LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109098.D
Acq On : 18 Sep 2018 16:26
Operator : JU/SJ
Sample : J4936-39
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26KV

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-BF091418.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	4.313	331	336	344	rBV2	50980	73826	4.18%	0.414%
2	4.895	432	435	442	rVB2	52015	78420	4.44%	0.439%
3	5.319	504	507	511	rVB	1324602	1297951	73.41%	7.271%
4	5.637	557	561	566	rBV2	57282	67439	3.81%	0.378%
5	6.160	647	650	656	rVB4	60619	79124	4.48%	0.443%
6	6.348	679	682	688	rVB	1351546	1311997	74.20%	7.350%
7	6.489	701	706	709	rBV	1492630	1386231	78.40%	7.766%
8	6.719	742	745	748	rBV	748751	608638	34.42%	3.410%
9	6.878	768	772	775	rBV	1330749	1058311	59.86%	5.929%
10	7.278	834	840	843	rBV	936895	802439	45.38%	4.495%
11	7.336	847	850	853	rVB	79594	69840	3.95%	0.391%
12	7.742	916	919	922	rBV2	47726	53473	3.02%	0.300%
13	8.001	959	963	966	rBV	982054	764009	43.21%	4.280%
14	8.348	1019	1022	1026	rBV	59217	63753	3.61%	0.357%
15	8.442	1035	1038	1041	rBV	60436	53202	3.01%	0.298%
16	8.607	1063	1066	1069	rBV	86912	71820	4.06%	0.402%
17	8.713	1079	1084	1088	rBV3	179532	187413	10.60%	1.050%
18	8.760	1088	1092	1098	rVV	80101	105279	5.95%	0.590%
19	8.813	1098	1101	1104	rVB	83629	65247	3.69%	0.366%
20	9.078	1142	1146	1149	rBV	1705629	1325903	74.99%	7.428%
21	9.172	1159	1162	1164	rBV2	93221	81877	4.63%	0.459%
22	9.230	1169	1172	1175	rBV	68558	58626	3.32%	0.328%
23	9.330	1187	1189	1195	rBV3	38651	58192	3.29%	0.326%
24	9.413	1200	1203	1205	rBV	79746	80369	4.55%	0.450%
25	9.466	1209	1212	1215	rVB	131469	110320	6.24%	0.618%
26	9.578	1227	1231	1233	rVB	137251	115830	6.55%	0.649%
27	9.607	1233	1236	1242	rVB3	74727	64224	3.63%	0.360%
28	9.678	1242	1248	1250	rBV2	56136	67657	3.83%	0.379%
29	9.701	1250	1252	1256	rVB	83121	64945	3.67%	0.364%
30	9.748	1256	1260	1265	rBV	854003	762689	43.14%	4.273%
31	10.195	1334	1336	1339	rVB	100436	82752	4.68%	0.464%
32	10.530	1390	1393	1400	rBV	930748	885497	50.08%	4.961%
33	10.666	1413	1416	1418	rBV2	192951	200478	11.34%	1.123%
34	10.683	1418	1419	1423	rVB	142481	94374	5.34%	0.529%

LSC Area Percent Report

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26KV

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-BF091418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.983	1463	1470	1473	rBV4	101694	164016	9.28%	0.919%
36	11.101	1487	1490	1491	rBV2	68813	65534	3.71%	0.367%
37	11.224	1508	1511	1514	rBV	842092	733183	41.47%	4.107%
38	11.248	1514	1515	1518	rVB	83481	54634	3.09%	0.306%
39	11.295	1521	1523	1528	rVB	66488	67066	3.79%	0.376%
40	11.536	1562	1564	1568	rBV2	67684	74652	4.22%	0.418%
41	11.577	1568	1571	1573	rVB	64275	54077	3.06%	0.303%
42	11.777	1601	1605	1608	rBV	624673	569571	32.21%	3.191%
43	11.836	1613	1615	1617	rBV	75043	56637	3.20%	0.317%
44	11.948	1631	1634	1639	rBV2	88083	124801	7.06%	0.699%
45	12.566	1736	1739	1743	rBV	575367	588831	33.30%	3.299%
46	12.813	1778	1781	1784	rBV	1568716	1277225	72.24%	7.155%
47	13.865	1957	1960	1963	rBV	1952062	1768074	100.00%	9.905%

Sum of corrected areas: 17850446

LSC Report - Integrated Chromatogram

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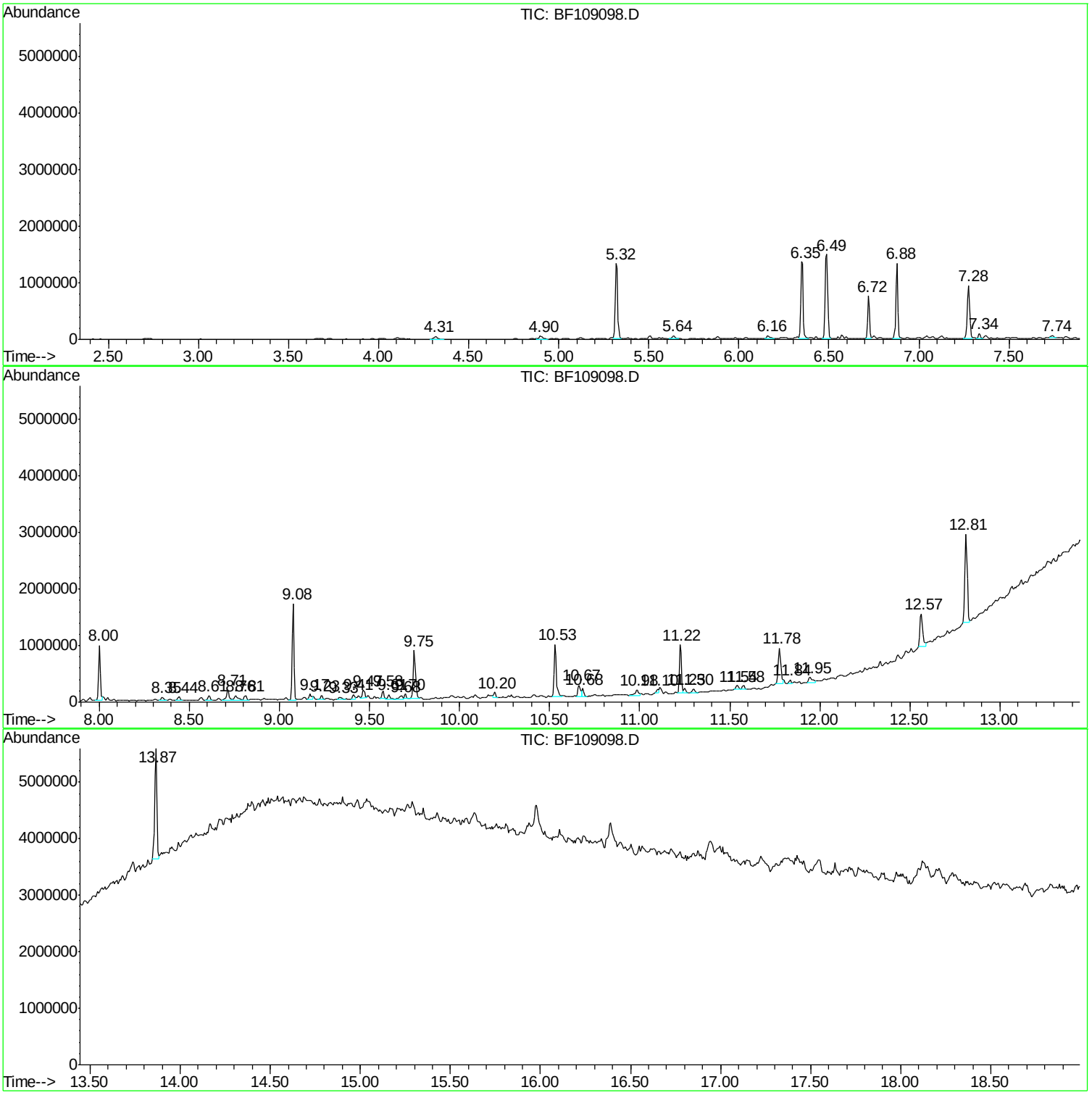
Data File : BF109098.D
Acq On : 18 Sep 2018 16:26
Operator : JU/SJ
Sample : J4936-39
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26KV

