LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109391.D
Acq On : 27 Sep 2018 17:04
Operator : JU/SJ
Sample : J5066-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-H4

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	4.898	473	478	485	rBV	58779	76082	3.35%	0.272%
2	5.316	545	549	553	rBV	1877887	1835470	80.70%	6.566%
3	6.022	666	669	671	rBV	86340	68380	3.01%	0.245%
4	6.151	686	691	694	rBV2	28355	30362	1.33%	0.109%
5	6.245	703	707	716	rBV	99595	143940	6.33%	0.515%
6	6.345	719	724	729	rBV	2073454	2010099	88.38%	7.190%
7	6.387	729	731	733	rVB	47614	36798	1.62%	0.132%
8	6.410	733	735	739	rVB3	32969	34600	1.52%	0.124%
9	6.475	742	746	749	rBV	2249627	2026228	89.09%	7.248%
10	6.575	757	763	765	rVB4	78984	105154	4.62%	0.376%
11	6.622	768	771	772	rBV3	34113	36218	1.59%	0.130%
12	6.651	772	776	779	rVV3	64709	90890	4.00%	0.325%
13	6.687	779	782	783	rVV2	102860	96269	4.23%	0.344%
14	6.704	783	785	788	rVV	825335	738092	32.45%	2.640%
15	6.734	788	790	794	rVB	395337	360624	15.86%	1.290%
16	6.781	794	798	800	rBV3	137658	160227	7.04%	0.573%
17	6.816	800	804	806	rBV3	95155	135039	5.94%	0.483%
18	6.840	806	808	809	rVV	145601	117288	5.16%	0.420%
19	6.863	809	812	816	rVB	1900631	1621066	71.28%	5.799%
20	6.898	816	818	821	rVB	101965	88758	3.90%	0.318%
21	6.928	821	823	825	rBV	86634	83475	3.67%	0.299%
22	6.951	825	827	829	rVB2	95510	69723	3.07%	0.249%
23	6.987	829	833	838	rVB3	202951	271481	11.94%	0.971%
24	7.028	838	840	843	rBV4	36841	31018	1.36%	0.111%
25	7.069	843	847	849	rBV2	103312	128310	5.64%	0.459%
26	7.104	851	853	855	rVB2	154710	109899	4.83%	0.393%
27	7.134	855	858	861	rBV4	119143	176439	7.76%	0.631%
28	7.192	866	868	872	rVV3	115806	169316	7.44%	0.606%
29	7.239	872	876	877	rVV3	242772	303635	13.35%	1.086%
30	7.269	877	881	883	rVV	1381168	1435558	63.12%	5.135%
31	7.310	883	888	892	rVV2	185639	384484	16.91%	1.375%
32	7.357	892	896	901	rVV4	303825	545799	24.00%	1.952%
33	7.410	901	905	906	rVV2	208845	256457	11.28%	0.917%
34	7.434	906	909	913	rVV	303239	417779	18.37%	1.494%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109391.D
Acq On : 27 Sep 2018 17:04
Operator : JU/SJ
Sample : J5066-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-H4

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	7.469	913	915	918	rVV2	196017	256928	11.30%	0.919%
36	7.504	918	921	923	rVV	492987	537740	23.64%	1.924%
37	7.557	927	930	932	rVV	147662	160478	7.06%	0.574%
38	7.610	936	939	941	rVV2	147534	168843	7.42%	0.604%
39	7.634	941	943	948	rVB3	316167	338867	14.90%	1.212%
40	7.681	948	951	953	rBV4	60438	74607	3.28%	0.267%
41	7.710	953	956	959	rVB2	58768	78599	3.46%	0.281%
42	7.757	960	964	967	rVV4	74992	102733	4.52%	0.367%
43	7.822	972	975	979	rVB2	134802	132531	5.83%	0.474%
44	7.863	979	982	984	rBV3	45887	56306	2.48%	0.201%
45	7.887	984	986	987	rBV2	60364	41738	1.84%	0.149%
46	7.987	999	1003	1006	rBV	1031906	854294	37.56%	3.056%
47	8.063	1014	1016	1019	rVB	175894	143965	6.33%	0.515%
48	8.116	1023	1025	1028	rVB2	53362	51205	2.25%	0.183%
49	8.163	1028	1033	1038	rBV5	40255	70976	3.12%	0.254%
50	8.281	1050	1053	1057	rVB5	36056	43367	1.91%	0.155%
51	8.428	1074	1078	1083	rBV	114431	122153	5.37%	0.437%
52	8.686	1119	1122	1126	rVB2	32044	36049	1.59%	0.129%
53	9.022	1176	1179	1182	rVB	75082	55887	2.46%	0.200%
54	9.063	1182	1186	1189	rBV	2873031	2274345	100.00%	8.136%
55	9.457	1249	1253	1255	rBV	751671	589649	25.93%	2.109%
56	9.475	1255	1256	1259	rVB	52478	29569	1.30%	0.106%
57	9.733	1296	1300	1304	rBV	1006095	924444	40.65%	3.307%
58	10.522	1430	1434	1439	rBV	1285484	1224065	53.82%	4.379%
59	10.663	1453	1458	1464	rVB2	30623	36311	1.60%	0.130%
60	11.127	1534	1537	1543	rVB	34282	34452	1.51%	0.123%
61	11.210	1548	1551	1555	rBV	993768	829341	36.47%	2.967%
62	11.751	1640	1643	1646	rBV	95611	88982	3.91%	0.318%
63	12.210	1716	1721	1725	rBV4	22291	36107	1.59%	0.129%
64	12.533	1773	1776	1779	rBV3	37928	42769	1.88%	0.153%
65	12.792	1816	1820	1824	rBV	1831351	1634497	71.87%	5.847%
66	13.357	1913	1916	1918	rBV	31746	32656	1.44%	0.117%
67	13.710	1972	1976	1985	rVB	128936	219810	9.66%	0.786%
68	13.839	1994	1998	2001	rBV2	863846	817558	35.95%	2.925%
69	14.327	2078	2081	2083	rBV	29518	30406	1.34%	0.109%
70	14.592	2123	2126	2129	rBV	63966	67679	2.98%	0.242%
71	14.621	2129	2131	2135	rVV	45293	45563	2.00%	0.163%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5066-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-H4

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

72	14.686	2139	2142	2146	rVB	142206	128354	5.64%	0.459%
73	14.933	2181	2184	2188	rVB	63246	64854	2.85%	0.232%
74	15.239	2231	2236	2241	rBV	616098	739577	32.52%	2.646%
75	15.286	2241	2244	2249	rVB	68570	85617	3.76%	0.306%
76	15.686	2308	2312	2316	rVB	74567	98178	4.32%	0.351%
77	16.080	2374	2379	2386	rBV6	64622	139429	6.13%	0.499%
78	16.145	2386	2390	2405	rVB3	61678	140449	6.18%	0.502%
79	16.686	2478	2482	2487	rBV3	25432	46459	2.04%	0.166%
80	16.751	2489	2493	2500	rVB6	16019	31852	1.40%	0.114%

