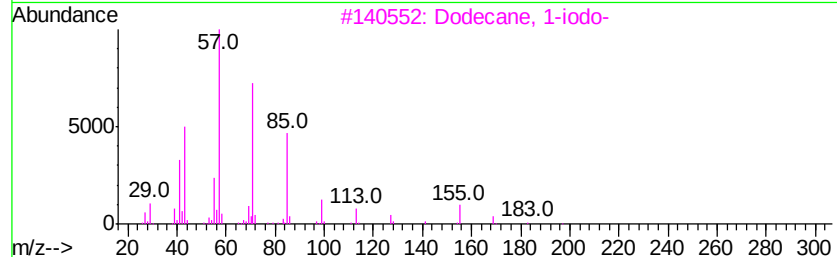
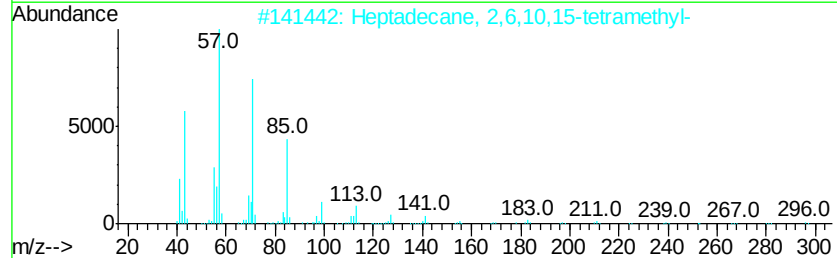
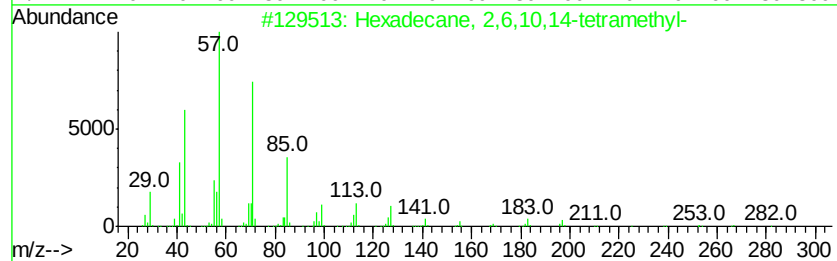
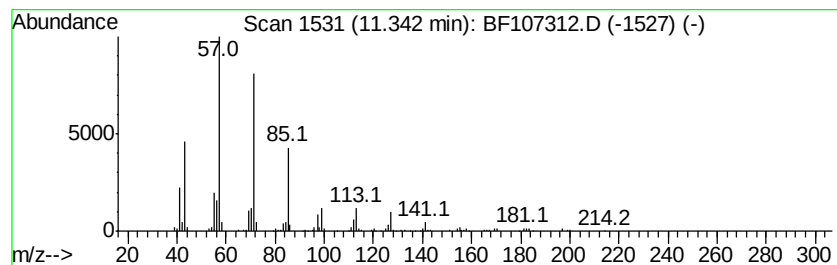
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Hexadecane, 2,6,10,14-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	7.62 ng	145320	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4		Decane, 2-methyl-	156	C11H24	006975-98-0	80
5		Heptacosane	380	C27H56	000593-49-7	72



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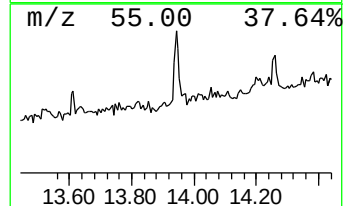
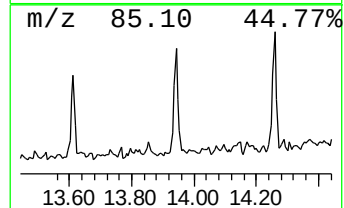
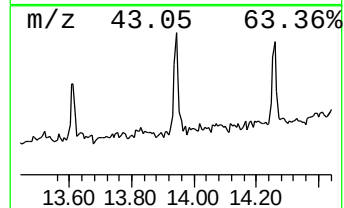
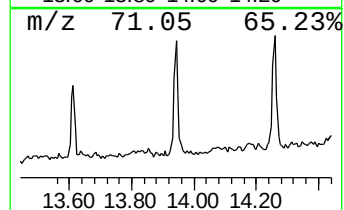
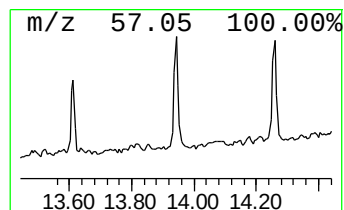
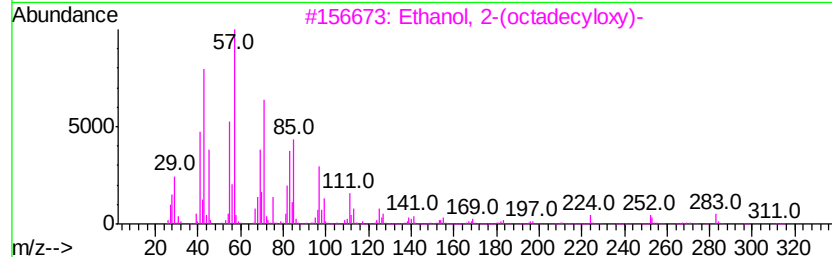
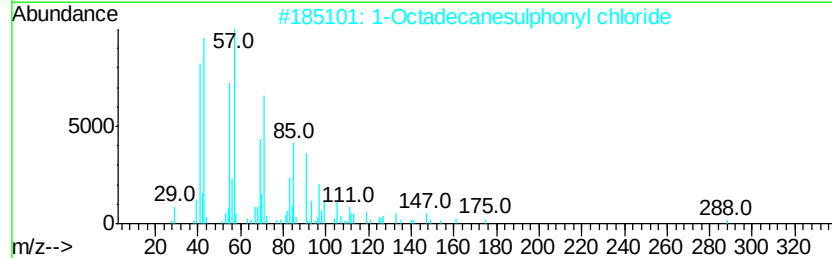
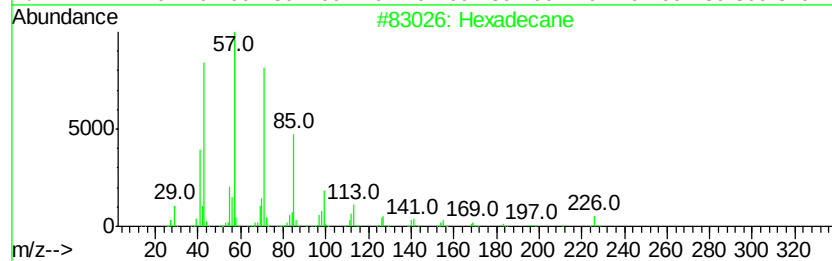
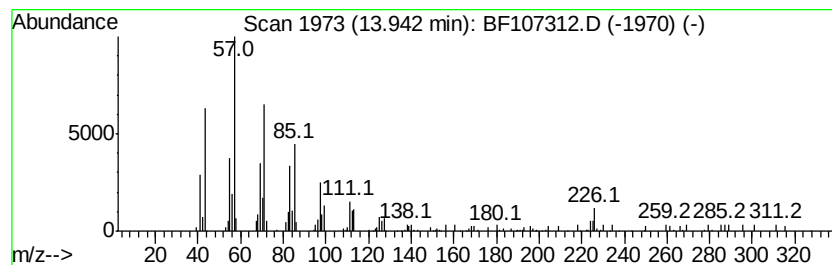
