LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109448.D
Acq On : 28 Sep 2018 23:22
Operator : JU/SJ
Sample : J5101-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1329

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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	4.893	472	477	485	rBV	34378	42086	1.30%	0.170%
2	5.316	545	549	559	rBV	894455	899660	27.75%	3.630%
3	5.457	564	573	579	rBV3	24770	44881	1.38%	0.181%
4	5.657	604	607	614	rVB	114343	107637	3.32%	0.434%
5	6.345	720	724	732	rVB2	675137	741496	22.87%	2.992%
6	6.481	739	747	750	rBV	1936793	1766582	54.48%	7.129%
7	6.528	752	755	758	rBV2	83192	82333	2.54%	0.332%
8	6.634	766	773	775	rBV4	19351	37908	1.17%	0.153%
9	6.710	782	786	790	rBV	743178	621770	19.18%	2.509%
10	6.781	794	798	800	rVB	693706	610391	18.83%	2.463%
11	6.869	808	813	816	rBV	1953398	1696691	52.33%	6.847%
12	6.934	816	824	830	rVB5	43787	97274	3.00%	0.393%
13	7.057	843	845	850	rVB	49690	47701	1.47%	0.192%
14	7.116	850	855	857	rBV3	31364	48496	1.50%	0.196%
15	7.145	857	860	864	rVB	43907	46307	1.43%	0.187%
16	7.269	874	881	884	rBV	1472151	1474696	45.48%	5.951%
17	7.310	884	888	892	rVB	143624	145769	4.50%	0.588%
18	7.557	923	930	932	rBV4	64883	84422	2.60%	0.341%
19	7.586	932	935	938	rVB	78577	73778	2.28%	0.298%
20	7.992	998	1004	1007	rBV	860524	774794	23.90%	3.127%
21	8.092	1018	1021	1026	rBV3	29455	38658	1.19%	0.156%
22	8.275	1046	1052	1055	rBV	3247961	3242418	100.00%	13.084%
23	8.363	1063	1067	1070	rVB4	25449	33286	1.03%	0.134%
24	8.486	1086	1088	1092	rVB	48962	37855	1.17%	0.153%
25	8.616	1104	1110	1113	rBV6	19443	36529	1.13%	0.147%
26	8.698	1122	1124	1130	rVB2	30050	38230	1.18%	0.154%
27	8.751	1130	1133	1140	rBV	82874	91218	2.81%	0.368%
28	8.910	1157	1160	1163	rBV3	27940	34771	1.07%	0.140%
29	9.016	1175	1178	1182	rBV	76753	73872	2.28%	0.298%
30	9.069	1182	1187	1190	rVV	2614479	2256283	69.59%	9.105%
31	9.098	1190	1192	1197	rVB	45128	53430	1.65%	0.216%
32	9.192	1205	1208	1214	rVB2	48985	52472	1.62%	0.212%
33	9.457	1250	1253	1256	rBV	173362	136642	4.21%	0.551%
34	9.498	1257	1260	1266	rVB3	79143	86844	2.68%	0.350%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5101-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1329

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.739	1297	1301	1305	rVB	809995	651578	20.10%	2.629%
36	10.369	1404	1408	1411	rBV	851417	687161	21.19%	2.773%
37	10.527	1431	1435	1438	rBV	1205078	1124470	34.68%	4.538%
38	10.639	1449	1454	1460	rBV	319313	332239	10.25%	1.341%
39	10.833	1483	1487	1494	rBV	521588	502075	15.48%	2.026%
40	10.951	1503	1507	1512	rVB2	51766	72413	2.23%	0.292%
41	11.216	1546	1552	1558	rVB2	765595	797893	24.61%	3.220%
42	11.510	1599	1602	1607	rVB	162904	137383	4.24%	0.554%
43	11.610	1616	1619	1622	rVB	93762	77333	2.39%	0.312%
44	11.757	1641	1644	1651	rBV3	160731	163366	5.04%	0.659%
45	12.492	1766	1769	1773	rBV	719972	583555	18.00%	2.355%
46	12.539	1774	1777	1781	rVB4	48220	48586	1.50%	0.196%
47	12.798	1817	1821	1825	rVB	2033715	1889237	58.27%	7.624%
48	12.933	1842	1844	1850	rVB2	61849	66204	2.04%	0.267%
49	13.151	1879	1881	1884	rVB2	58363	50822	1.57%	0.205%
50	13.704	1973	1975	1981	rVB2	58947	81140	2.50%	0.327%
51	13.845	1995	1999	2004	rBV	613533	573772	17.70%	2.315%
52	14.327	2078	2081	2085	rVB	74507	64678	1.99%	0.261%
53	14.621	2128	2131	2135	rVB	131610	110328	3.40%	0.445%
54	14.933	2181	2184	2189	rVB	129646	151348	4.67%	0.611%
55	15.245	2233	2237	2241	rBV	376033	423468	13.06%	1.709%
56	15.286	2241	2244	2250	rVB	146720	179095	5.52%	0.723%
57	15.692	2308	2313	2319	rVB2	133070	198376	6.12%	0.801%
58	16.151	2387	2391	2401	rVB2	88984	157526	4.86%	0.636%

Sum of corrected areas: 24781226

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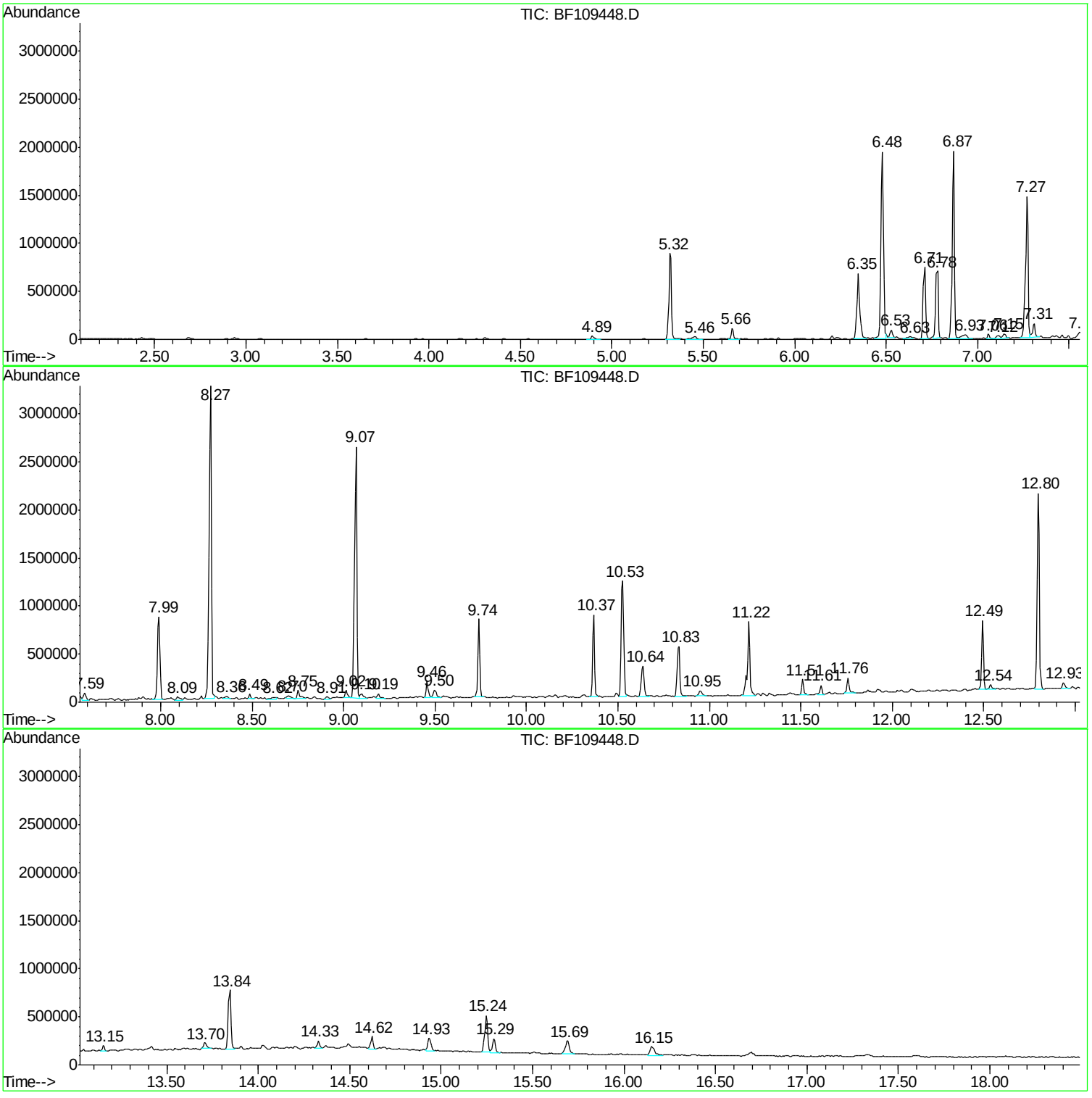
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-1329

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109448.D
Acq On : 28 Sep 2018 23:22
Operator : JU/SJ
Sample : J5101-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1329

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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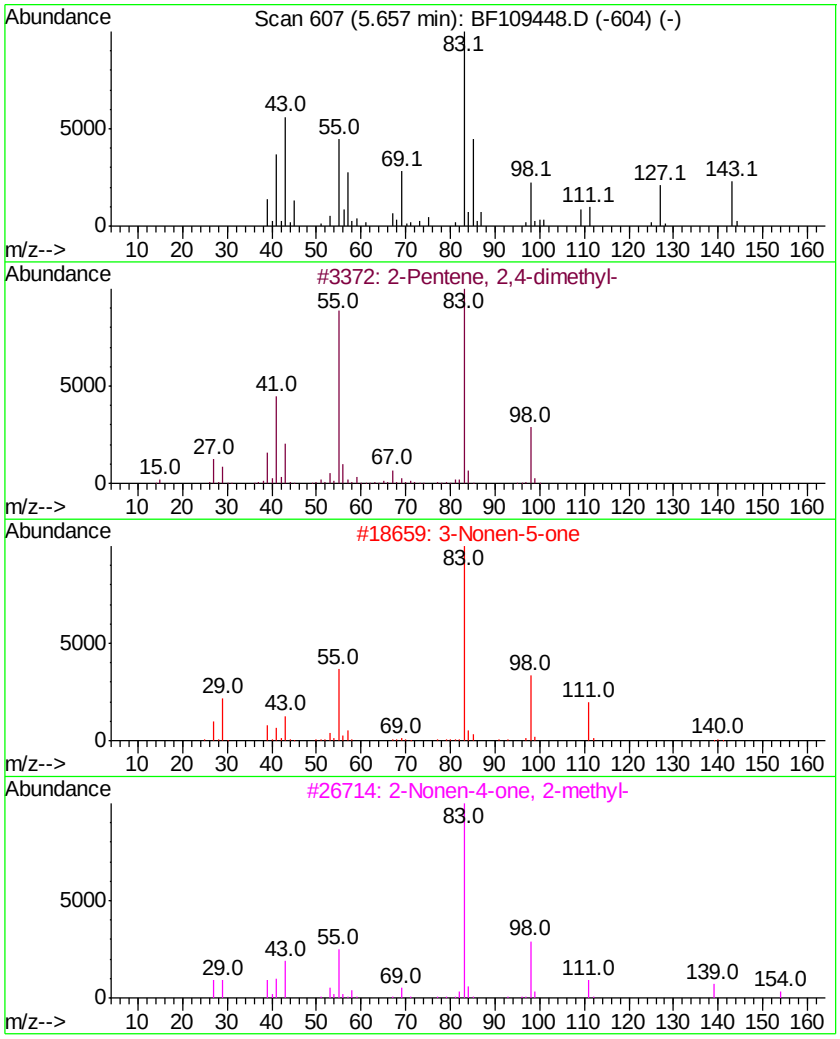
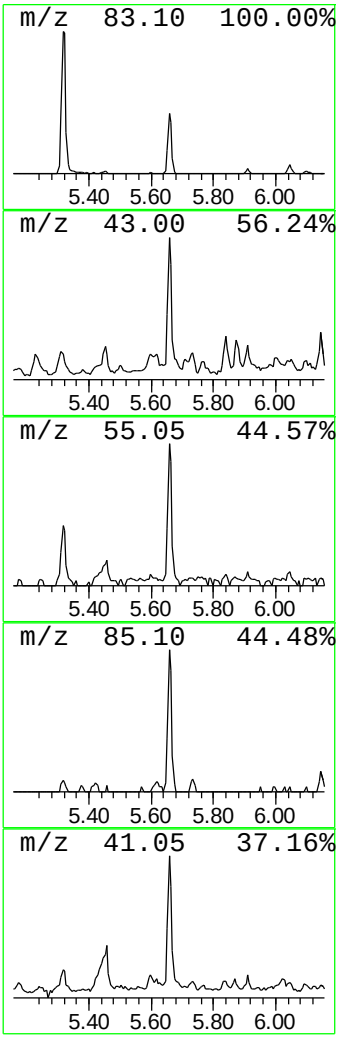
Peak Number 1 unknown5.66 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	3.46 ng	107637	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	45
2	3-Nonen-5-one	140	C9H16O	082456-34-6	43
3	2-Nonen-4-one, 2-methyl-	154	C10H18O	002903-23-3	43
4	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	43
5	1H-Pyrazole, 4,5-dihydro-5,5-dim...	98	C5H10N2	004320-85-8	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109448.D
Acq On : 28 Sep 2018 23:22
Operator : JU/SJ
Sample : J5101-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1329