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109098.D
Acq On : 18 Sep 2018 16:26
Operator : JU/SJ
Sample : J4936-39
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26KV

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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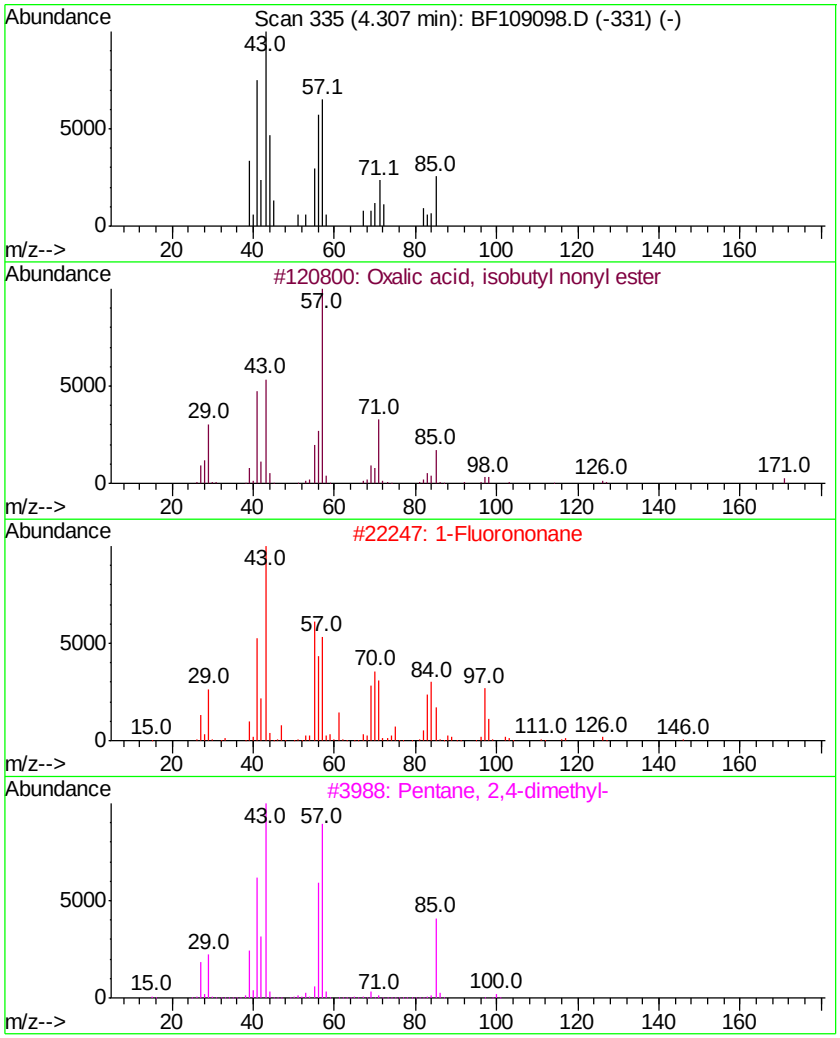
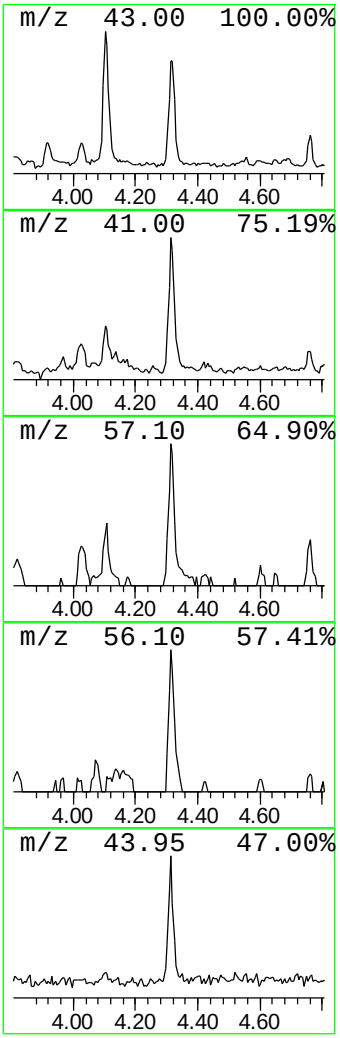
Peak Number 1 unknown4.31 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.31	2.43 ng	73826	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	47
2	1-Fluorononane	146	C9H19F	000463-18-3	43
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	38
4	n-Hexanesulphonylacetonitrile	189	C8H15NO2S	203310-42-3	38
5	Octane	114	C8H18	000111-65-9	37





Library Search Compound Report

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Data File : BF109098.D
Acq On : 18 Sep 2018 16:26
Operator : JU/SJ
Sample : J4936-39
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26KV