Sum of corrected areas: 27955195

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109391.D
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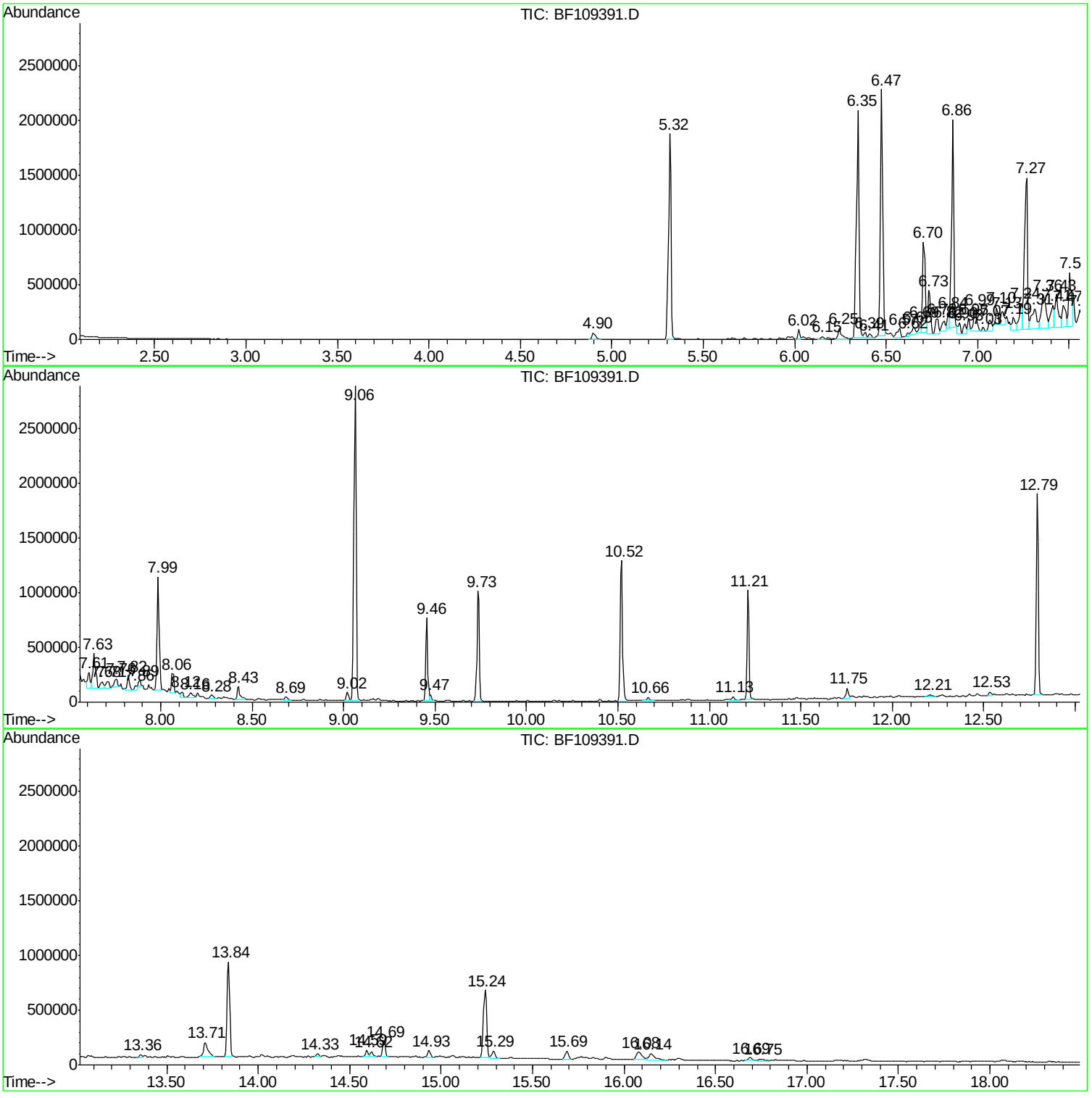
Sample : J5066-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-H4

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109391.D
Acq On : 27 Sep 2018 17:04
Operator : JU/SJ
Sample : J5066-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-H4

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

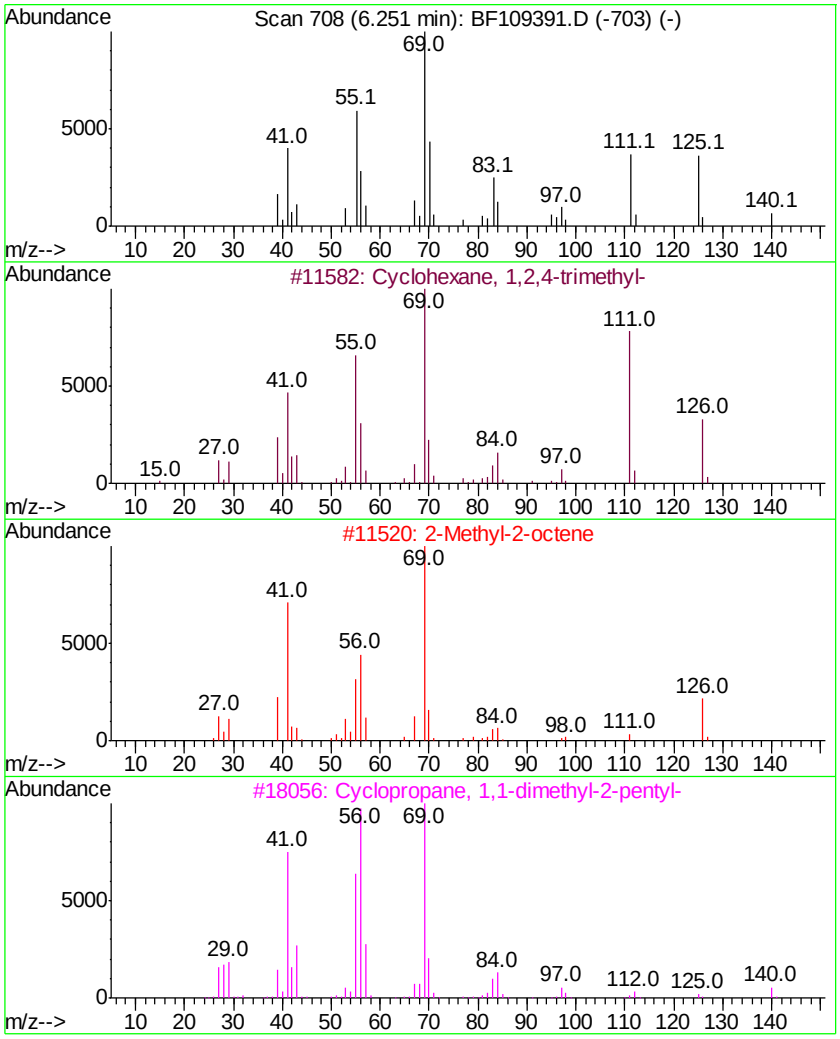
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

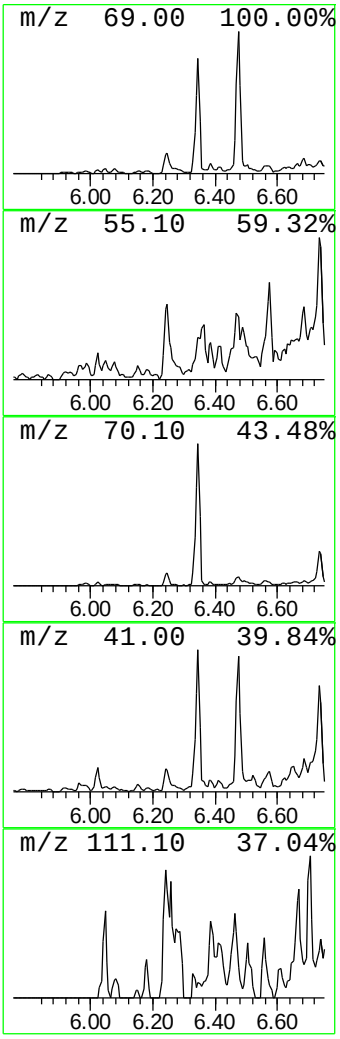
****

Peak Number 1 unknown6.25 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	3.90 ng	143940	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	47
2	2-Methyl-2-octene	126	C9H18	016993-86-5	43
3	Cyclopropane, 1,1-dimethyl-2-pen...	140	C10H20	062167-97-9	43
4	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	38
5	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109391.D
Acq On : 27 Sep 2018 17:04
Operator : JU/SJ
Sample : J5066-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-H4