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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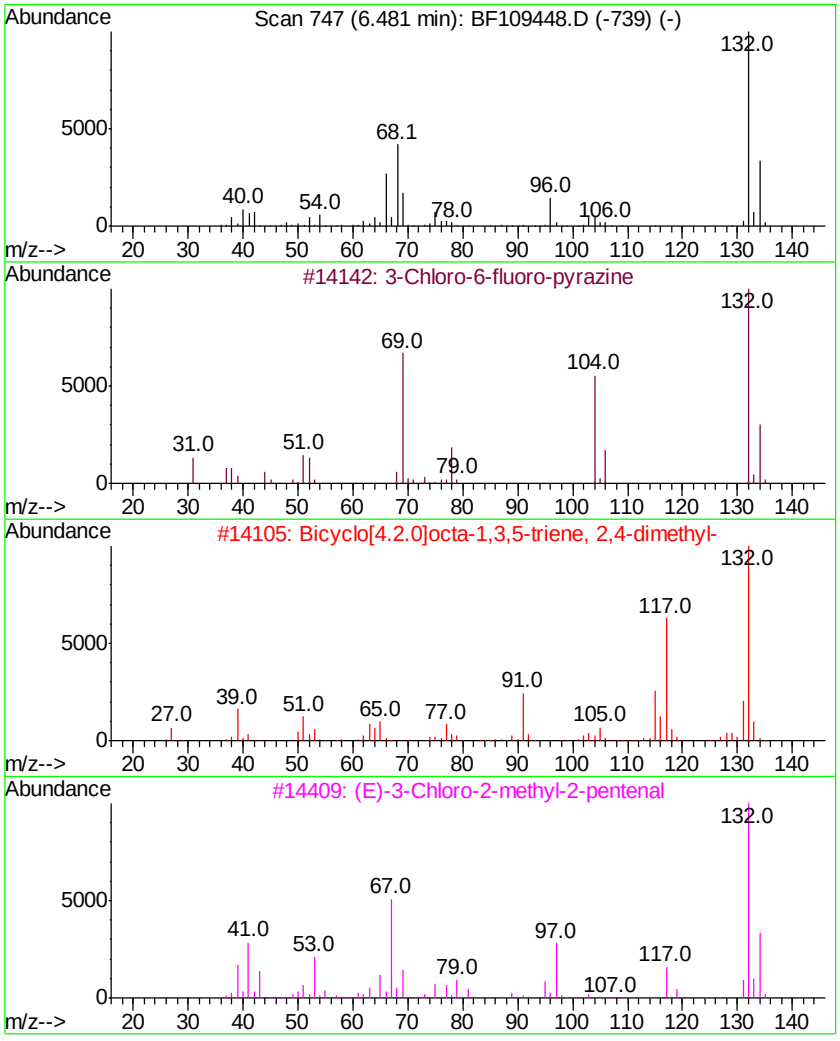
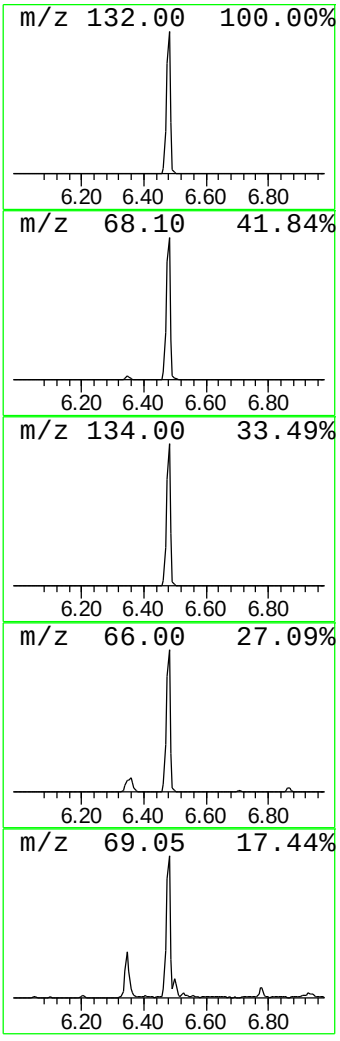
Peak Number 2 unknown6.48 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	56.82 ng	1766580	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Aminoindole	132	C8H8N2	005192-03-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109448.D
Acq On : 28 Sep 2018 23:22
Operator : JU/SJ
Sample : J5101-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1329

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

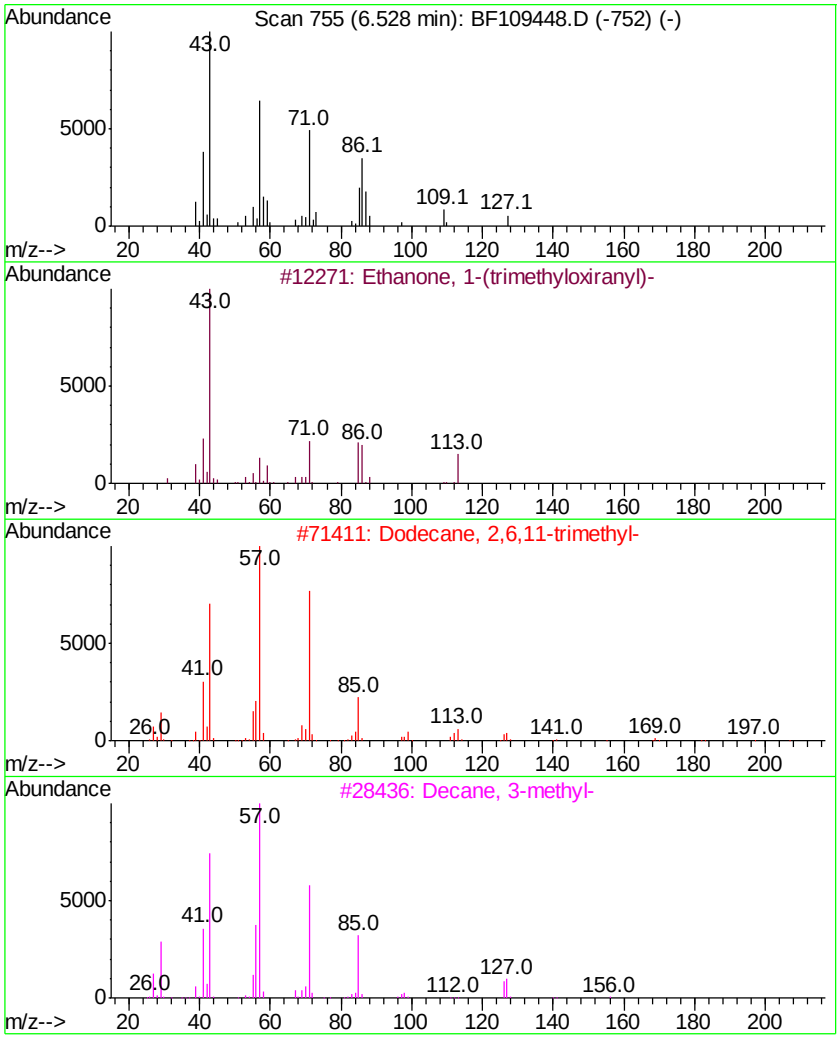
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

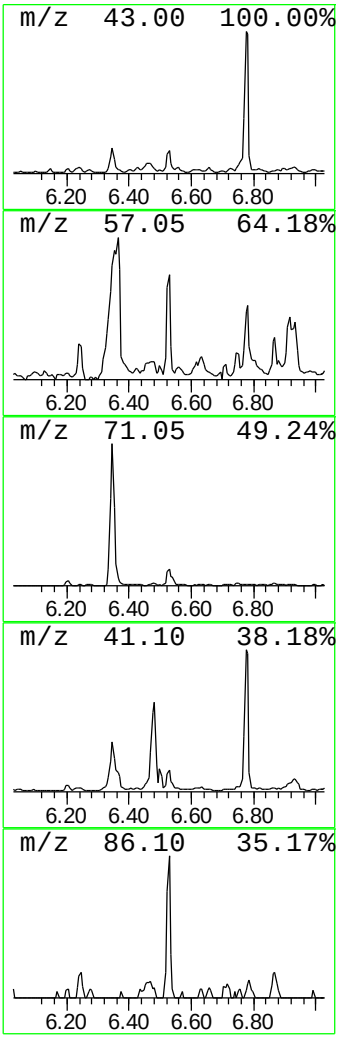
****

Peak Number 3 unknown6.53 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	2.65 ng	82333	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(trimethyloxiranyl)-	128	C7H12O2	015120-99-7	38
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	32
3	Decane, 3-methyl-	156	C11H24	013151-34-3	32
4	3-Heptanone, 4-methyl-	128	C8H16O	006137-11-7	32
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	32