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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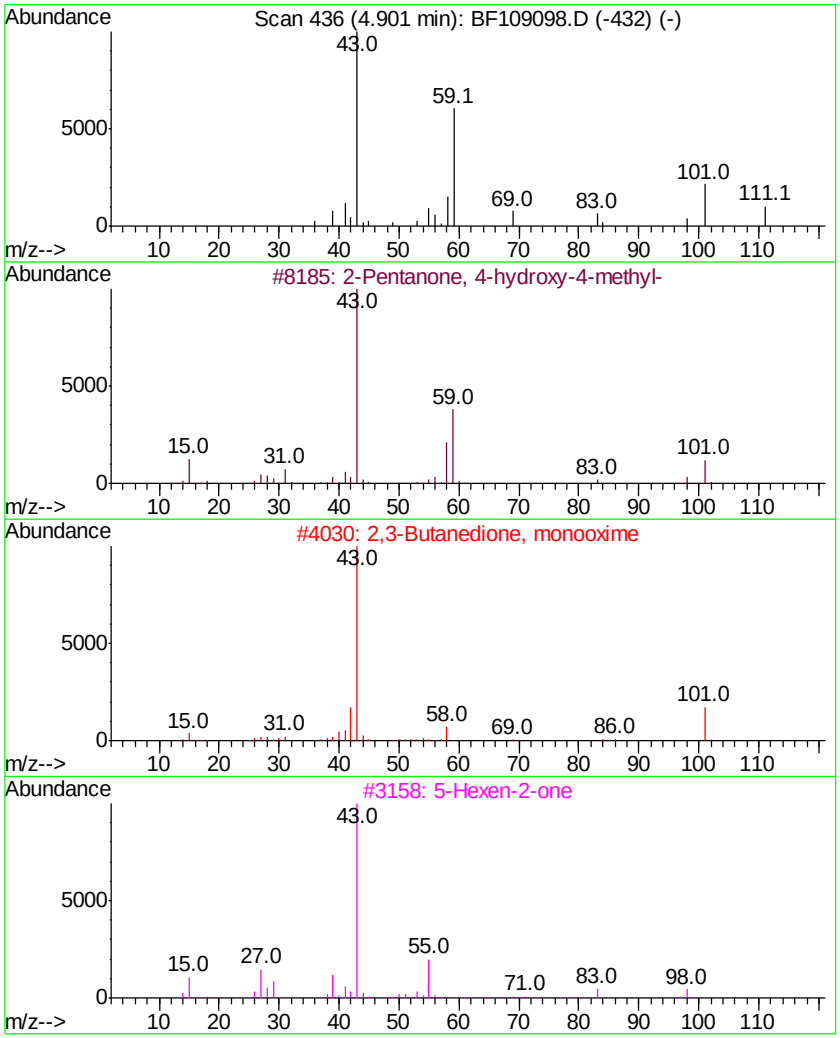
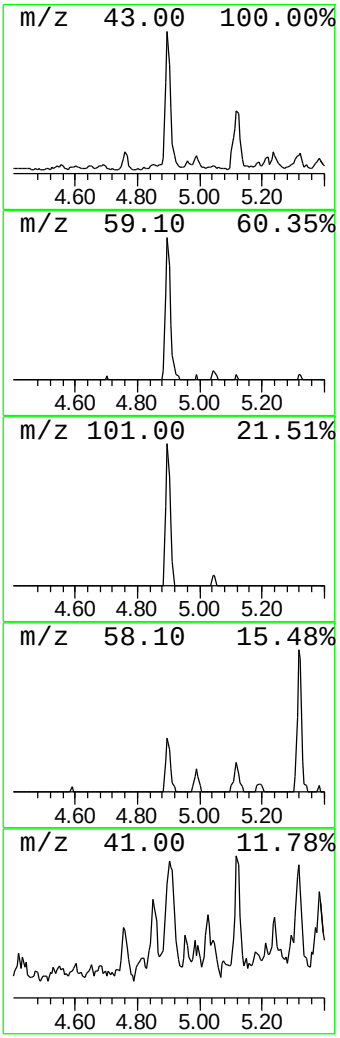
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	2.58 ng	78420	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	2-Heptanone, 7,7-dichloro-	182	C7H12Cl2O	066241-43-8	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109098.D
Acq On : 18 Sep 2018 16:26
Operator : JU/SJ
Sample : J4936-39
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26KV

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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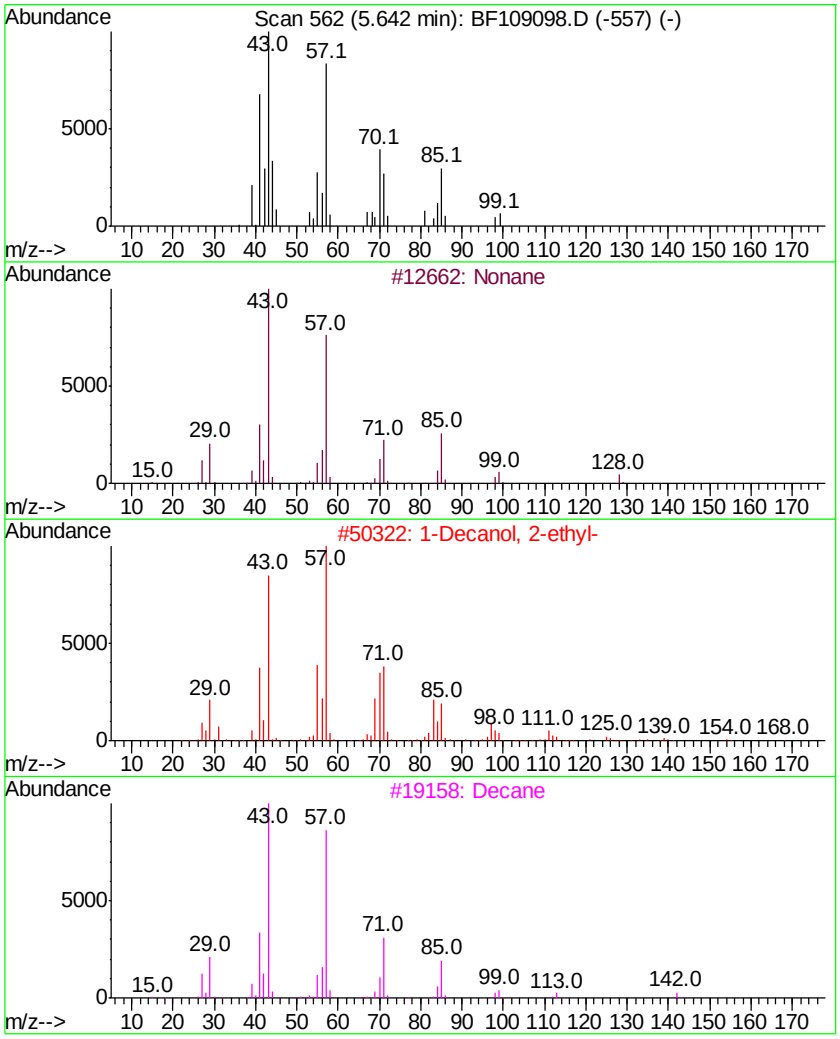
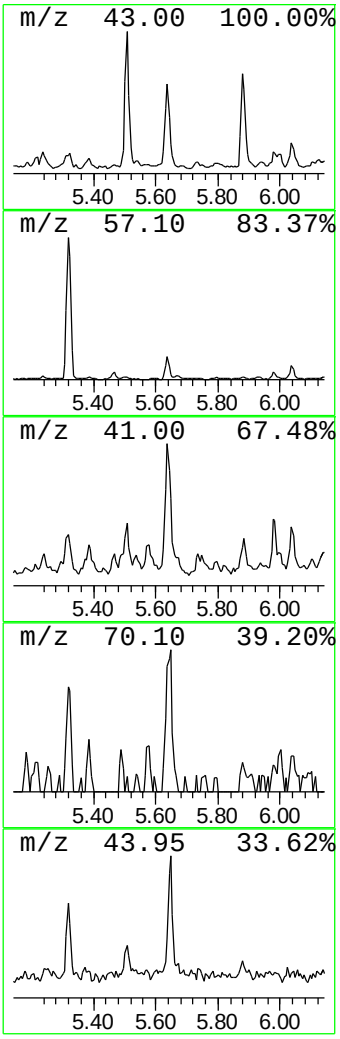
Peak Number 3 Nonane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.64	2.22 ng	67439	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	90
2	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	72
3	Decane	142	C10H22	000124-18-5	64
4	Octane, 4-methyl-	128	C9H20	002216-34-4	64
5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
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Sample : J4936-39
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26KV