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

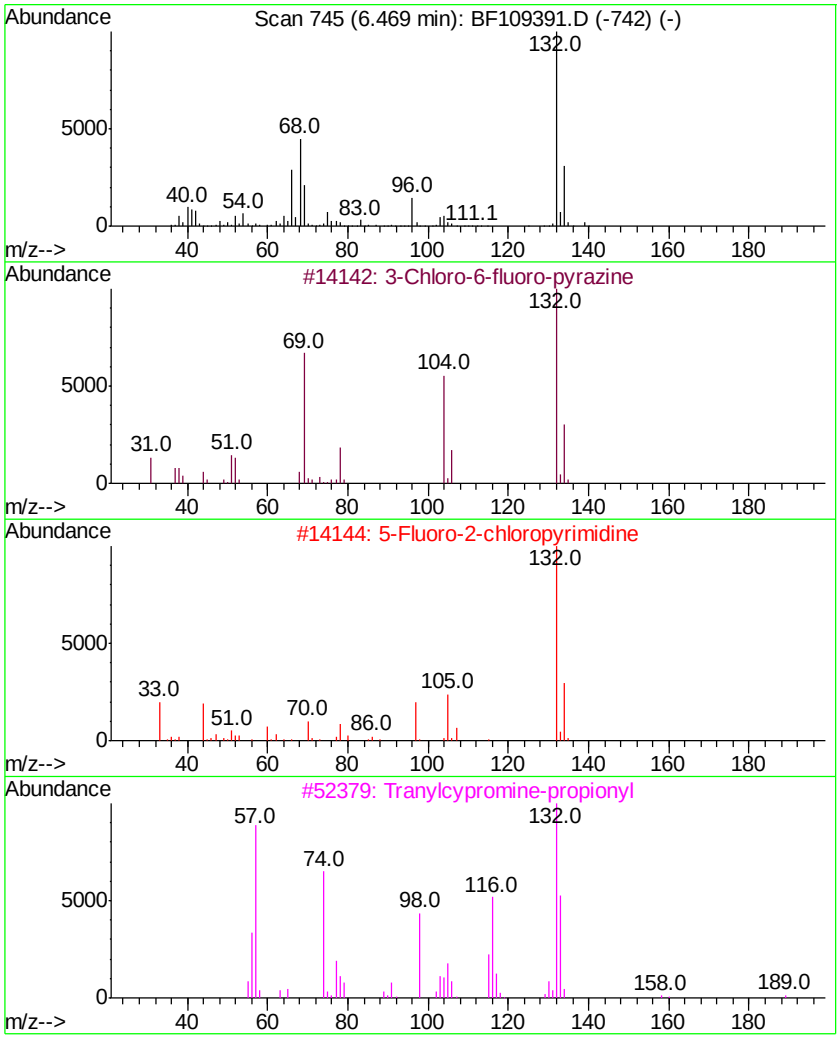
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

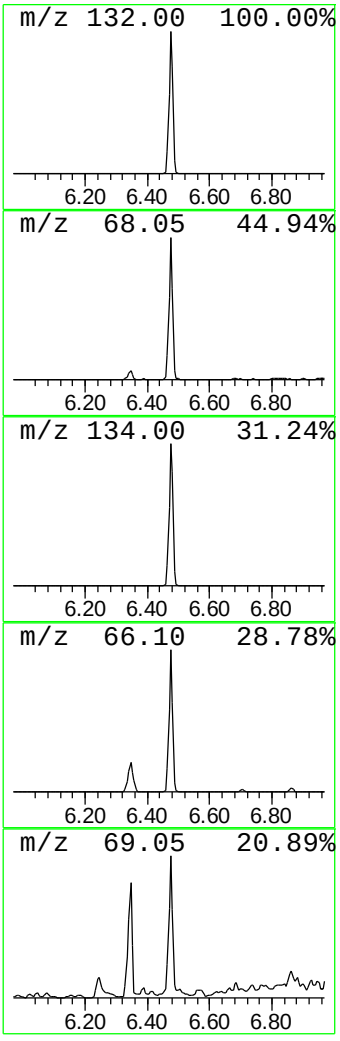
****

Peak Number 2 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	54.90 ng	2026230	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109391.D
Acq On : 27 Sep 2018 17:04
Operator : JU/SJ
Sample : J5066-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-H4

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

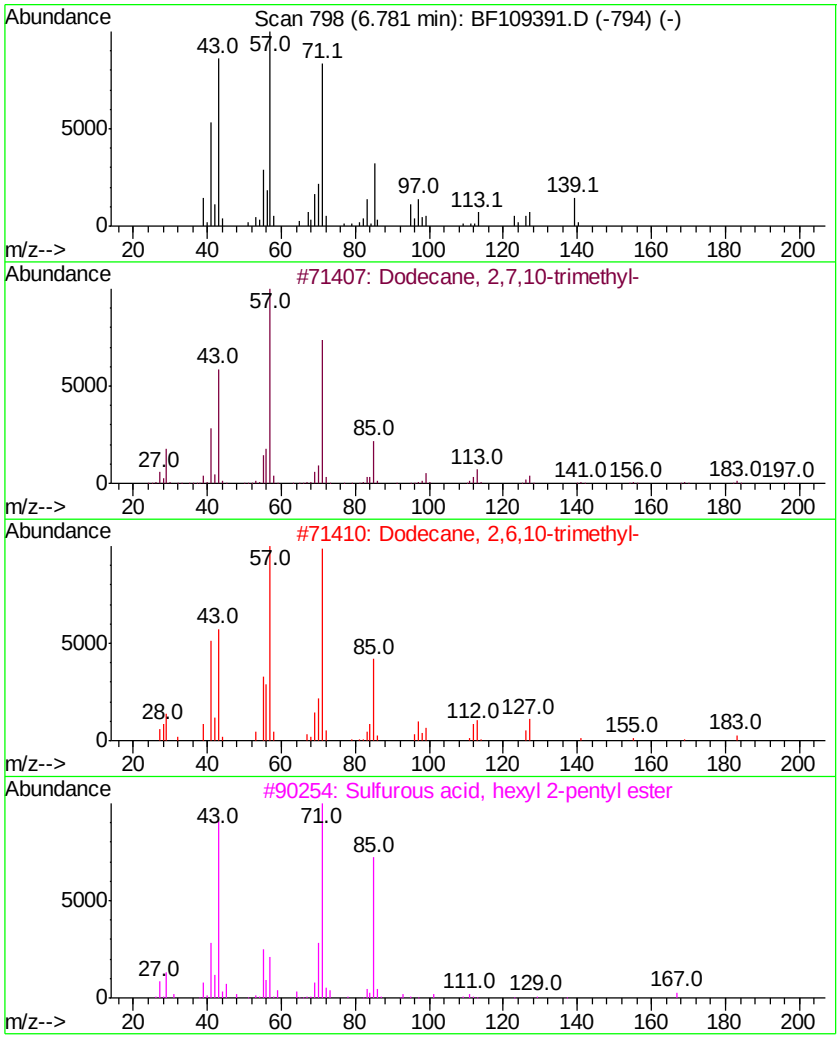
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