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1329

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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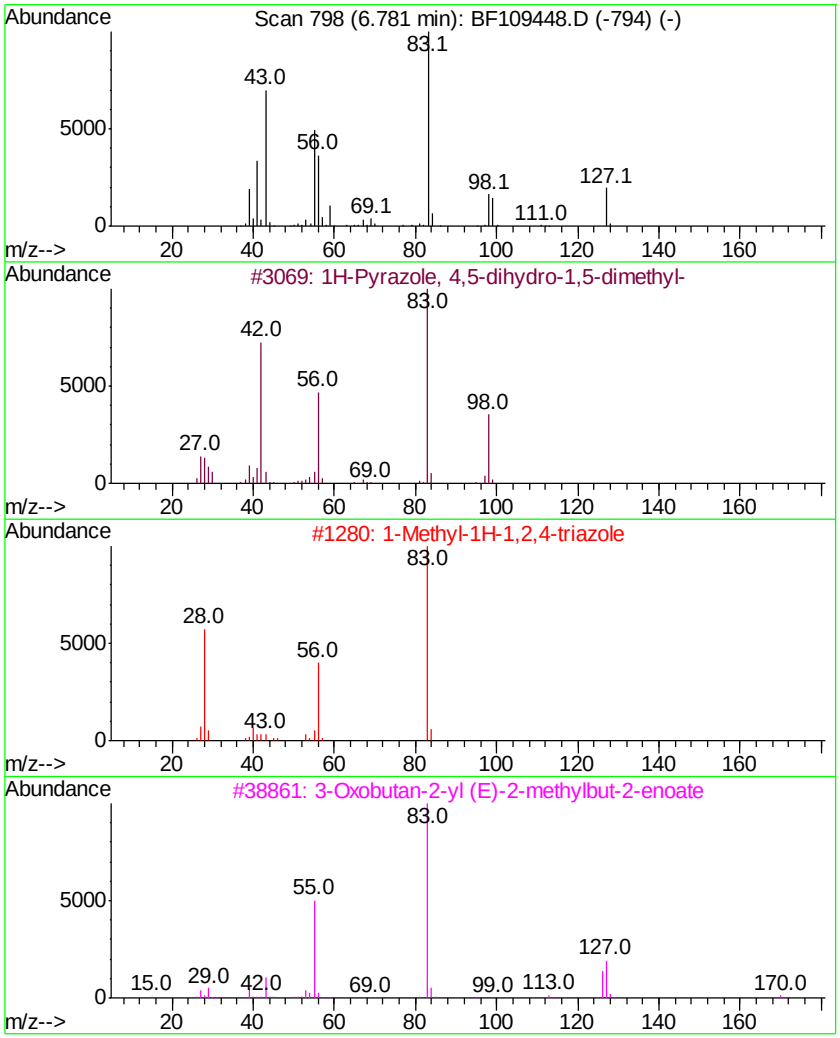
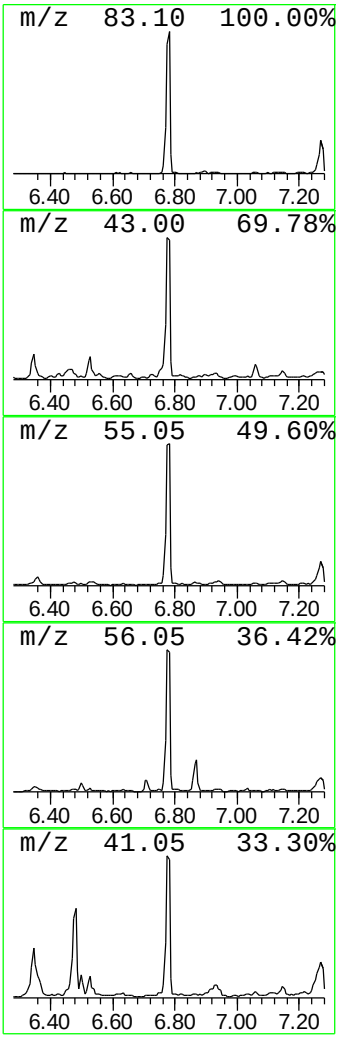
Peak Number 4 1H-Pyrazole, 4,5-dihydro-1,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	19.63 ng	610391	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	50
2	1-Methyl-1H-1,2,4-triazole	83	C3H5N3	006086-21-1	47
3	3-Oxobutan-2-yl (E)-2-methylbut-...	170	C9H14O3	1000373-71-9	42
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	40
5	3-Hexen-2-one	98	C6H10O	000763-93-9	38





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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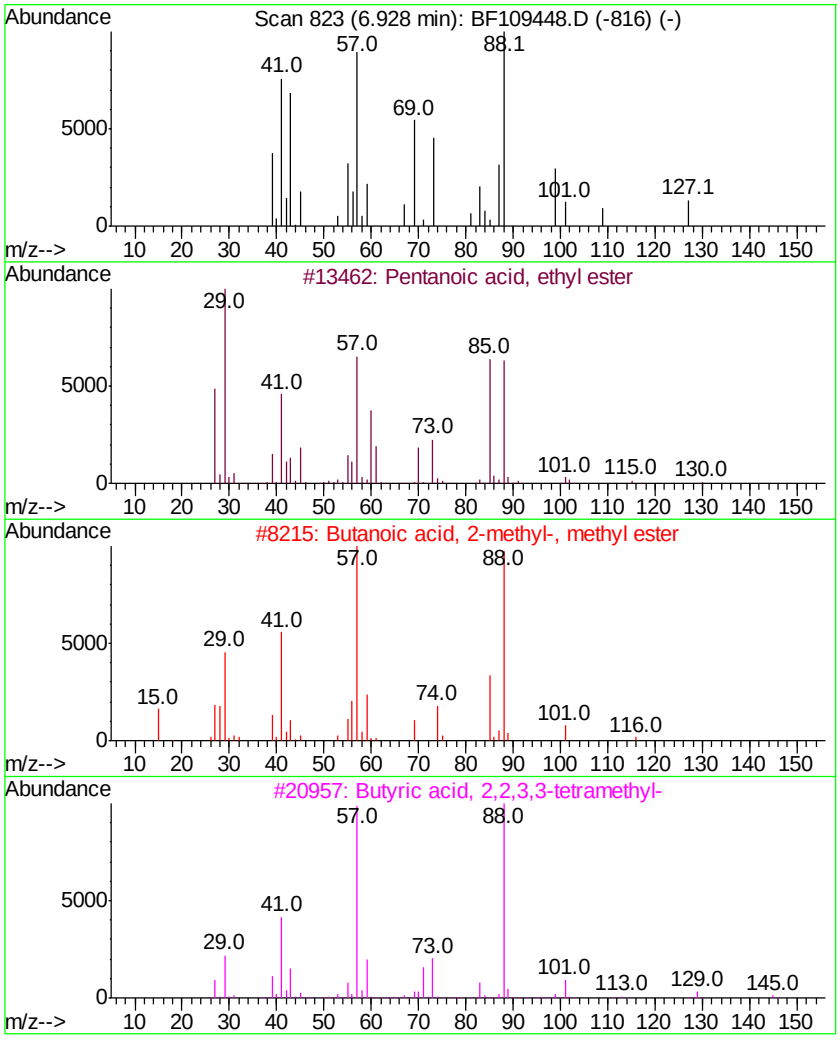
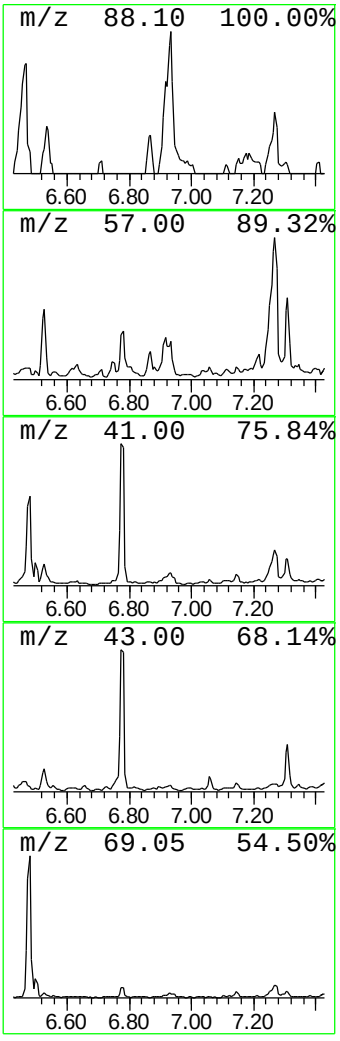
Peak Number 6 unknown6.93 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	3.13 ng	97274	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, ethyl ester	130	C7H14O2	000539-82-2	47
2	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	47
3	Butyric acid, 2,2,3,3-tetramethyl-	144	C8H16O2	030407-41-1	42
4	Methyl L-(+)-.beta.-hydroxyisobu...	118	C5H10O3	080657-57-4	38
5	Methyl (R)-(-)-3-hydroxy-2-methy...	118	C5H10O3	072657-23-9	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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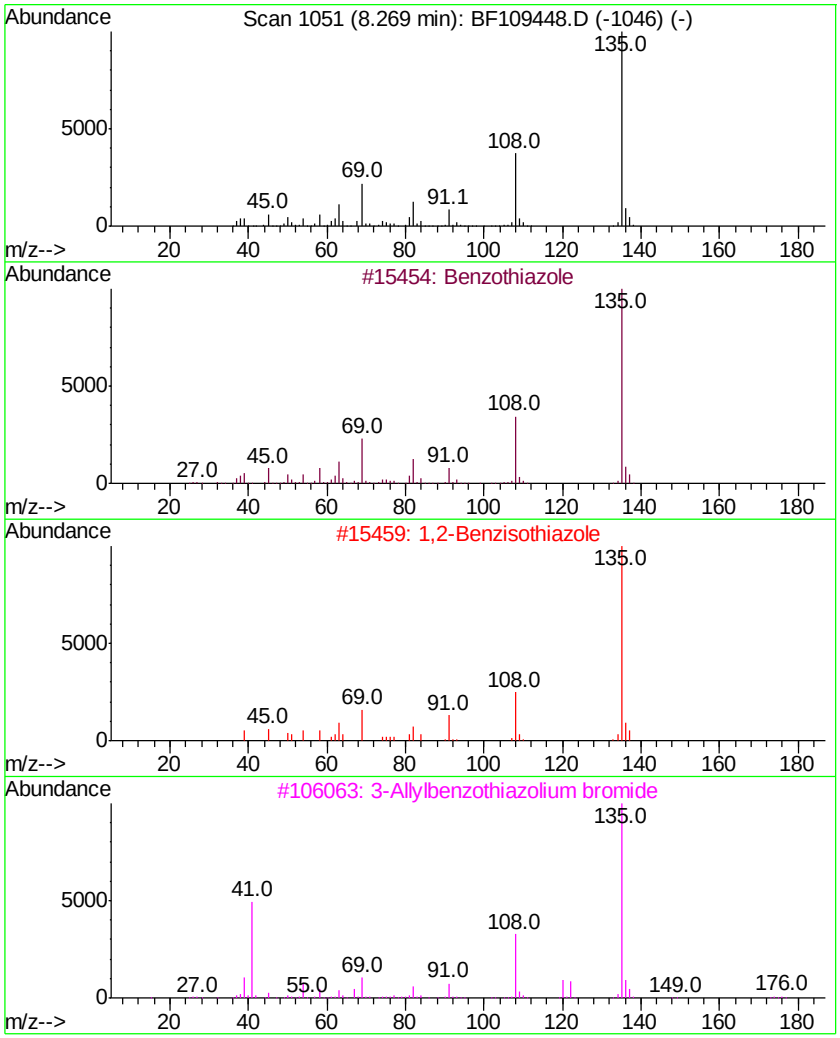
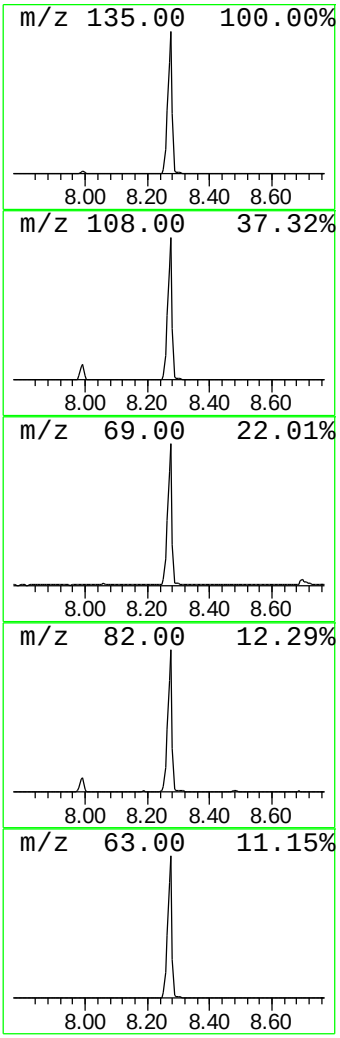
Peak Number 7 Benzothiazole Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	83.70 ng	3242420	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole	135	C7H5NS	000095-16-9	97
2	1,2-Benzisothiazole	135	C7H5NS	000272-16-2	91
3	3-Allylbenzothiazolium bromide	255	C10H10BrNS	016407-55-9	78
4	2-Fluoro-4-cyanotoluene	135	C8H6FN	170572-49-3	72
5	1H-Indole, 5-fluoro-	135	C8H6FN	000399-52-0	64