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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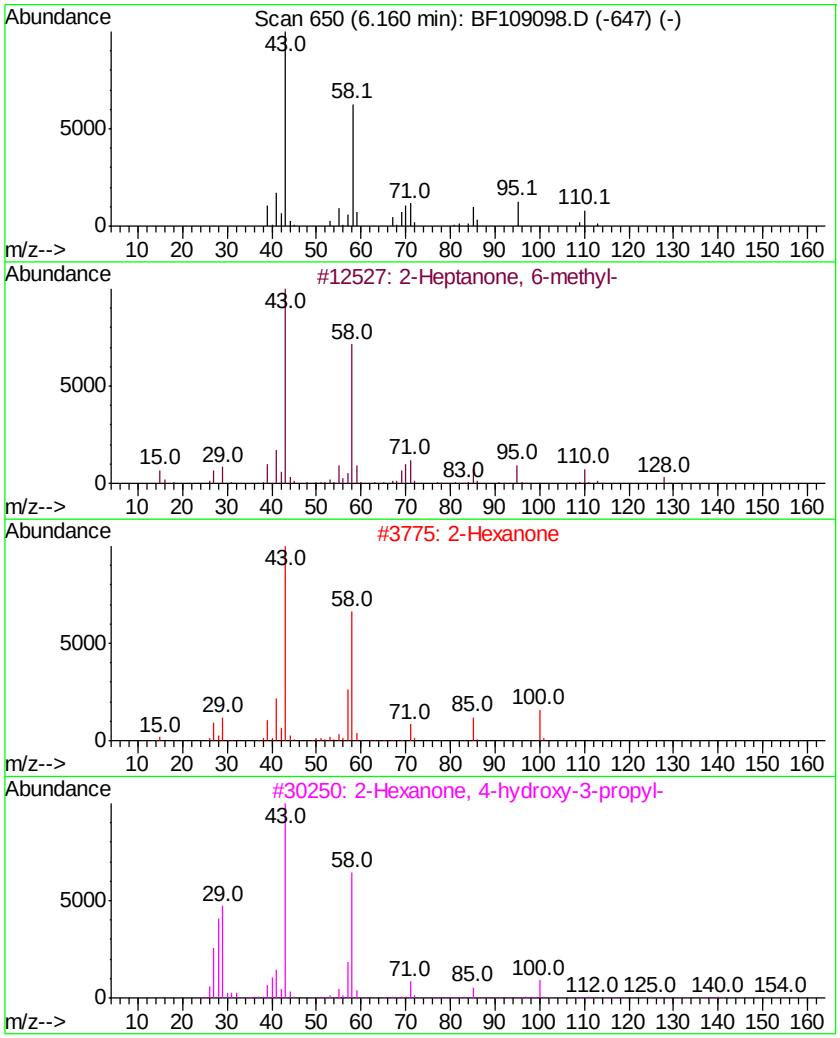
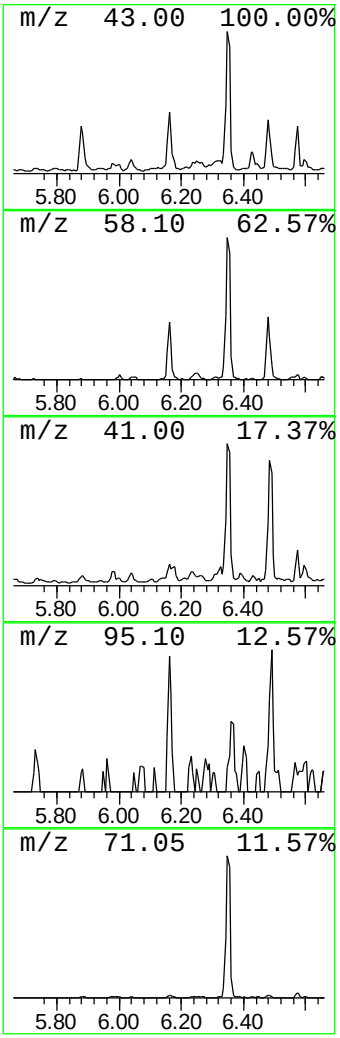
Peak Number 4 2-Heptanone, 6-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	2.60 ng	79124	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	83
2	2-Hexanone	100	C6H12O	000591-78-6	53
3	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	42
4	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	42
5	Pentanal, 2-methyl-	100	C6H12O	000123-15-9	38





Library Search Compound Report

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Sample : J4936-39
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26KV

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

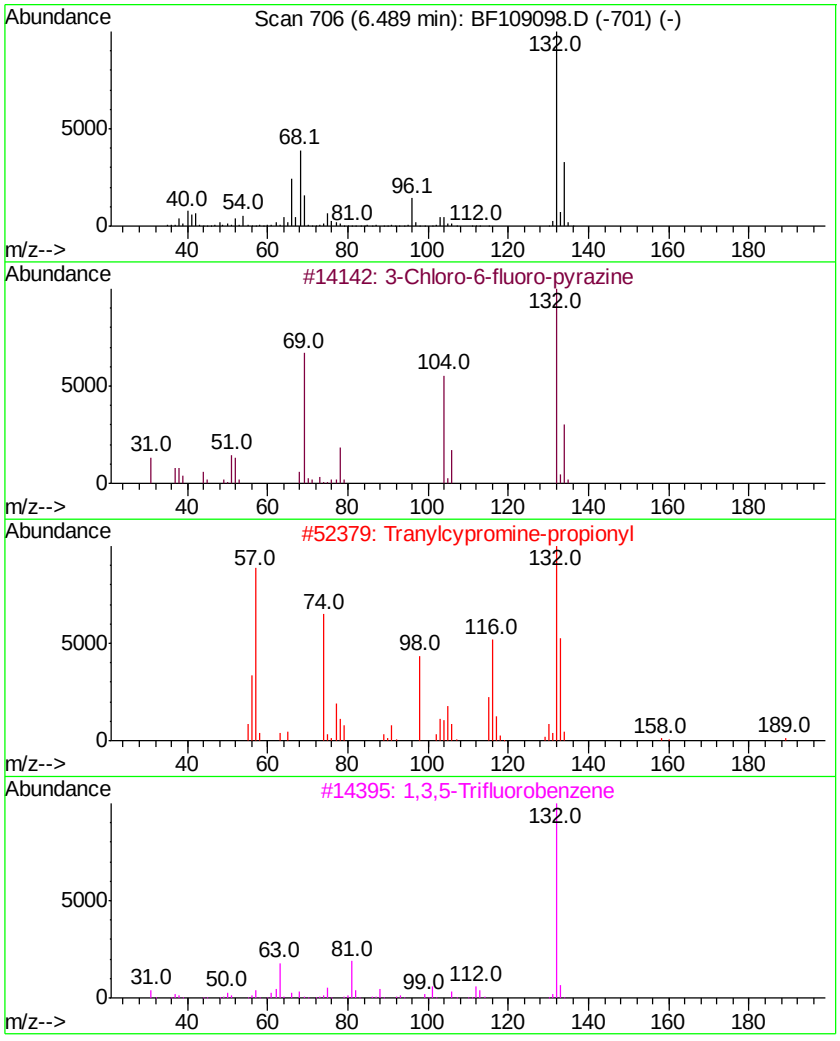
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