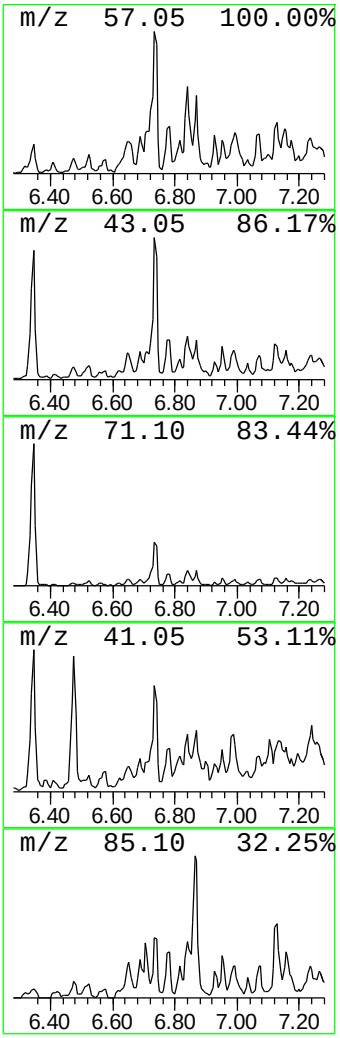
****

Peak Number 3 Dodecane, 2,7,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	4.34 ng	160227	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53
3	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	53
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	50
5	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109391.D
Acq On : 27 Sep 2018 17:04
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Sample : J5066-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-H4

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

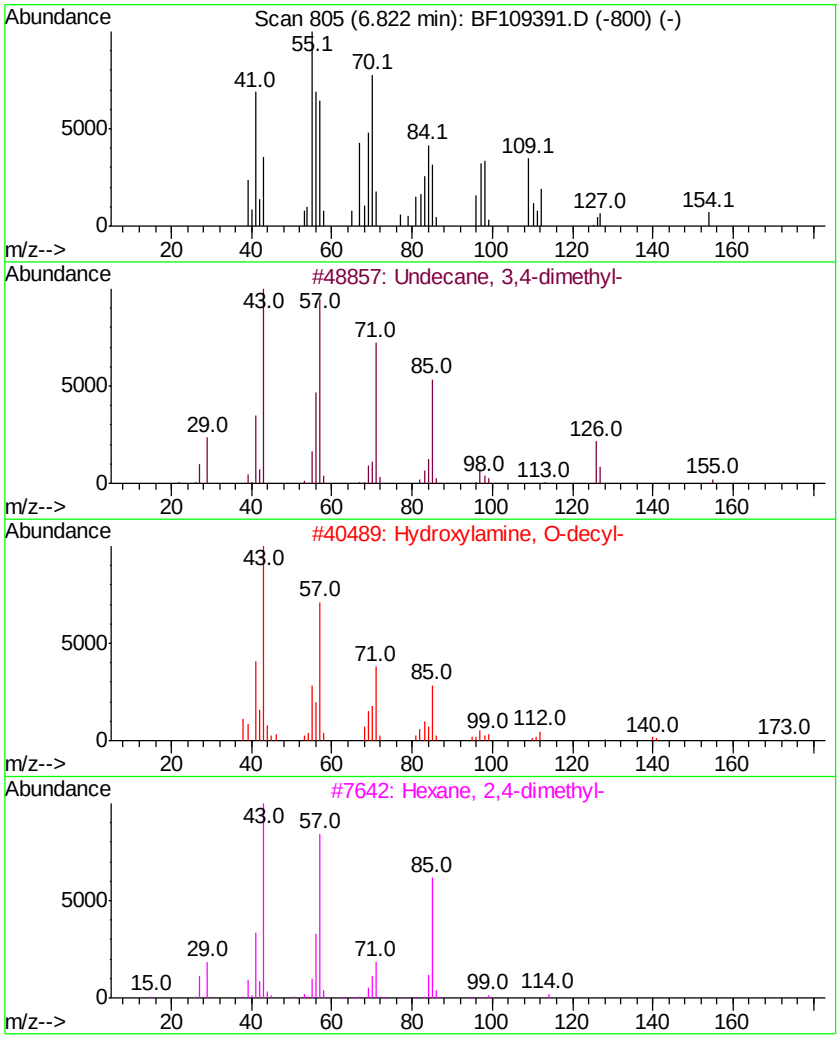
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

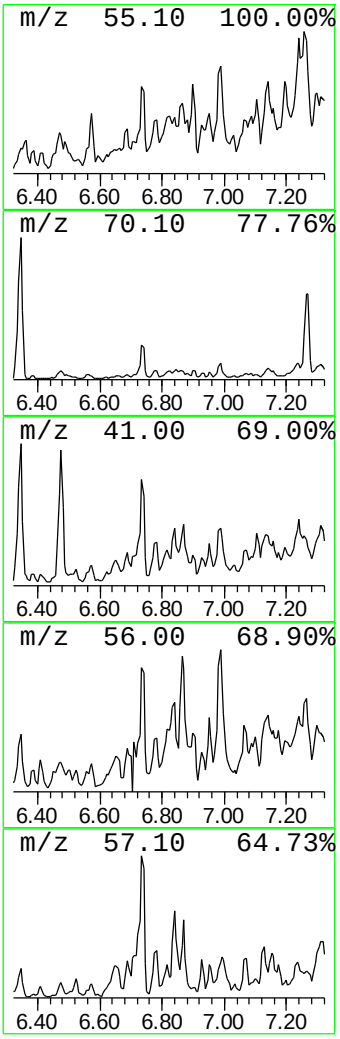
****

Peak Number 4 unknown6.82 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	3.66 ng	135039	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	43
2	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	43
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	35
4	1-Undecene	154	C11H22	000821-95-4	35
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	27





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Data File : BF109391.D
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Sample : J5066-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-H4

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

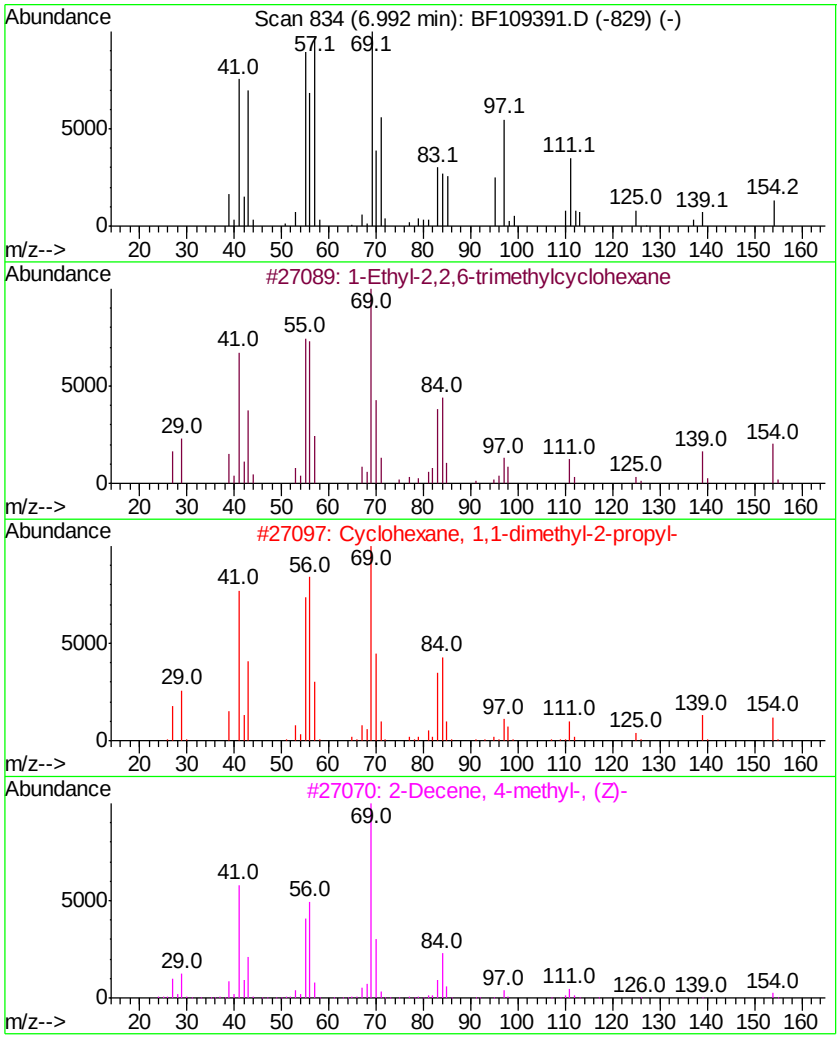
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