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Data File : BF109448.D
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Operator : JU/SJ
Sample : J5101-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1329

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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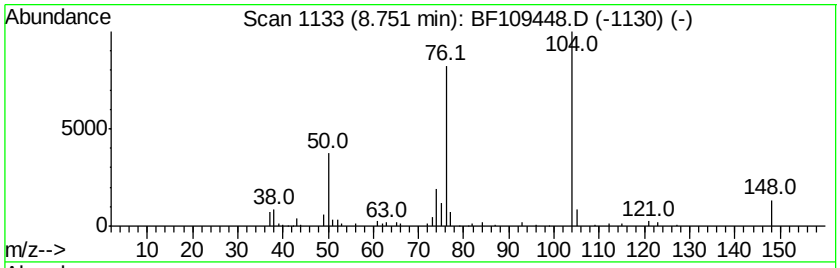
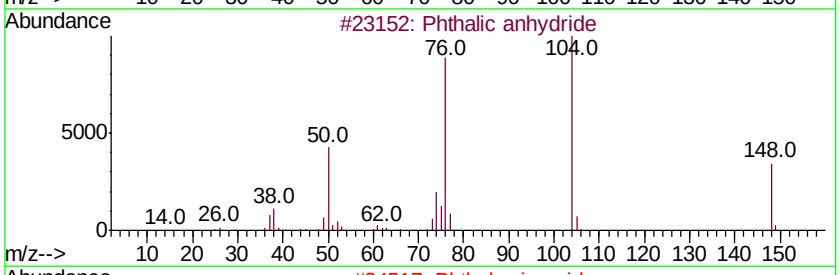
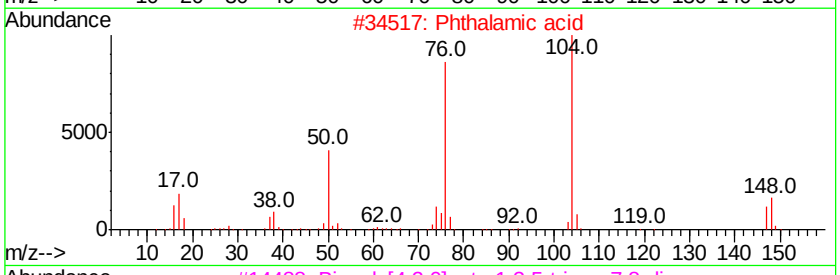
Peak Number 8 Phthalic anhydride Concentration Rank 19

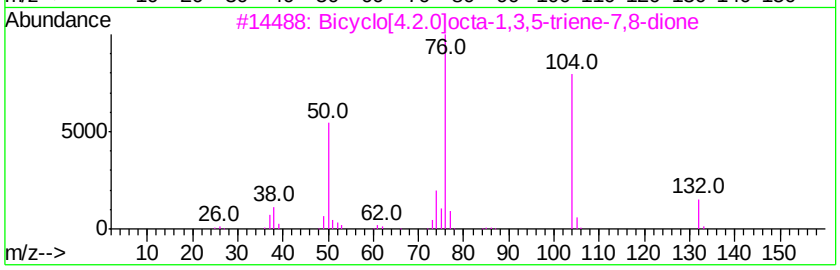
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	2.35 ng	91218	Naphthalene-d8	7.99

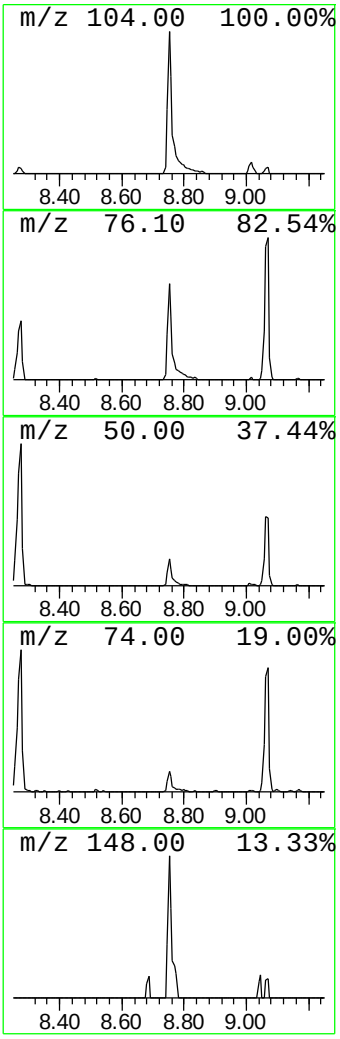
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	94
2	Phthalamic acid	165	C8H7NO3	000088-97-1	83
3	Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	80
4	1H-Isoindole-1,3(2H)-dione, 2-(h...	177	C9H7NO3	000118-29-6	78
5	1H-Isoindole-1,3(2H)-dione, 2-(2...	201	C11H7NO3	004616-63-1	64











Library Search Compound Report

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Data File : BF109448.D
Acq On : 28 Sep 2018 23:22
Operator : JU/SJ
Sample : J5101-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1329

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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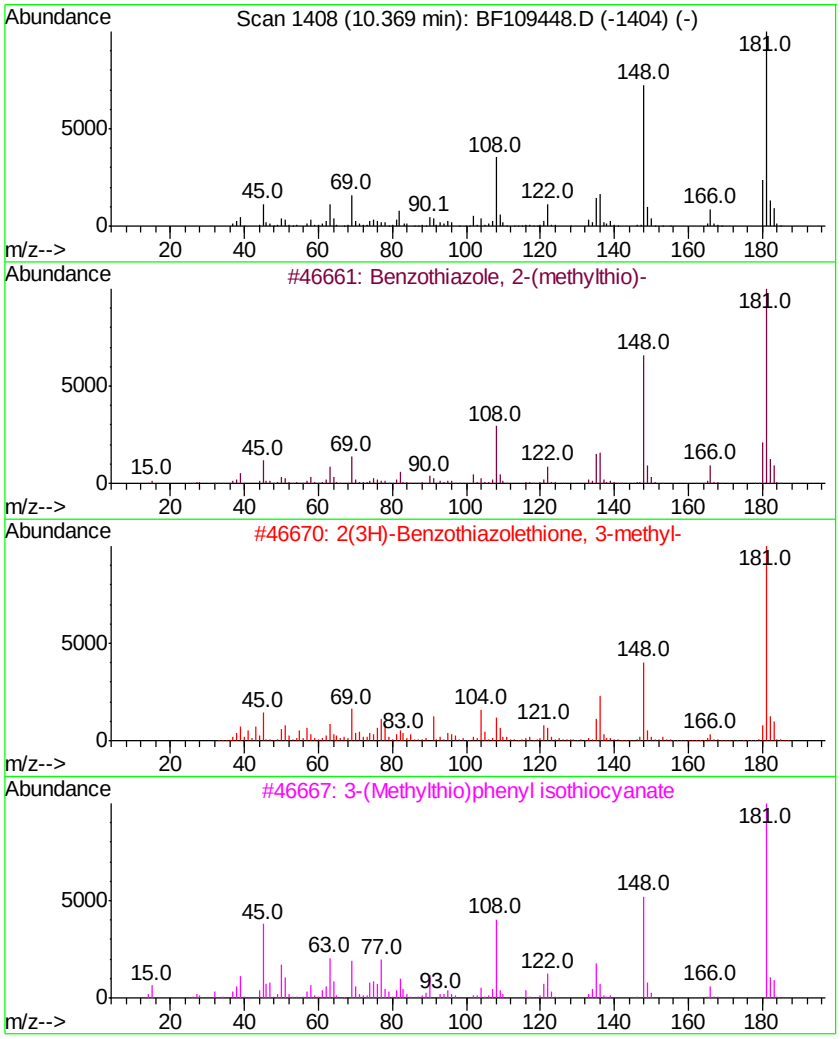
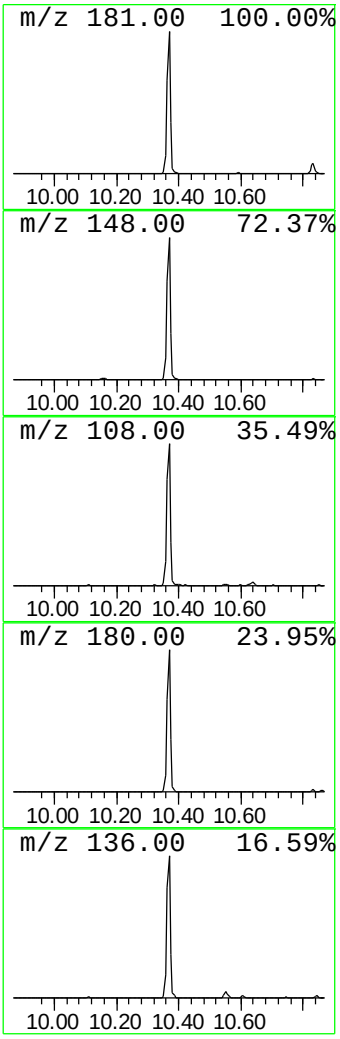
Peak Number 9 Benzothiazole, 2-(methylthio)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	21.09 ng	687161	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole, 2-(methylthio)-	181	C8H7NS2	000615-22-5	99
2	2(3H)-Benzothiazolethione, 3-met...	181	C8H7NS2	002254-94-6	87
3	3-(Methylthio)phenyl isothiocyanate	181	C8H7NS2	051333-80-3	83
4	2-(Methylthio)phenyl isothiocyanate	181	C8H7NS2	051333-75-6	74
5	4H-1,2,4-Triazole-3-thiol, 5-(2-...	181	C7H7N3OS	027106-14-5	43





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Operator : JU/SJ
Sample : J5101-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1329