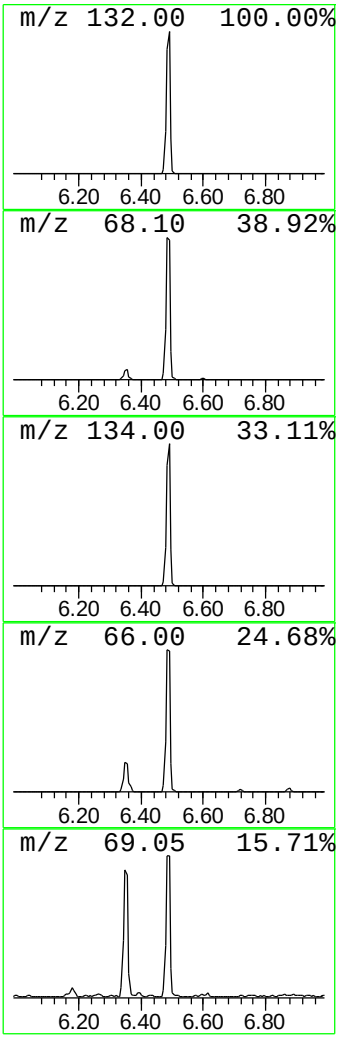
****

Peak Number 5 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	45.55 ng	1386230	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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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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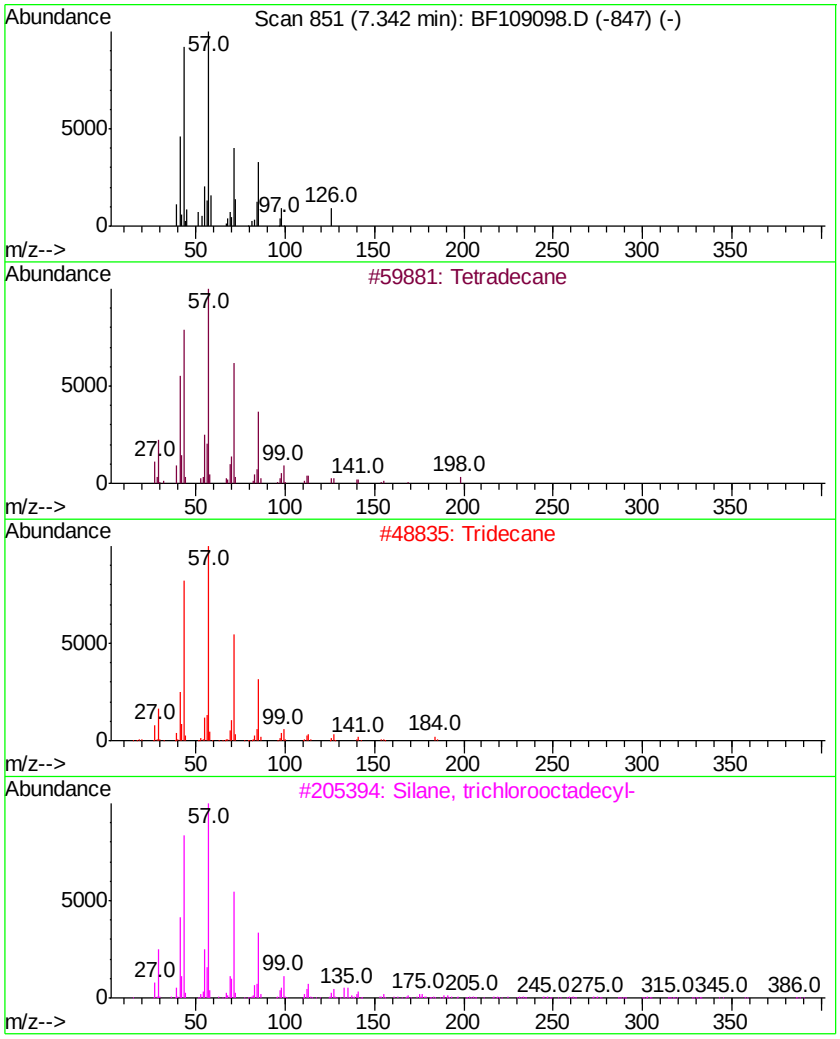
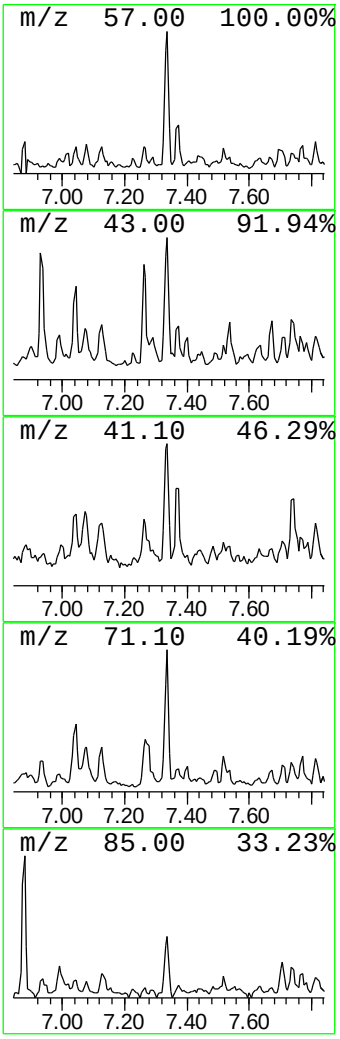
Peak Number 7 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	2.29 ng	69840	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Tridecane	184	C13H28	000629-50-5	78
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	78
4	Undecane	156	C11H24	001120-21-4	76
5	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	64