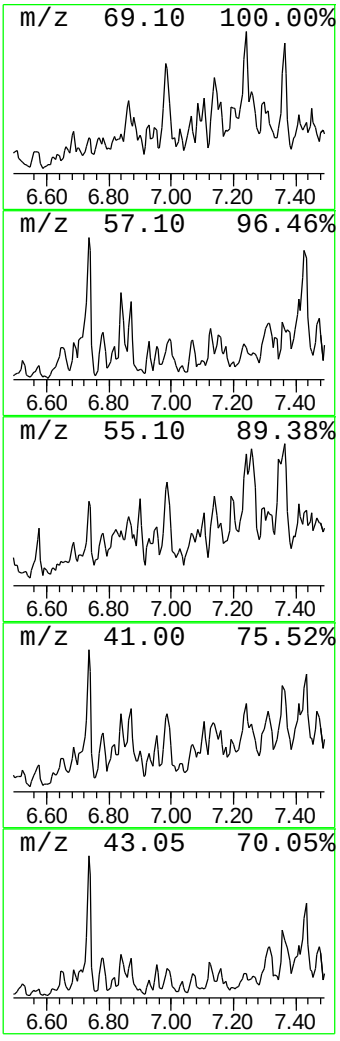
****

Peak Number 6 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	7.36 ng	271481	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	90
2	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	87
3	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	59
4	5-Undecene	154	C11H22	004941-53-1	52
5	Cyclopentane, hexyl-	154	C11H22	004457-00-5	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109391.D
Acq On : 27 Sep 2018 17:04
Operator : JU/SJ
Sample : J5066-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-H4

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

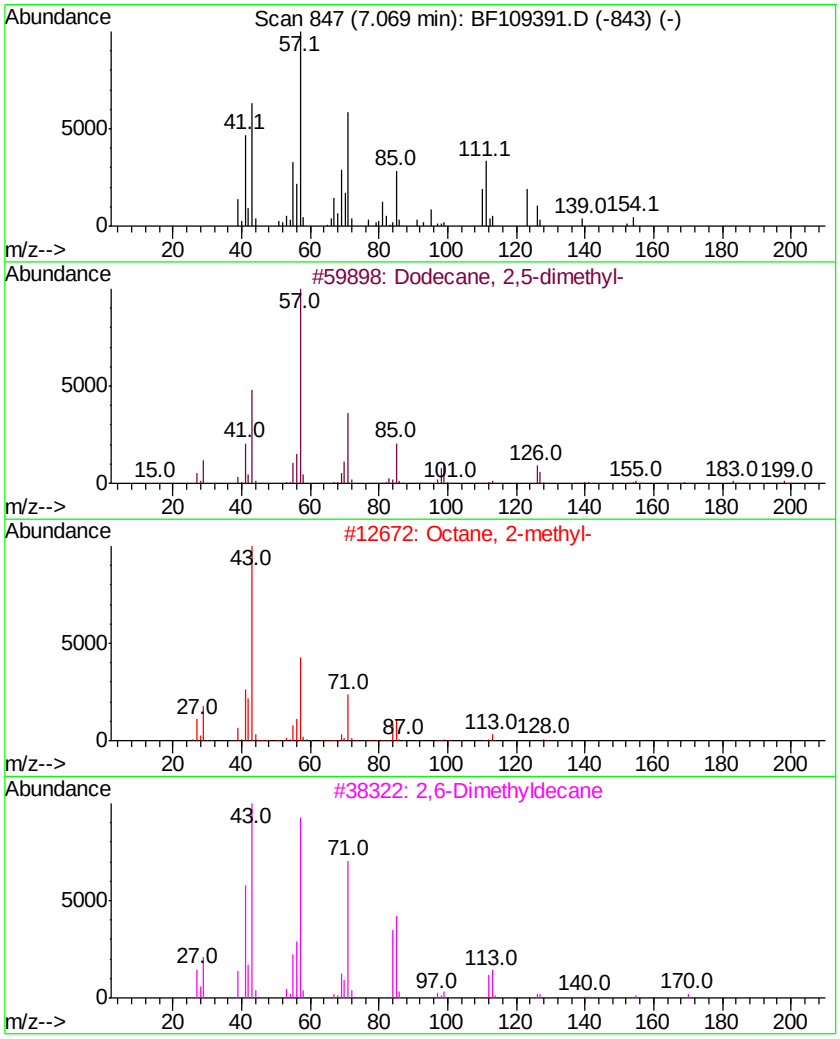
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

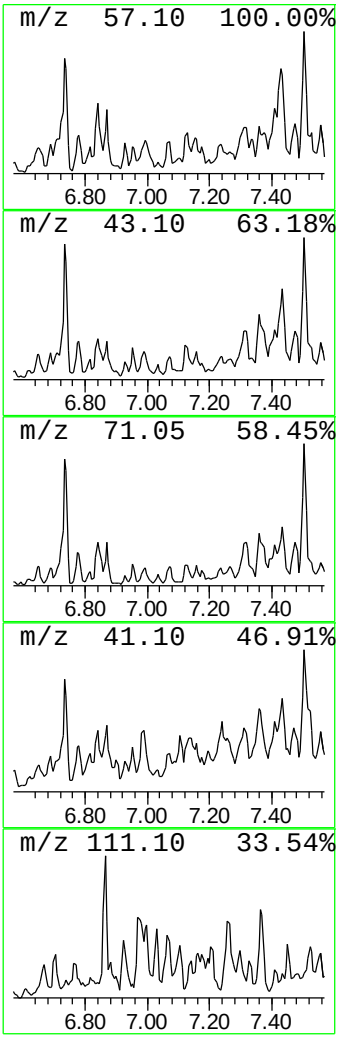
****

Peak Number 7 unknown7.07 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	3.48 ng	128310	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	47
2	Octane, 2-methyl-	128	C9H20	003221-61-2	38
3	2,6-Dimethyldecane	170	C12H26	013150-81-7	38
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	38
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	35





Library Search Compound Report

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Data File : BF109391.D
Acq On : 27 Sep 2018 17:04
Operator : JU/SJ
Sample : J5066-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-H4