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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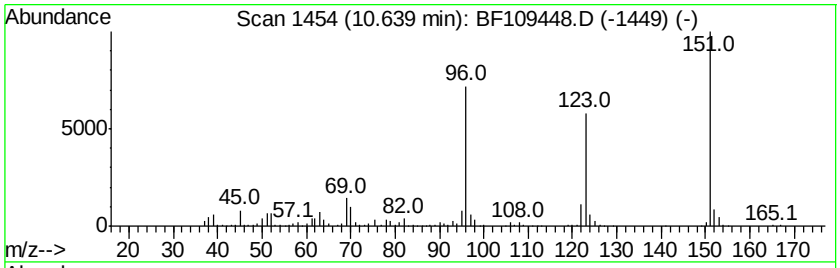
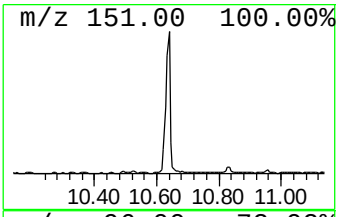
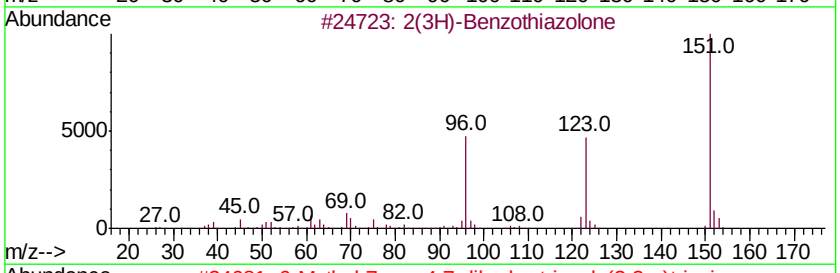
Peak Number 10 2(3H)-Benzothiazolone Concentration Rank 9

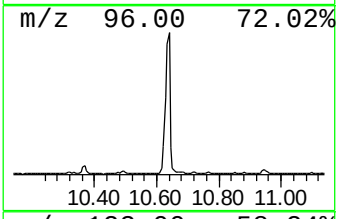
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	8.33 ng	332239	Phenanthrene-d10	11.22

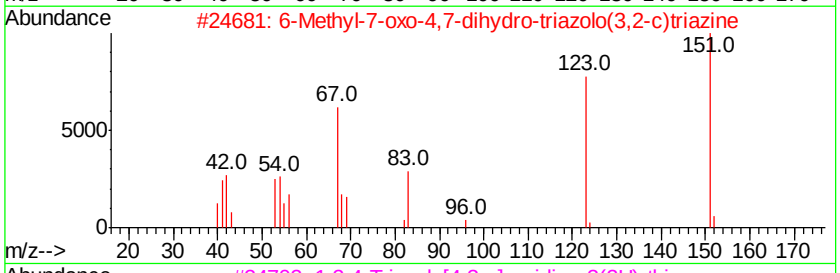
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	95
2	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	47
3	1,2,4-Triazolo[4,3-a]pyridine-3(...	151	C6H5N3S	006952-68-7	38
4	4-Mercaptoimidazo[4,5-c]pyridine	151	C6H5N3S	034550-51-1	38
5	2(3H)-Benzoxazolethione	151	C7H5NOS	002382-96-9	38

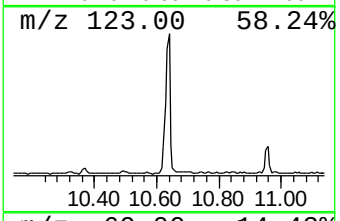


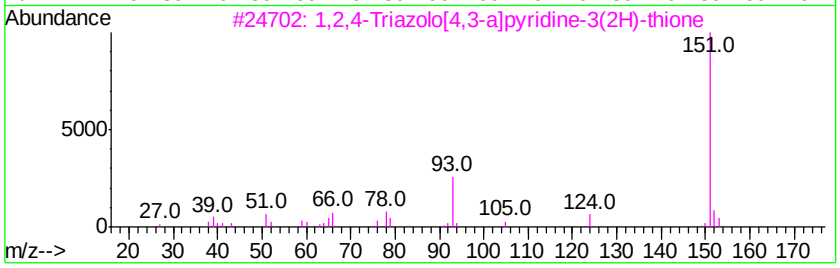


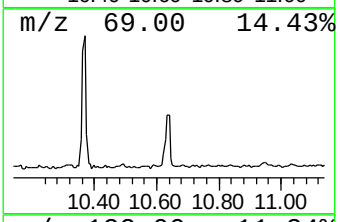


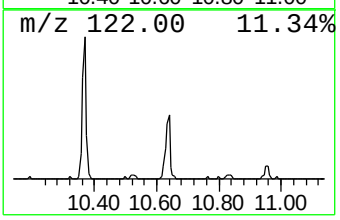












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Sample : J5101-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1329

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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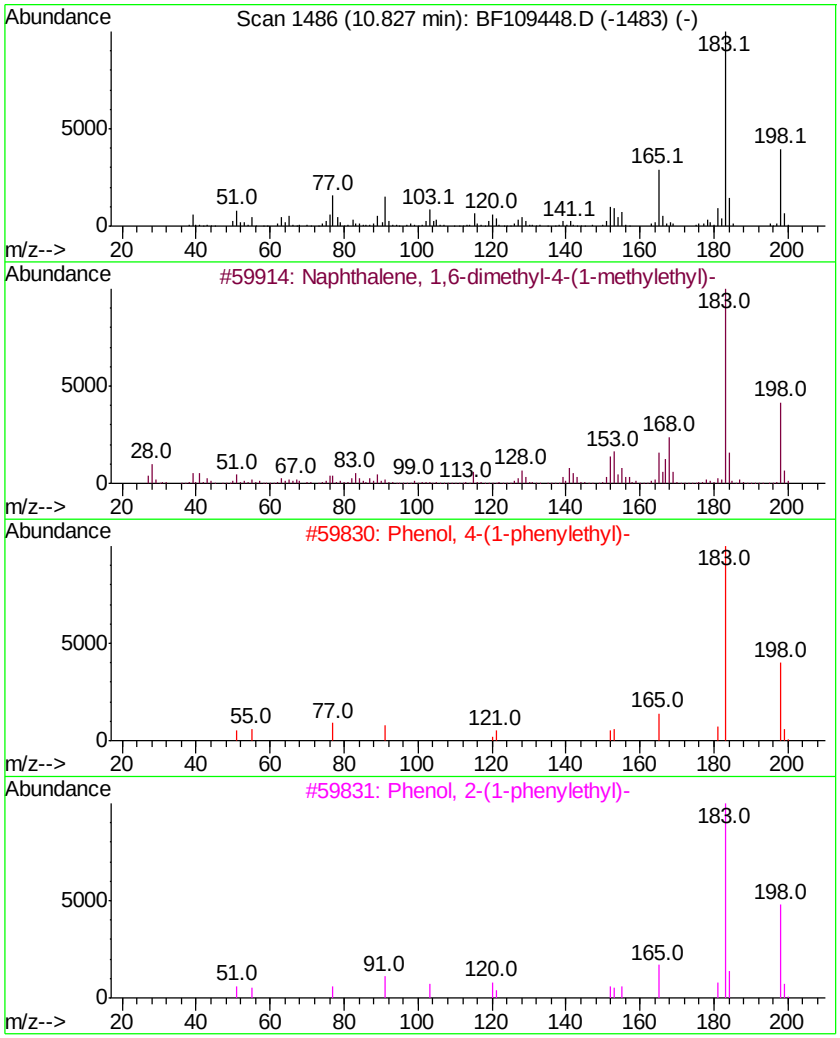
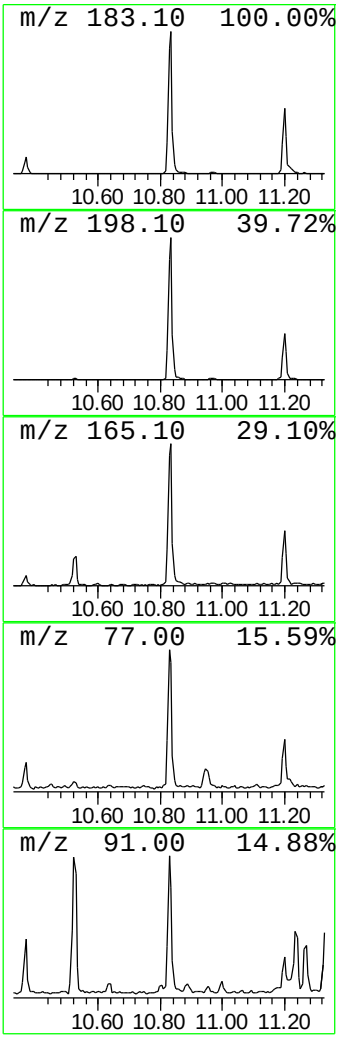
Peak Number 11 Naphthalene, 1,6-dimethyl-4... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	12.59 ng	502075	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	83
2	Phenol, 4-(1-phenylethyl)-	198	C14H14O	001988-89-2	74
3	Phenol, 2-(1-phenylethyl)-	198	C14H14O	004237-44-9	64
4	Cyclopropanecarboxylic acid, 3-(...	390	C21H20Cl2O3	051877-74-8	50
5	Permethrine	390	C21H20Cl2O3	052645-53-1	50





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1329

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

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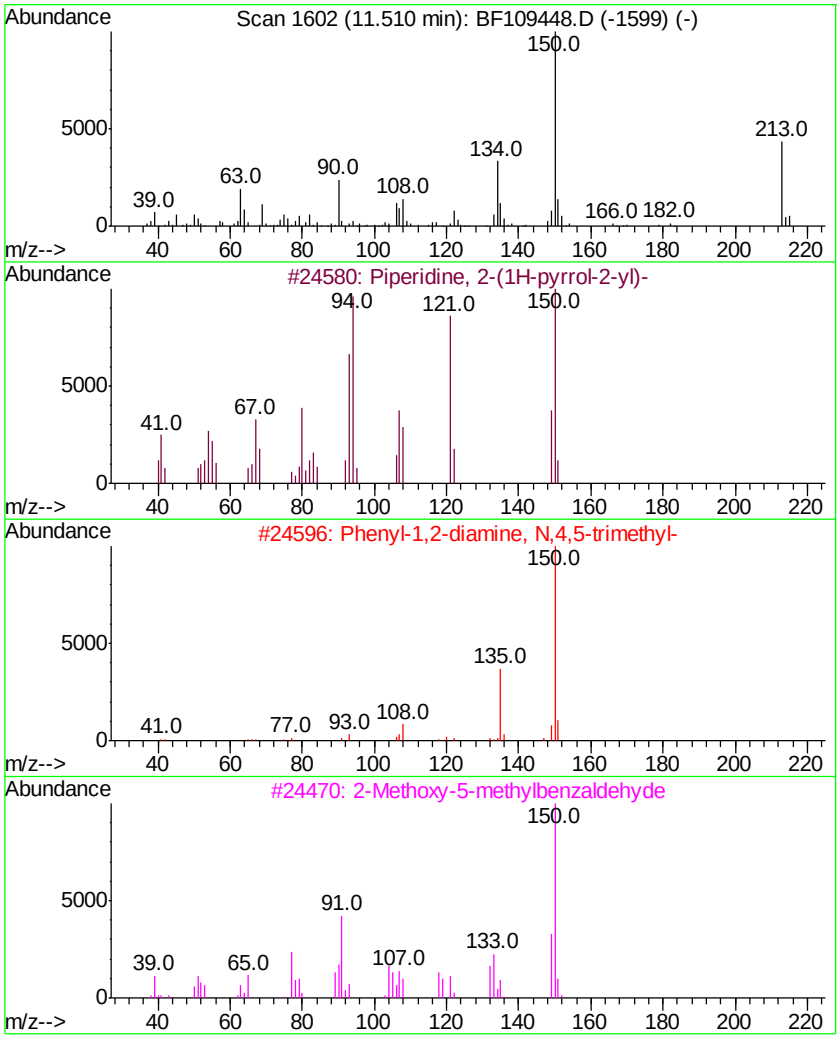
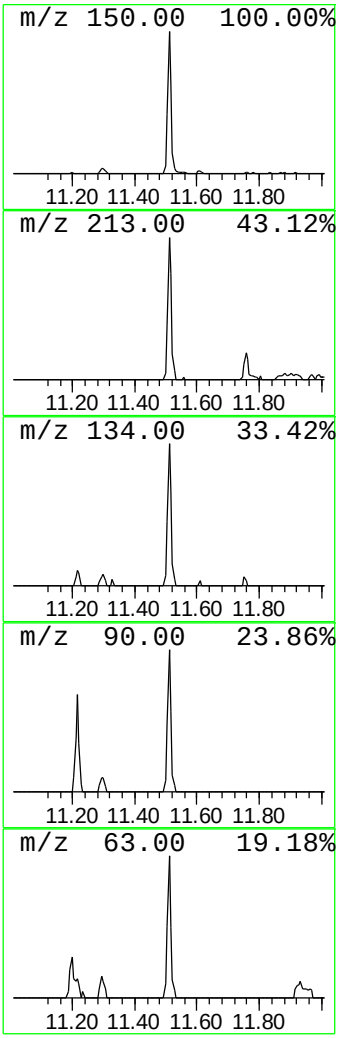
Peak Number 12 unknown11.51 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	3.44 ng	137383	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperidine, 2-(1H-pyrrol-2-yl)-	150	C9H14N2	054966-12-0	43
2	Phenyl-1,2-diamine, N,4,5-trimet...	150	C9H14N2	017978-55-1	38
3	2-Methoxy-5-methylbenzaldehyde	150	C9H10O2	007083-19-4	38
4	2H-Benzimidazole-2-thione, 1,3-d...	150	C7H6N2S	1000362-06-6	38
5	Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	38