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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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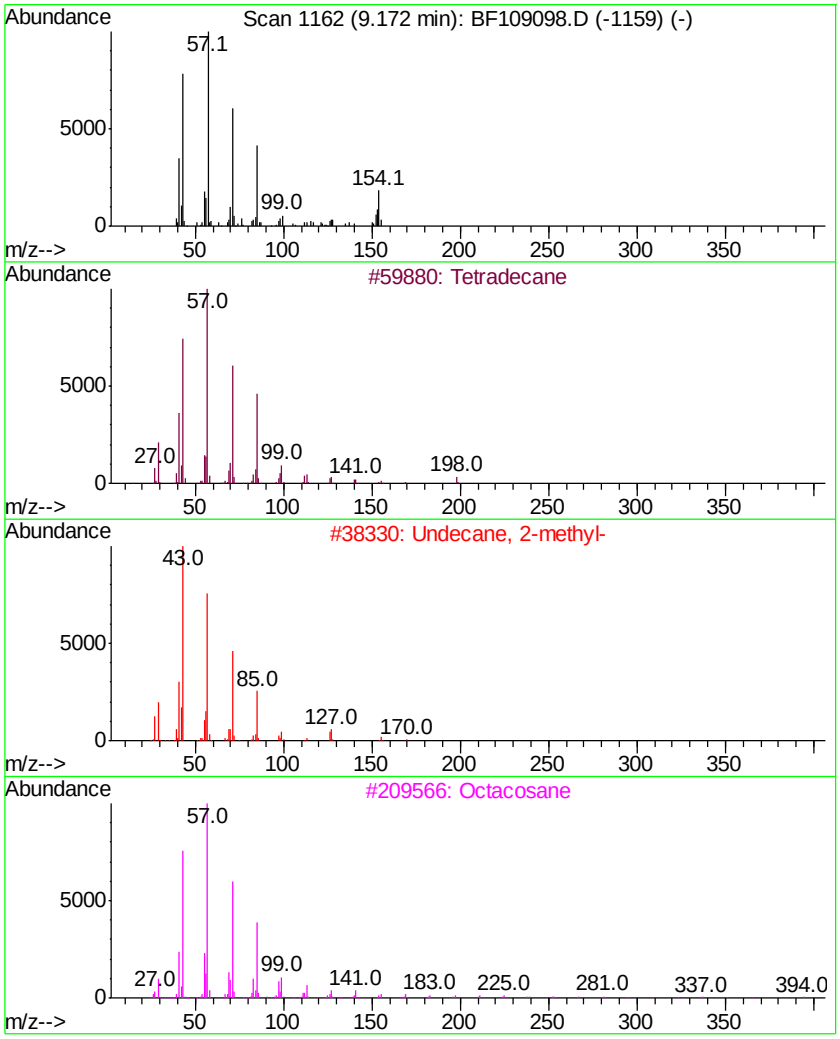
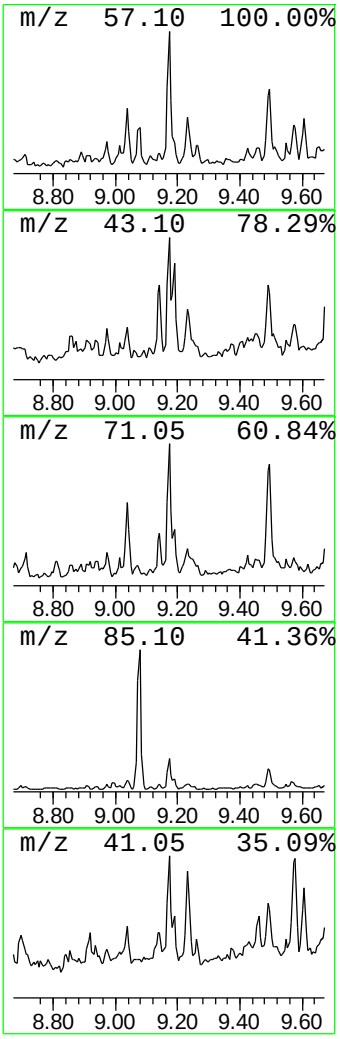
Peak Number 8 Undecane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	2.15 ng	81877	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	64
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	64
3	Octacosane	394	C28H58	000630-02-4	64
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	64
5	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109098.D
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Operator : JU/SJ
Sample : J4936-39
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26KV

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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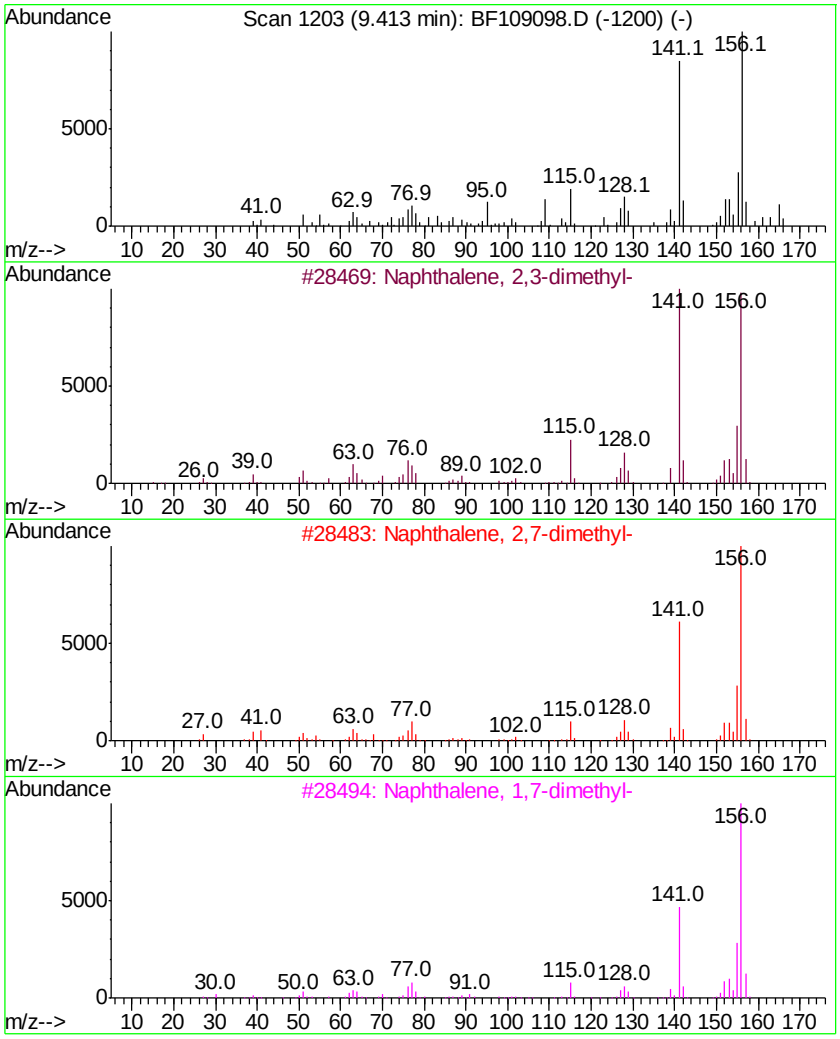
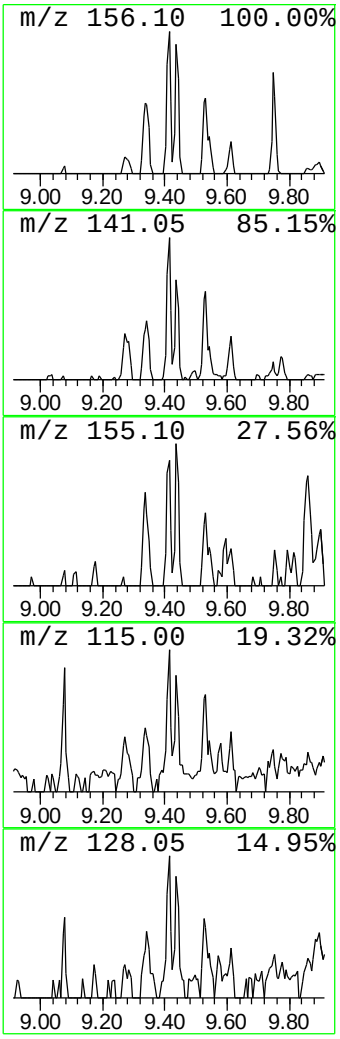
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	2.11 ng	80369	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Acq On : 18 Sep 2018 16:26
Operator : JU/SJ
Sample : J4936-39
Misc :
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Instrument : BNA_F
ClientSampleId : 26KV