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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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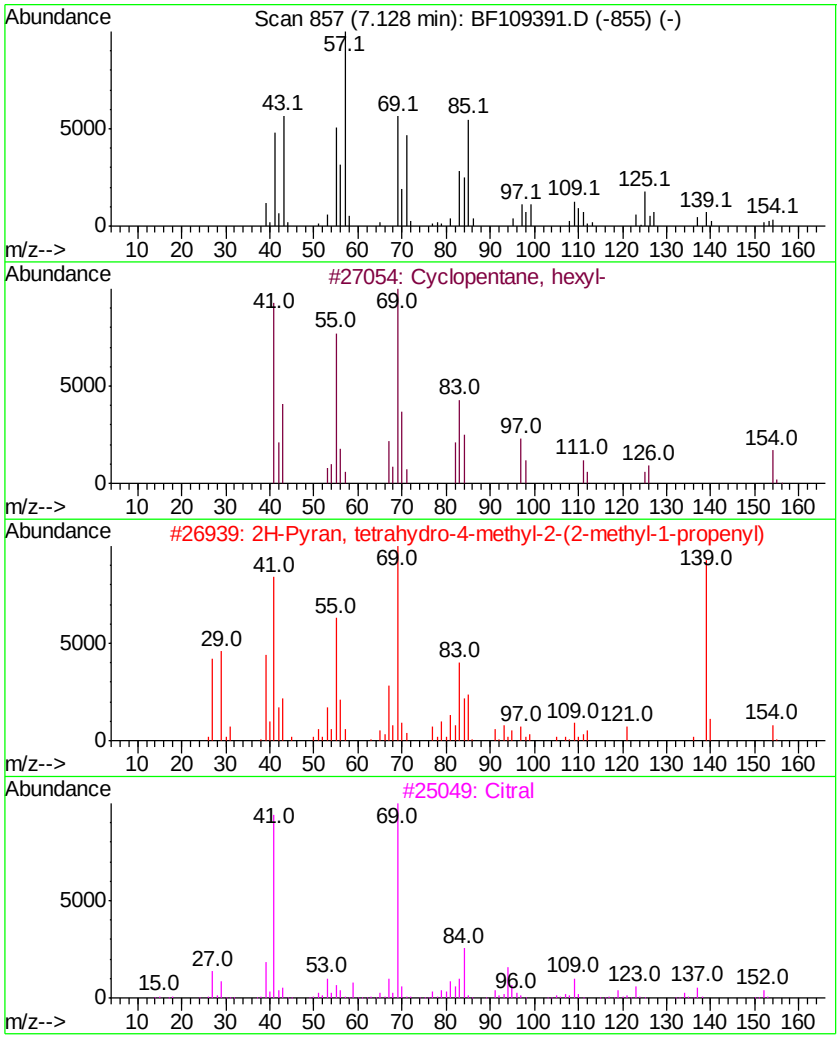
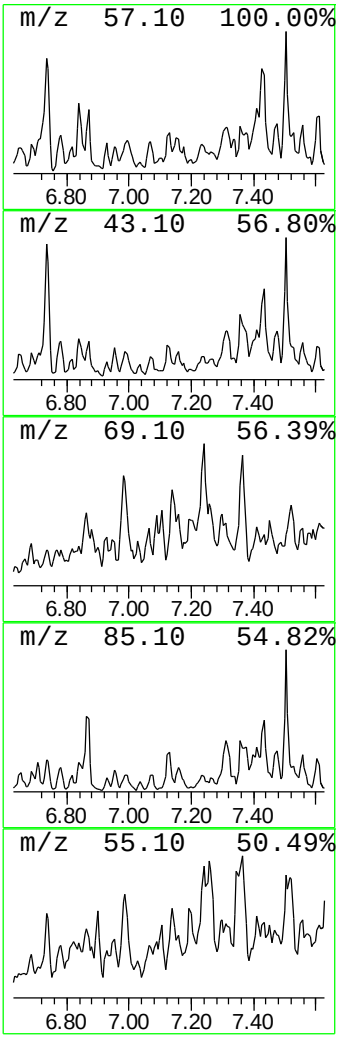
Peak Number 8 Cyclopentane, hexyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	4.78 ng	176439	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, hexyl-	154	C11H22	004457-00-5	58
2	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	50
3	Citral	152	C10H16O	005392-40-5	46
4	Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	43
5	Cyclopentane, 1,2-dipropyl-	154	C11H22	091242-57-8	43





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Sample : J5066-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-H4

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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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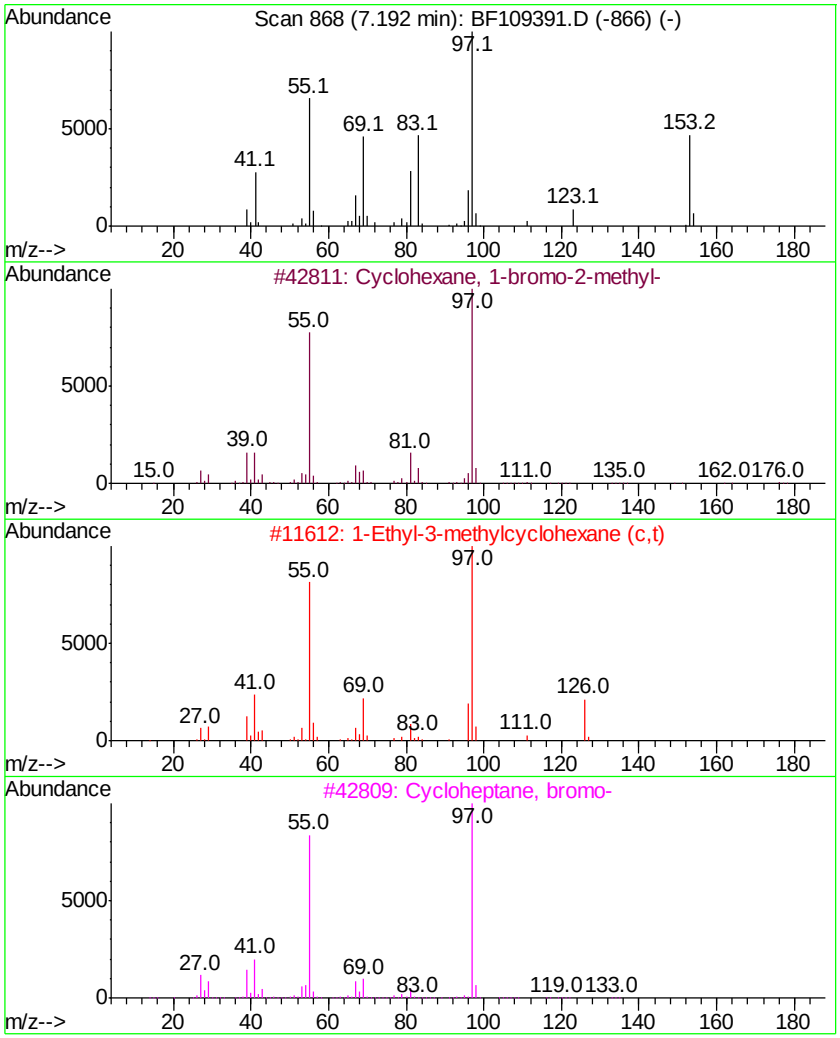
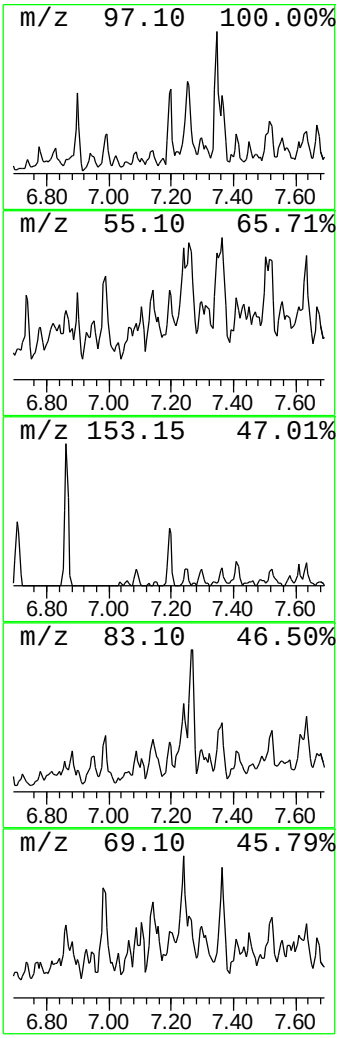
Peak Number 9 unknown7.19 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	4.59 ng	169316	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	47
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	43
3	Cycloheptane, bromo-	176	C7H13Br	002404-35-5	38
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	38
5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	37





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Sample : J5066-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId : EP1-Q1-H4