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Instrument : BNA_F
ClientSampleId : C-1329

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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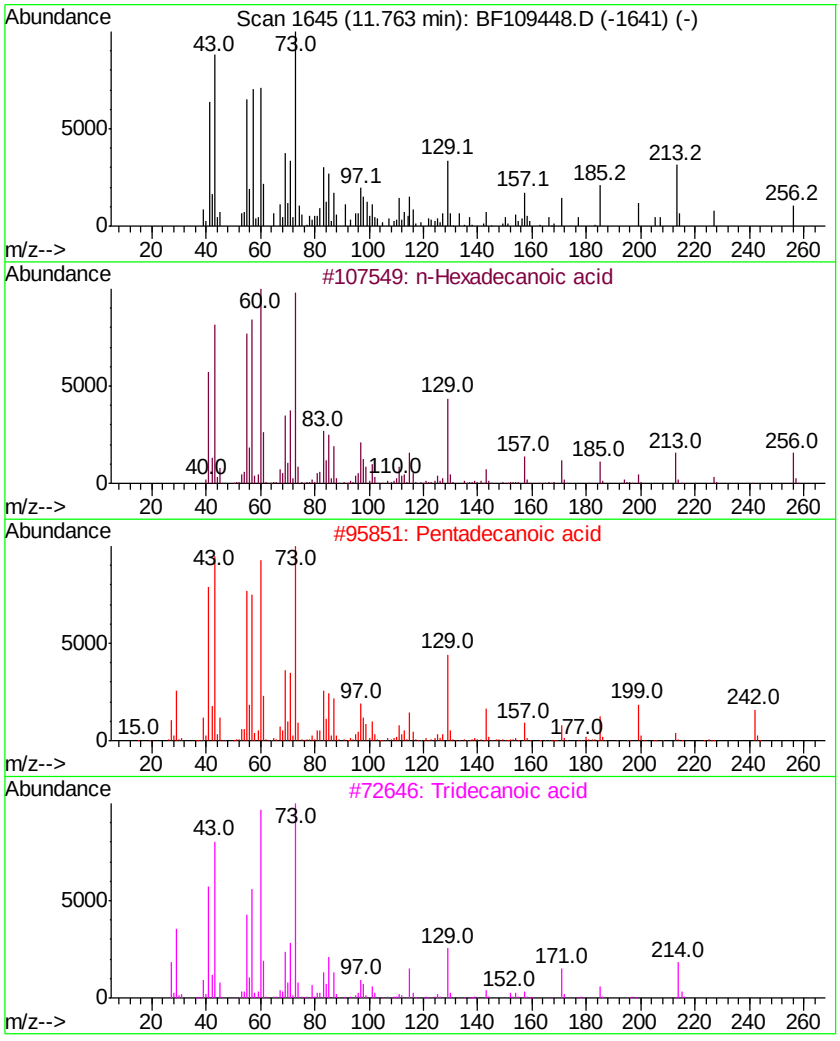
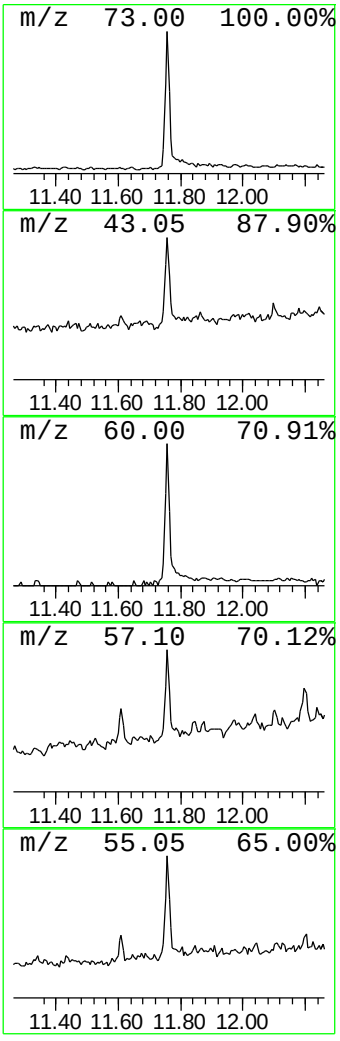
Peak Number 13 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	4.09 ng	163366	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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Misc :
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Instrument : BNA_F
ClientSampleId : C-1329

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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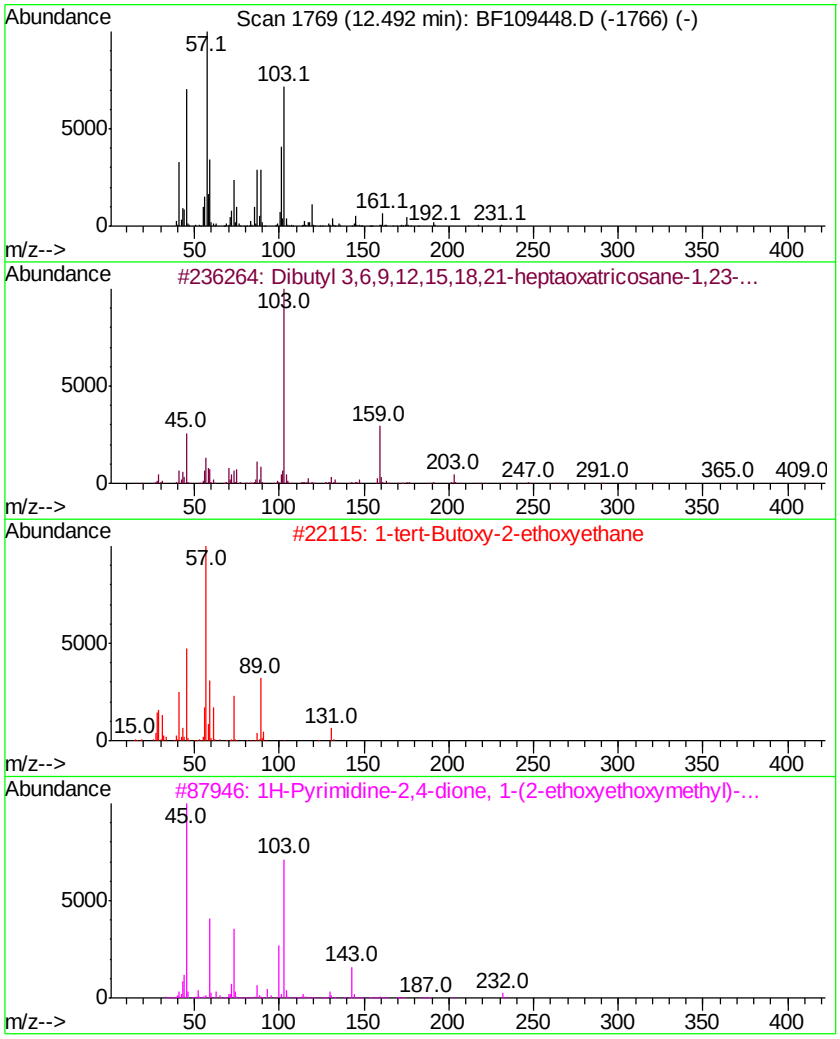
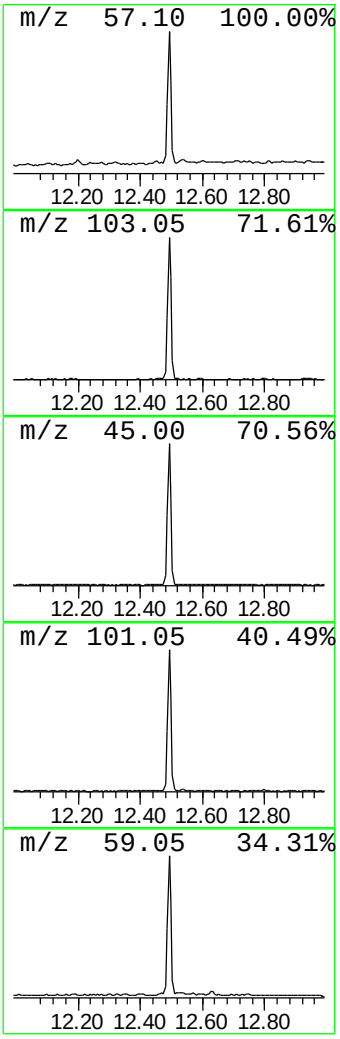
Peak Number 14 unknown12.49 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	14.63 ng	583555	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibutyl 3,6,9,12,15,18,21-heptao...	510	C24H46O11	1000366-79-9	38
2	1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	38
3	1H-Pyrimidine-2,4-dione, 1-(2-et...	232	C9H13FN2O4	1000310-13-7	38
4	Dibutyl 3,6,9,12,15,18-hexaoxaic...	466	C22H42O10	1000366-80-0	35
5	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	27