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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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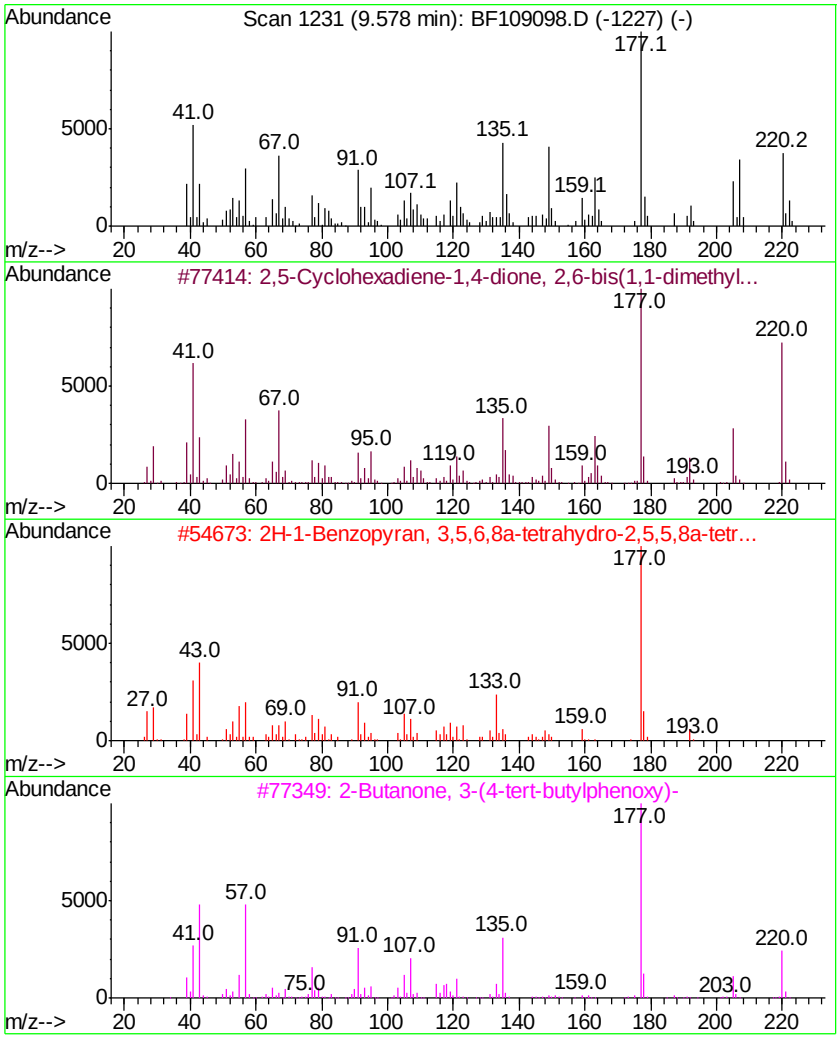
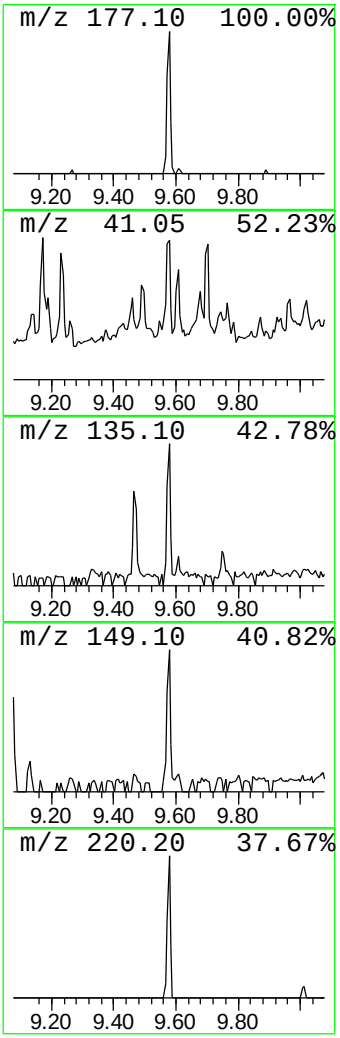
Peak Number 10 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	3.04 ng	115830	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	98
2	2H-1-Benzopyran, 3,5,6,8a-tetrah...	192	C13H20O	041678-29-9	47
3	2-Butanone, 3-(4-tert-butylpheno...	220	C14H20O2	160875-28-5	46
4	1,3-Benzenedicarboxylic acid, di...	222	C12H14O4	000636-53-3	46
5	Thiocoumarine, 4,4,6,7-tetramethyl-	220	C13H16OS	1000128-90-2	41





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Sample : J4936-39
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26KV