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	3.77 ng	75897	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	87
3		Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	83
4		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83
5		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
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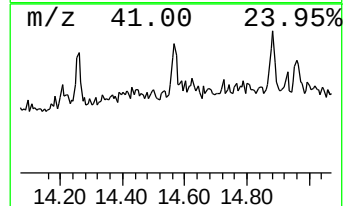
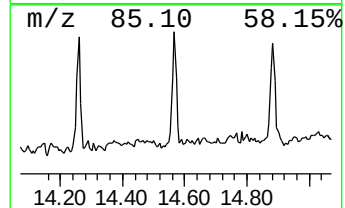
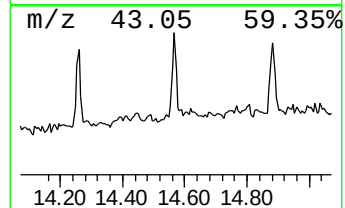
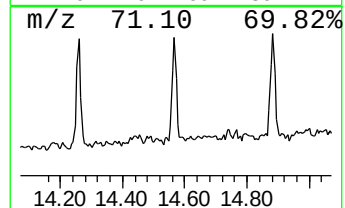
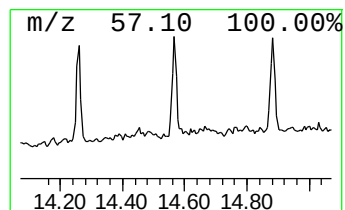
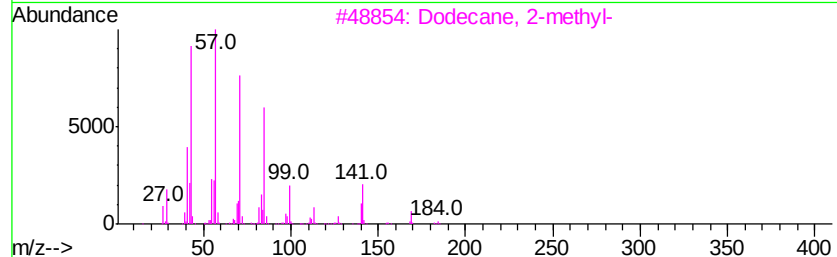
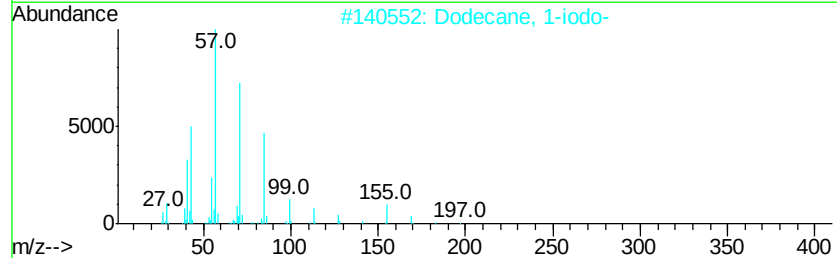
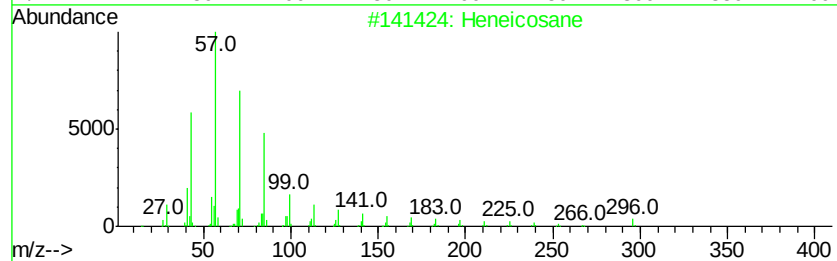
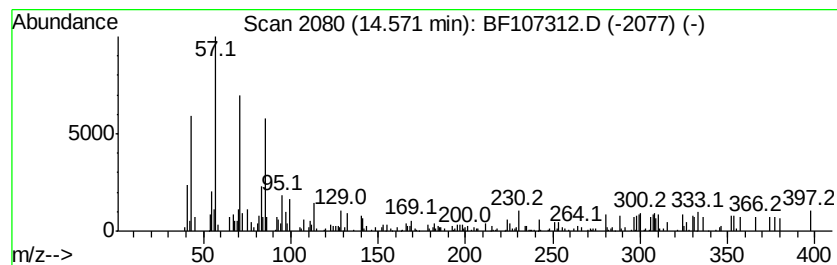
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	2.49 ng	50080	Chrysene-d12	14.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	64
2	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	52
3	Dodecane, 2-methyl-		184	C13H28	001560-97-0	52
4	Tridecane		184	C13H28	000629-50-5	52
5	Nonadecane		268	C19H40	000629-92-5	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071118\
Data File : BF107312.D
Acq On : 11 Jul 2018 20:39
Operator : JU/SJ
Sample : J3908-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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...	5.17	10.0	ng	157784	1	6.93	316940	20.0
unknown6.71	6.71	64.7	ng	1025290	1	6.93	316940	20.0
Dodecane, 2,7,10-...	9.22	4.7	ng	93022	3	9.98	397140	20.0
unknown9.36	9.36	3.3	ng	65700	3	9.98	397140	20.0
Naphthalene, 1,4,...	10.30	2.1	ng	42568	3	9.98	397140	20.0
Bacchotricuneatin c	10.61	9.4	ng	185821	3	9.98	397140	20.0
Undecane, 6-ethyl-	10.87	15.3	ng	291733	4	11.48	381418	20.0
unknown11.21	11.21	2.5	ng	47112	4	11.48	381418	20.0
Hexadecane, 2,6,1...	11.34	7.6	ng	145320	4	11.48	381418	20.0
Hexadecane	13.94	3.8	ng	75897	5	14.14	403008	20.0
Heneicosane	14.57	2.5	ng	50080	5	14.14	403008	20.0