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Misc :
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Instrument : BNA_F
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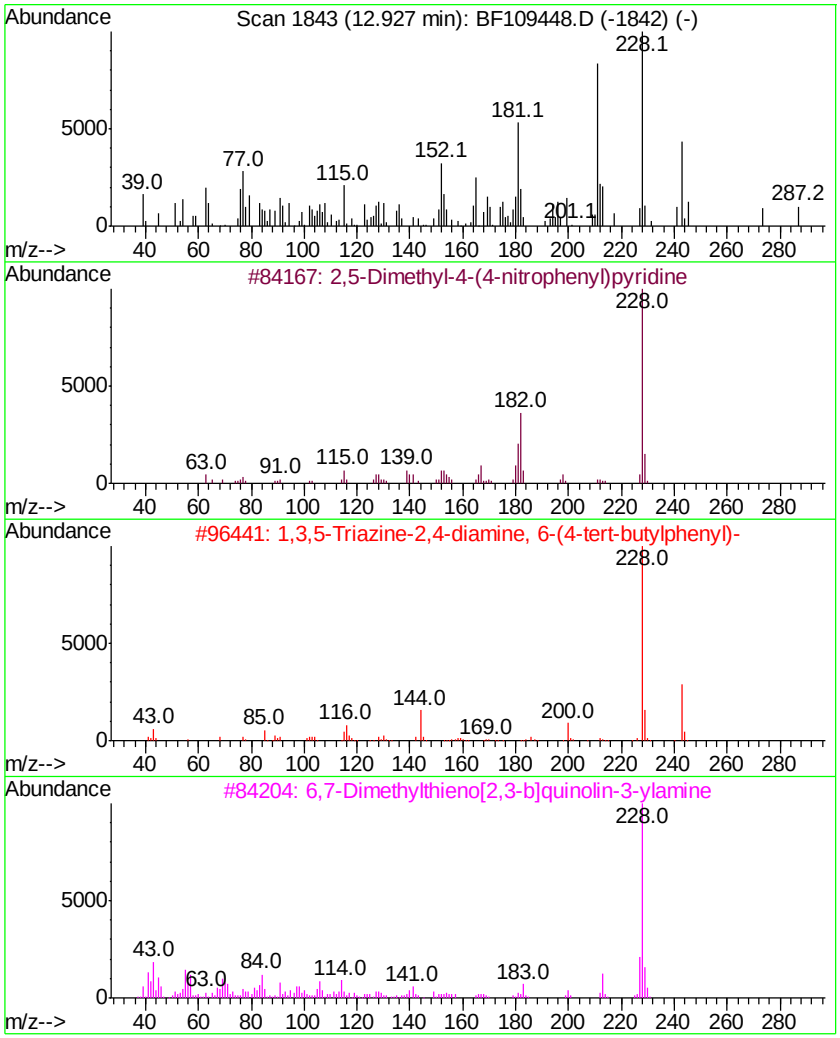
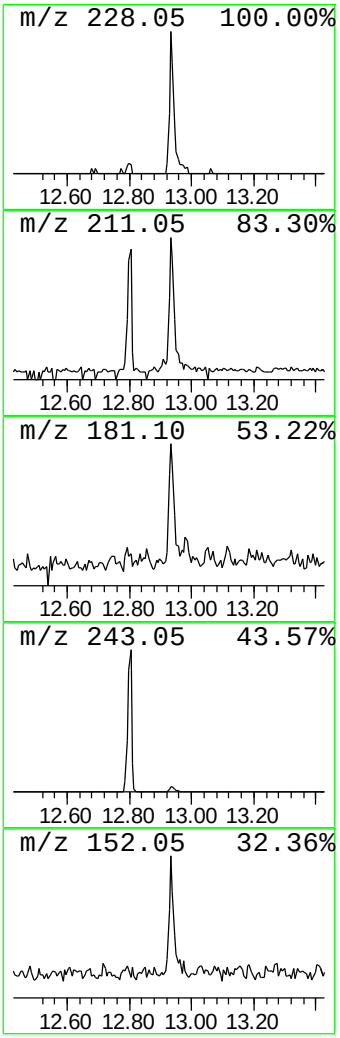
Peak Number 15 unknown12.93 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	2.31 ng	66204	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dimethyl-4-(4-nitrophenyl)py...	228	C13H12N2O2	059195-23-2	45
2	1,3,5-Triazine-2,4-diamine, 6-(4...	243	C13H17N5	059386-76-4	43
3	6,7-Dimethylthieno[2,3-b]quinoli...	228	C13H12N2S	1000306-62-3	30
4	3-Oxo-3,4-dihydro-2H-benzo[1,4]o...	228	C8H8N2O4S	027320-80-5	30
5	1-Naphthalenamine, 4-isothiocyan...	228	C13H12N2S	029711-79-3	30





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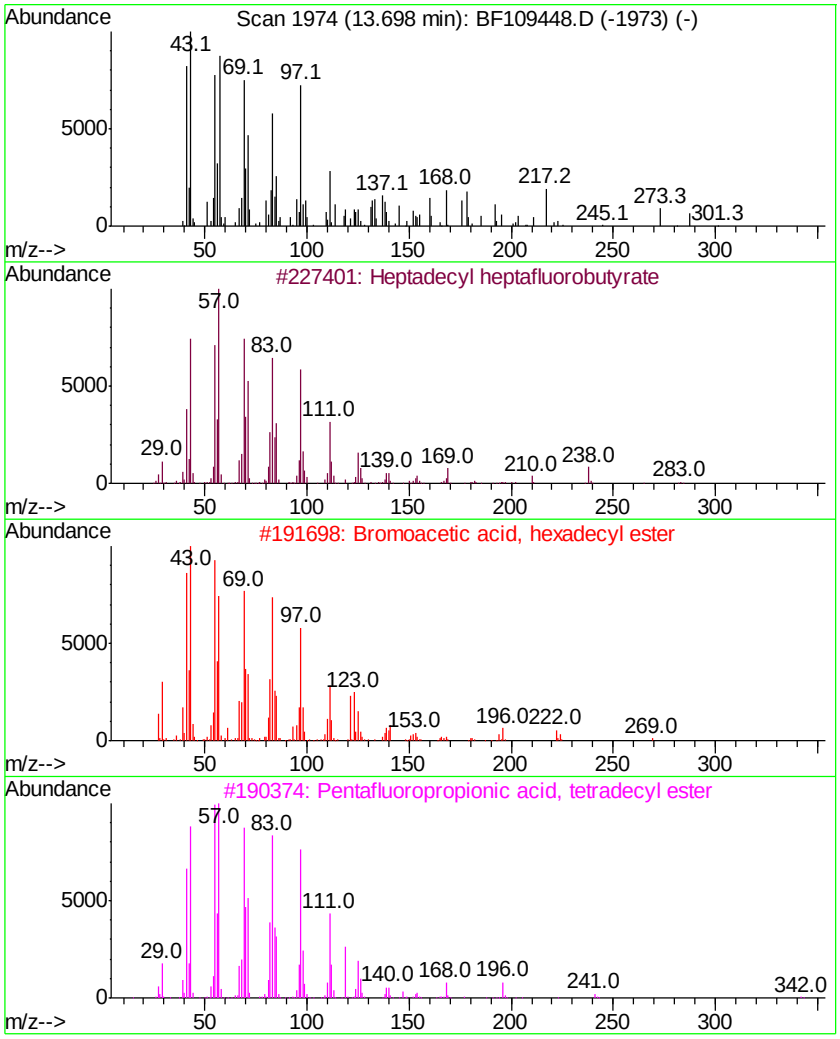
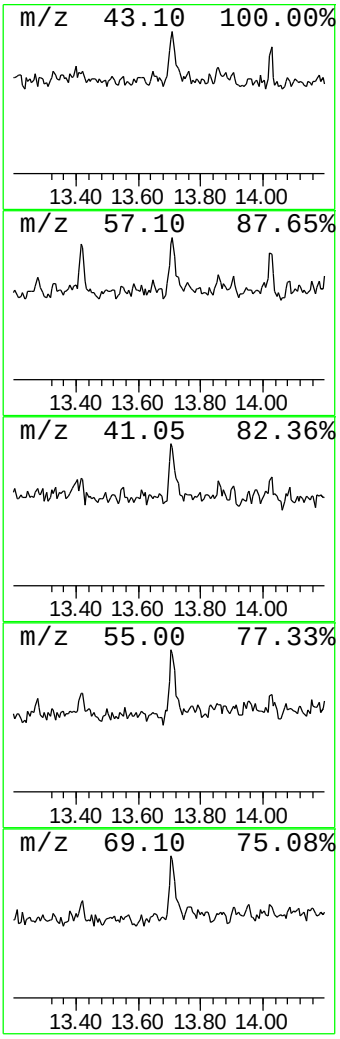
Peak Number 16 Heptadecyl heptafluorobutyrate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	2.83 ng	81140	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	83
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	80
4	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	74
5	1-Hexacosanol	382	C26H54O	000506-52-5	72





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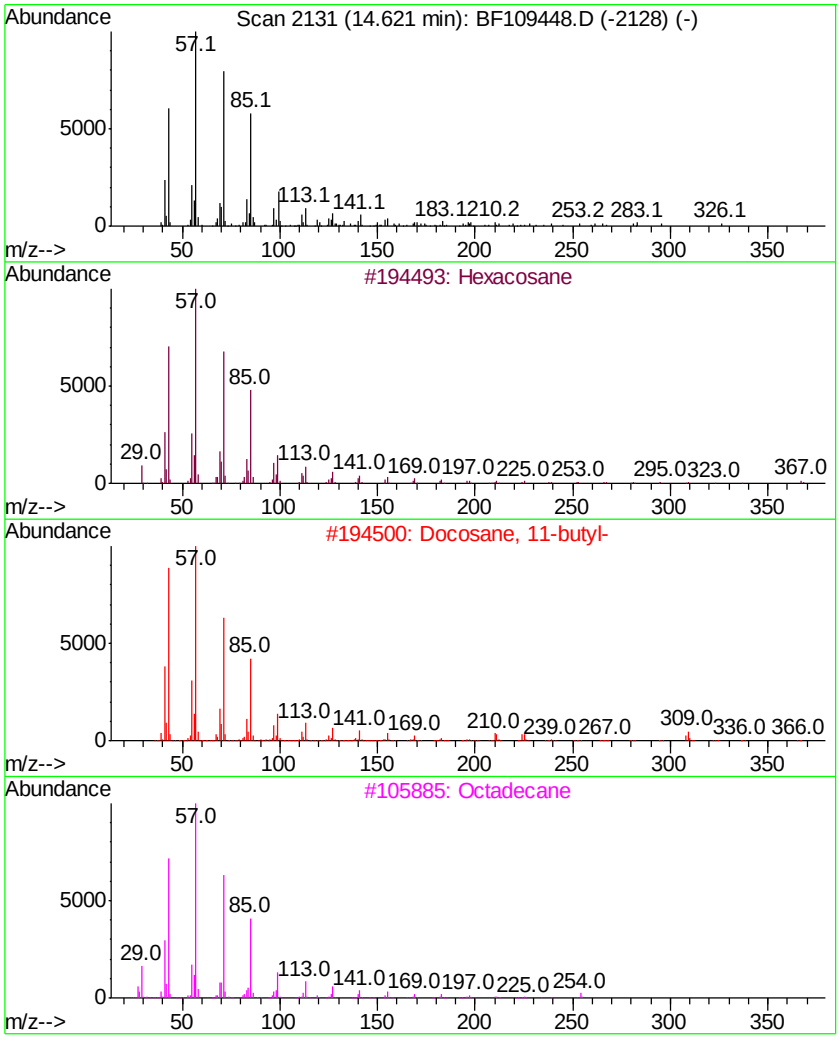
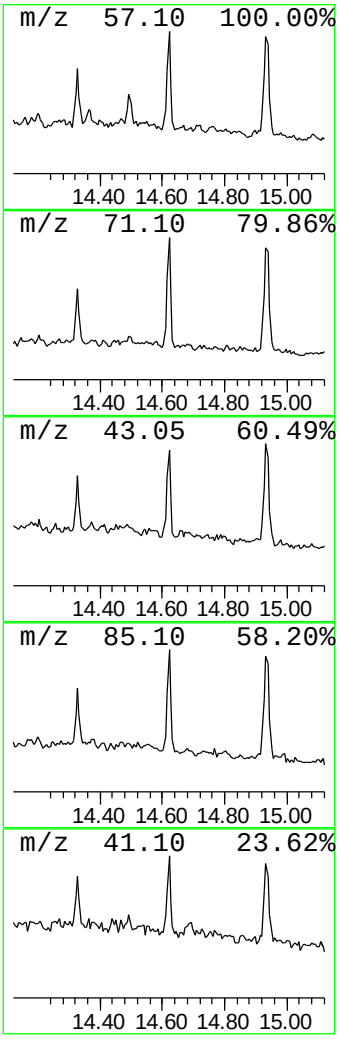
Peak Number 17 Hexacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	5.21 ng	110328	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
3	Octadecane	254	C18H38	000593-45-3	80
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	72
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72