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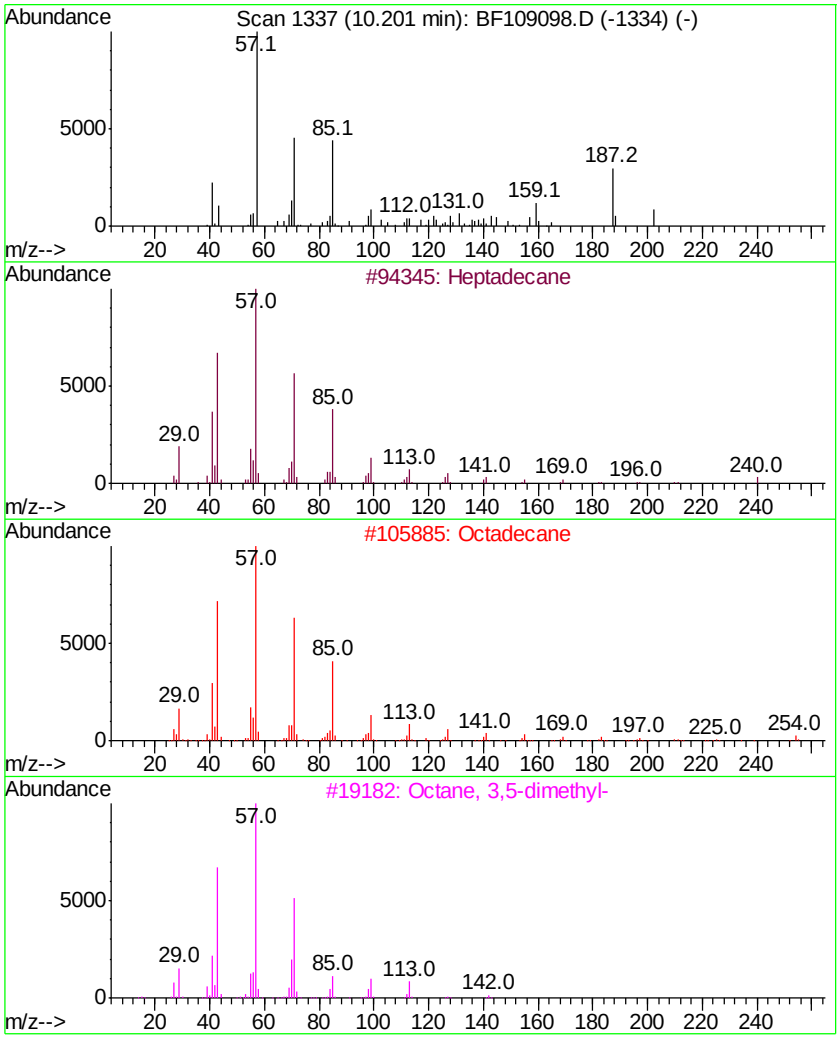
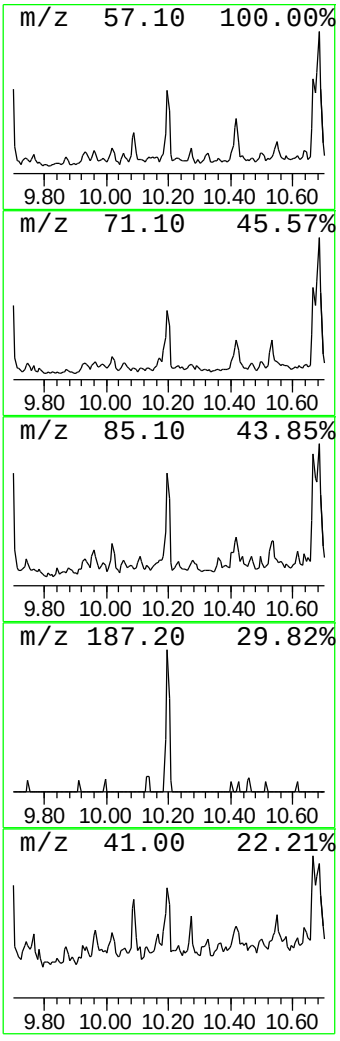
Peak Number 11 unknown10.20 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	2.17 ng	82752	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	49
2	Octadecane	254	C18H38	000593-45-3	47
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	38
4	Heptacosane	380	C27H56	000593-49-7	38
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	27





Library Search Compound Report

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Operator : JU/SJ
Sample : J4936-39
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26KV

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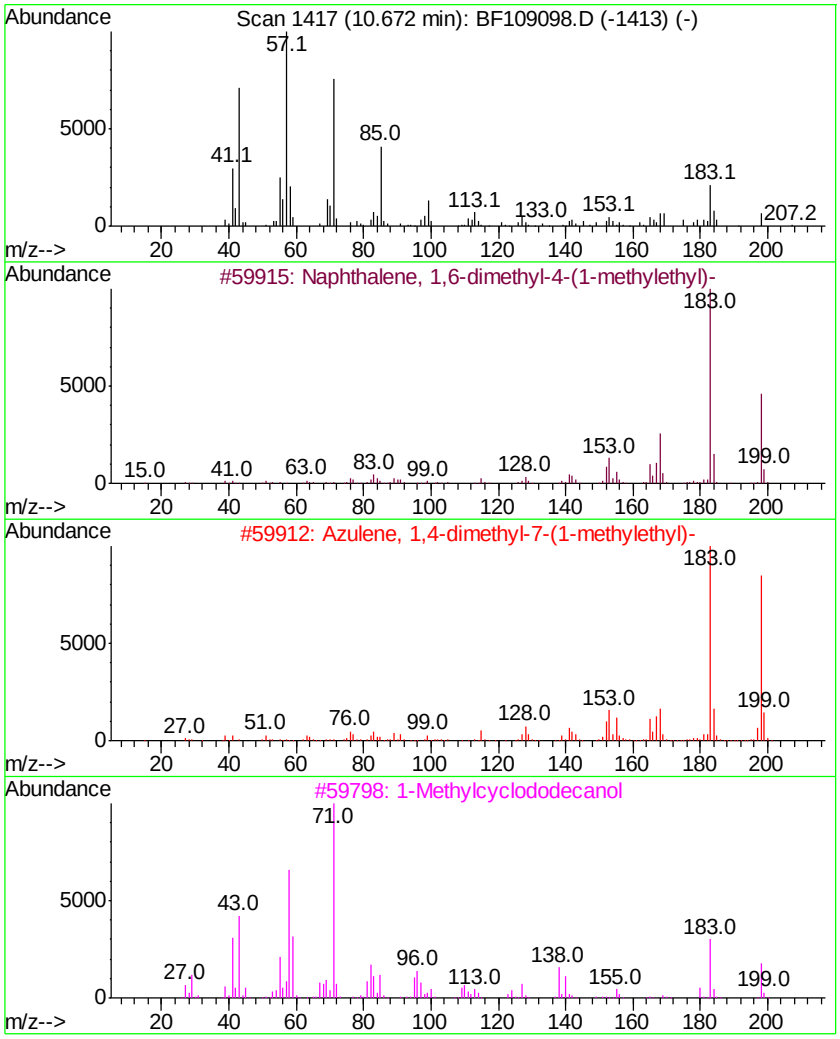
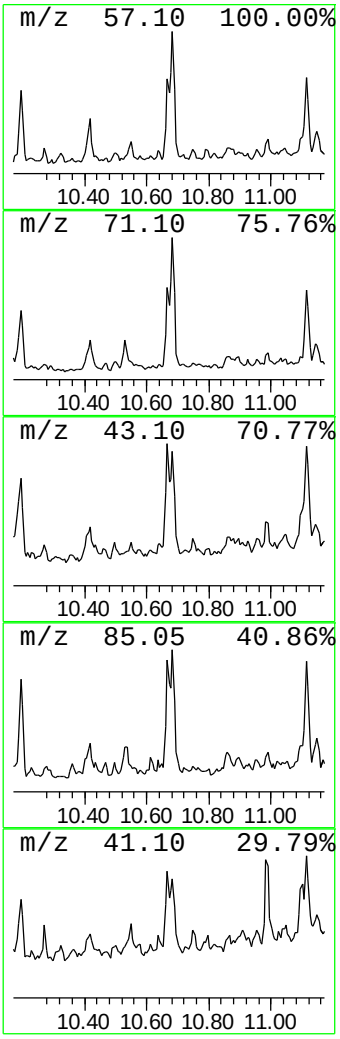
Peak Number 12 Naphthalene, 1,6-dimethyl-4... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	5.47 ng	200478	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	84
2	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	58
3	1-Methylcyclododecanol	198	C13H26O	032400-09-2	49
4	6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	42
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	30





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Peak Number 13 Pentadecane, 2,6,10,14-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	2.57 ng	94374	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	86
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
5	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	64