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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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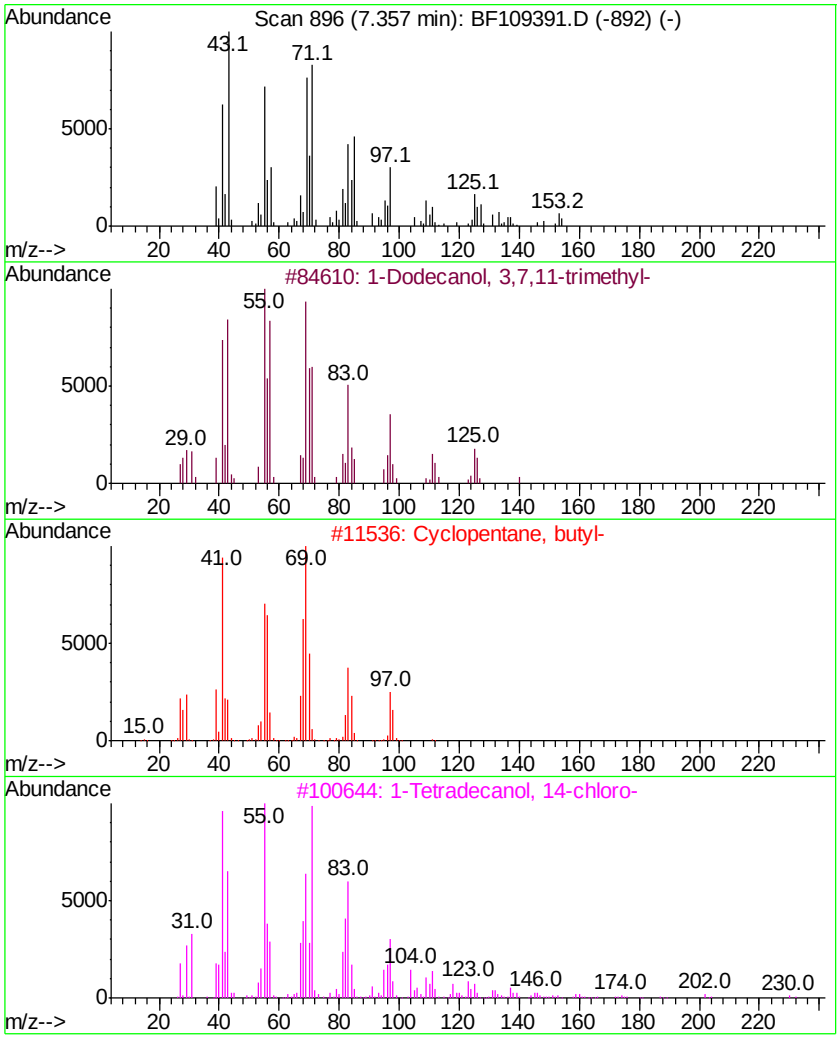
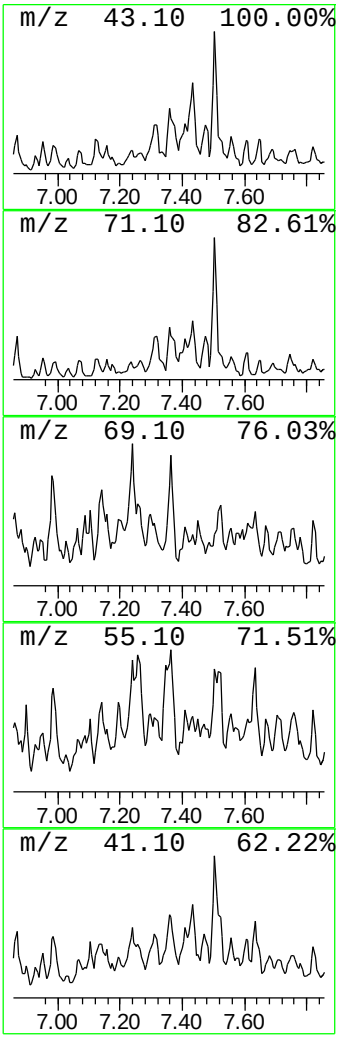
Peak Number 10 1-Dodecanol, 3,7,11-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	12.78 ng	545799	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	50
2	Cyclopentane, butyl-	126	C9H18	002040-95-1	38
3	1-Tetradecanol, 14-chloro-	248	C14H29ClO	073937-05-0	38
4	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	35
5	Cyclopentanol, 1,2-dimethyl-3-(1...	154	C10H18O	004028-60-8	30





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Sample : J5066-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId : EP1-Q1-H4

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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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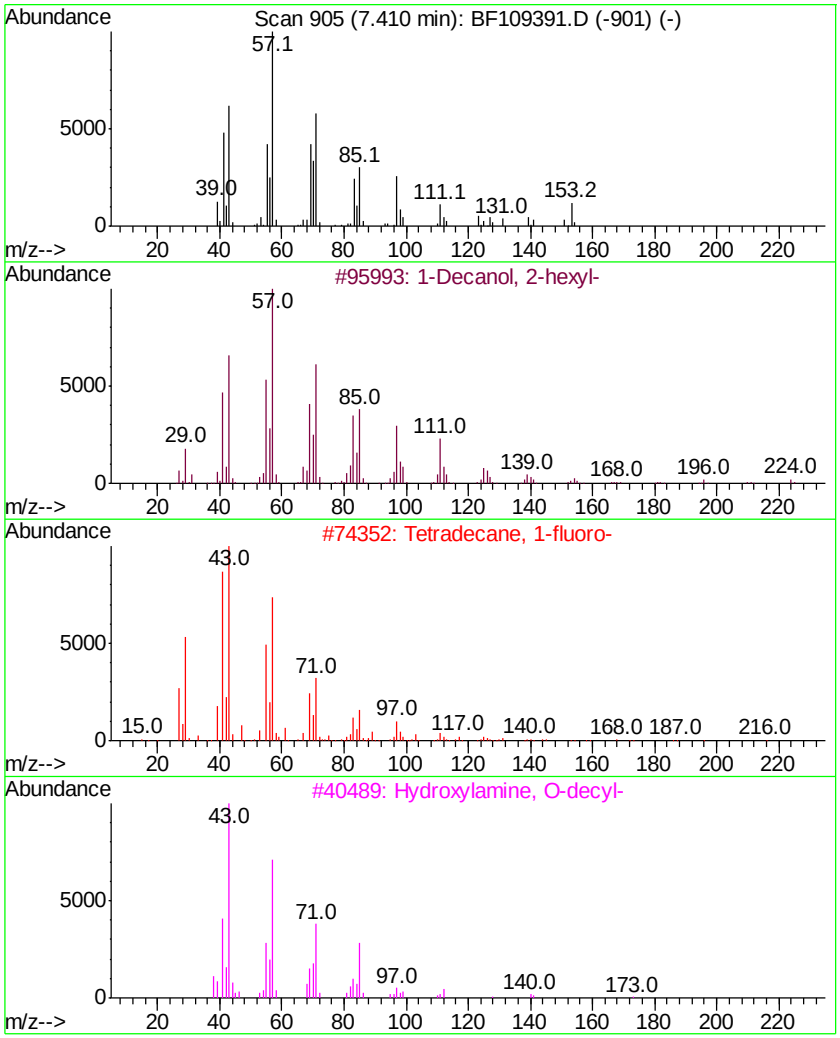
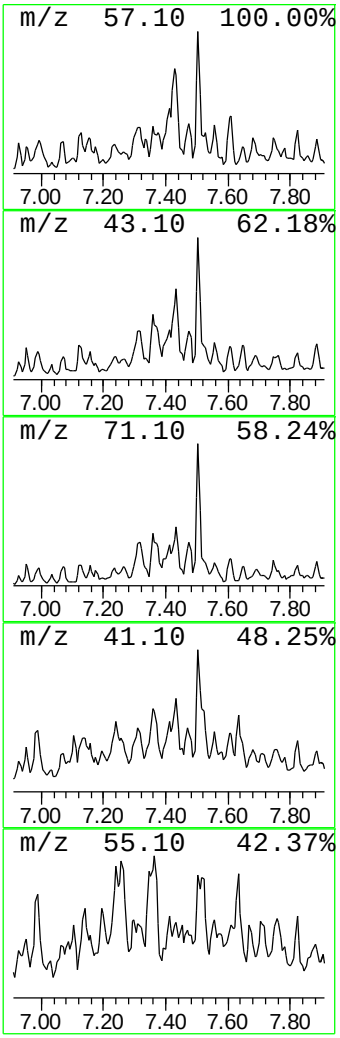
Peak Number 11 1-Decanol, 2-hexyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	6.00 ng	256457	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	80
2	Tetradecane, 1-fluoro-	216	C14H29F	000593-33-9	72
3	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	59
4	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	53
5	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	53