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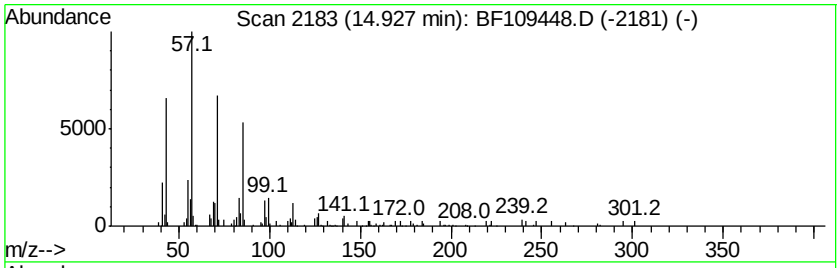
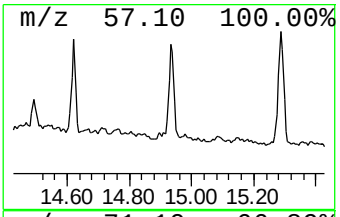
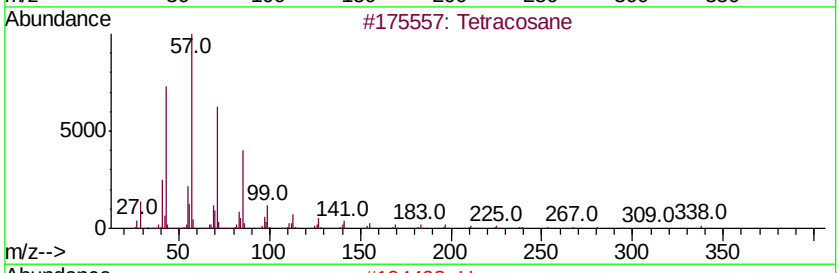
Peak Number 18 Tetracosane Concentration Rank 11

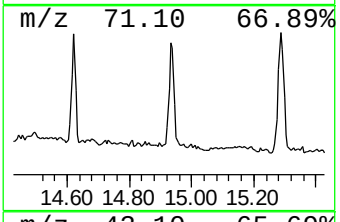
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	7.15 ng	151348	Perylene-d12	15.24

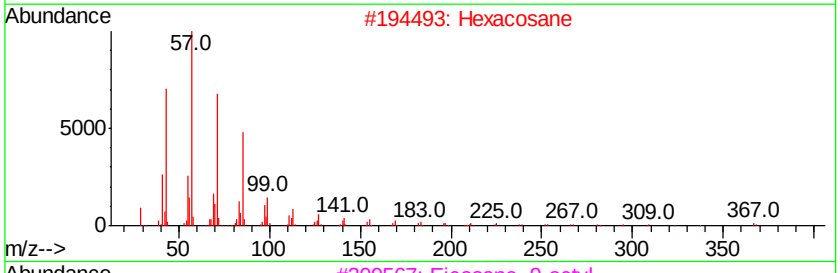
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5	Heptacosane	380	C27H56	000593-49-7	87

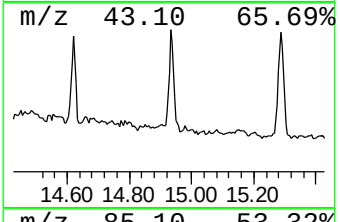


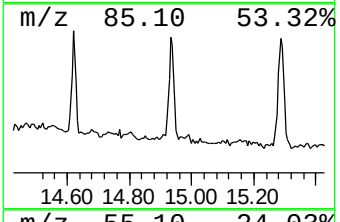


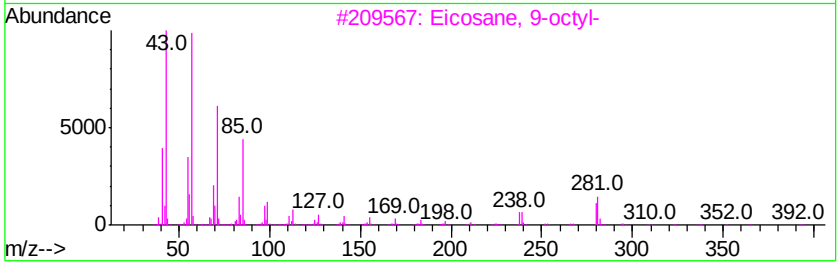


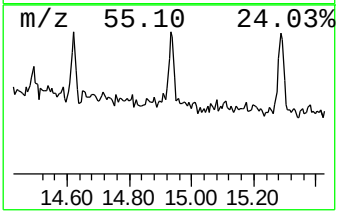












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109448.D
Acq On : 28 Sep 2018 23:22
Operator : JU/SJ
Sample : J5101-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1329

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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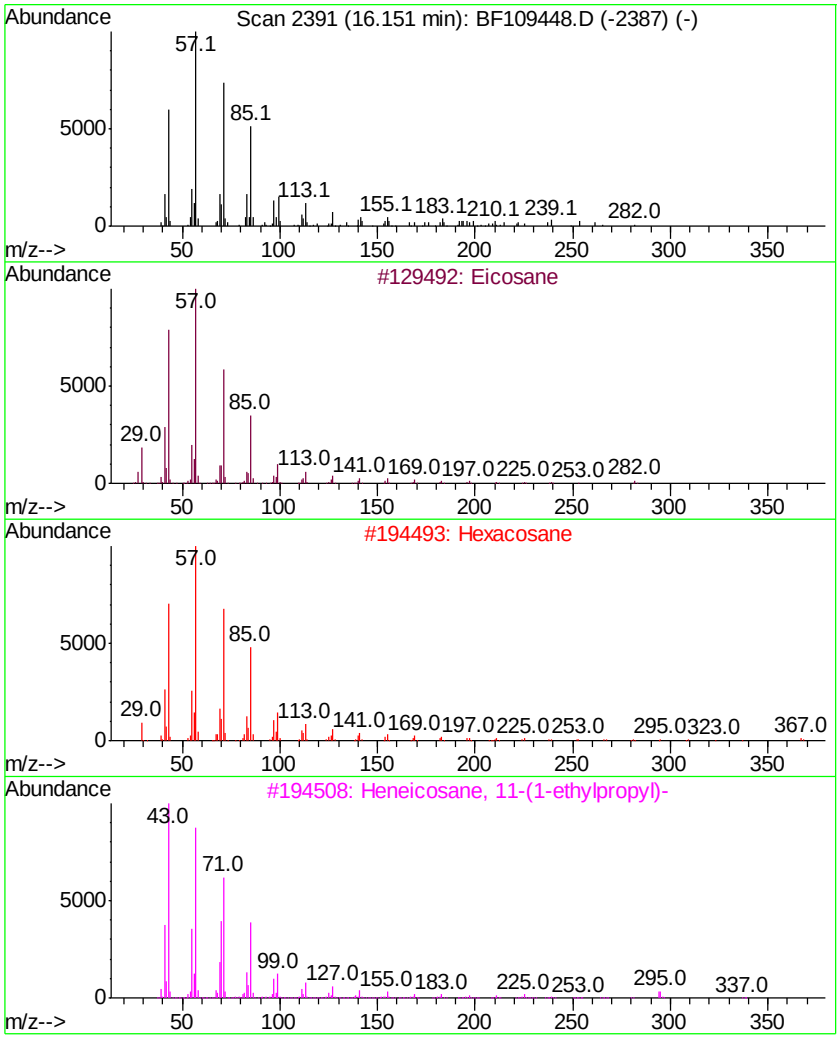
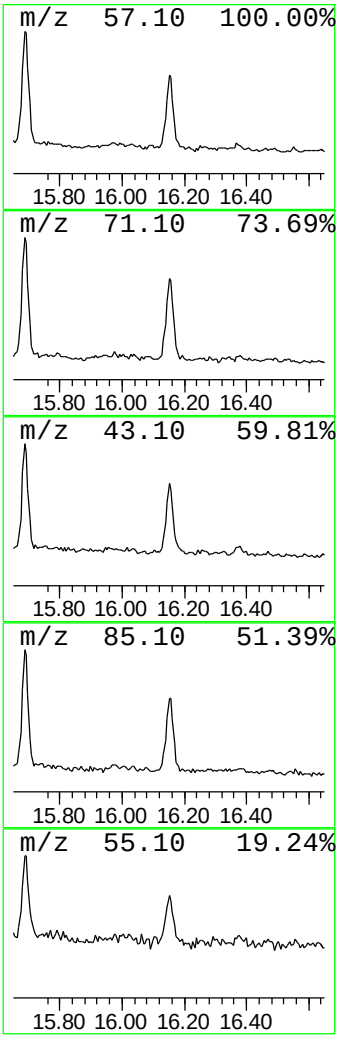
Peak Number 20 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	7.44 ng	157526	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5	Octacosane	394	C28H58	000630-02-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
Data File : BF109448.D
Acq On : 28 Sep 2018 23:22
Operator : JU/SJ
Sample : J5101-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-1329

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown5.66	5.66	3.5	ng	107637	1	6.71	621770	20.0
unknown6.48	6.48	56.8	ng	1766580	1	6.71	621770	20.0
unknown6.53	6.53	2.6	ng	82333	1	6.71	621770	20.0
1H-Pyrazole, 4,5-...	6.78	19.6	ng	610391	1	6.71	621770	20.0
unknown6.93	6.93	3.1	ng	97274	1	6.71	621770	20.0
Benzothiazole	8.27	83.7	ng	3242420	2	7.99	774794	20.0
Phthalic anhydride	8.75	2.4	ng	91218	2	7.99	774794	20.0
Benzothiazole, 2-...	10.37	21.1	ng	687161	3	9.74	651578	20.0
2(3H)-Benzothiazo...	10.64	8.3	ng	332239	4	11.22	797893	20.0
Naphthalene, 1,6-...	10.83	12.6	ng	502075	4	11.22	797893	20.0
unknown11.51	11.51	3.4	ng	137383	4	11.22	797893	20.0
n-Hexadecanoic acid	11.76	4.1	ng	163366	4	11.22	797893	20.0
unknown12.49	12.49	14.6	ng	583555	4	11.22	797893	20.0
unknown12.93	12.93	2.3	ng	66204	5	13.84	573772	20.0
Heptadecyl heptaf...	13.70	2.8	ng	81140	5	13.84	573772	20.0
Hexacosane	14.62	5.2	ng	110328	6	15.24	423468	20.0
Tetracosane	14.93	7.2	ng	151348	6	15.24	423468	20.0
Eicosane	16.15	7.4	ng	157526	6	15.24	423468	20.0