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Operator : JU/SJ
Sample : J5066-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-H4

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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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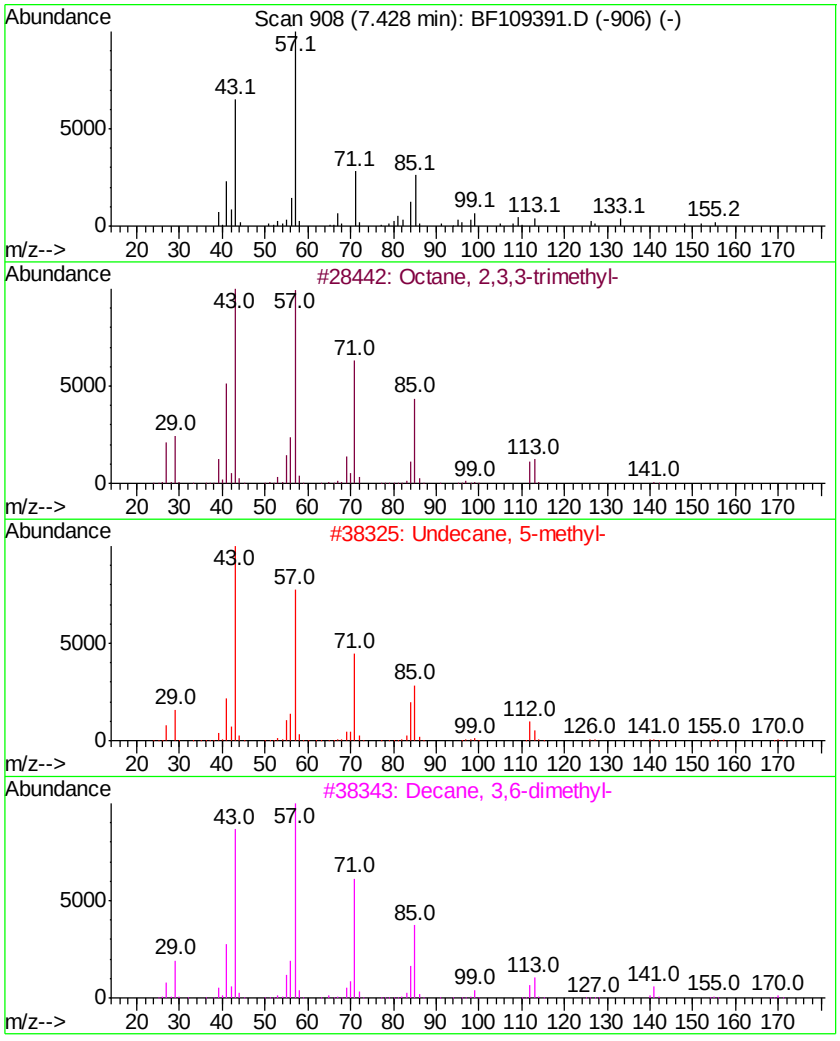
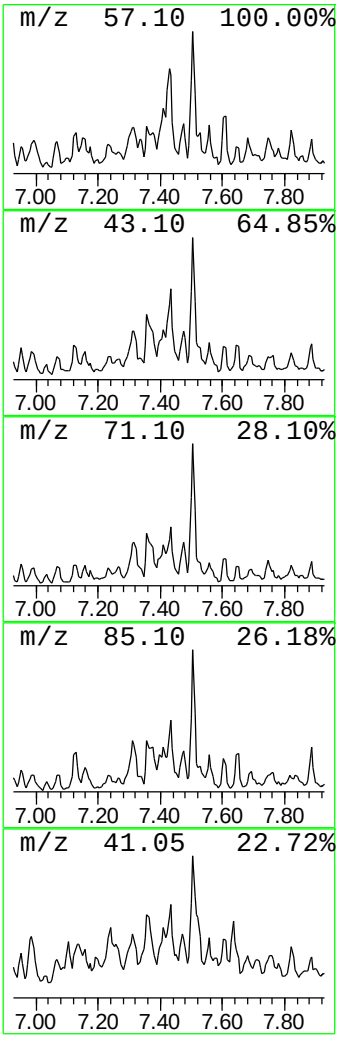
Peak Number 12 Octane, 2,3,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	9.78 ng	417779	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	59
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	59
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	59
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
5	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	53





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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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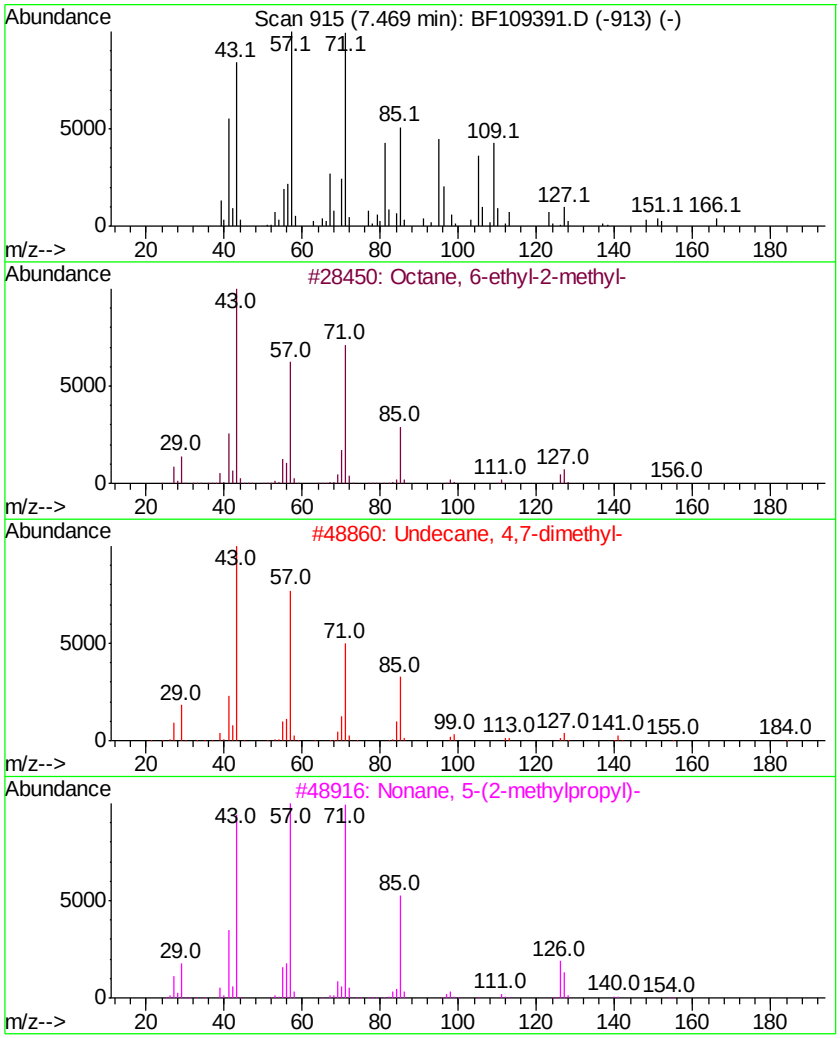
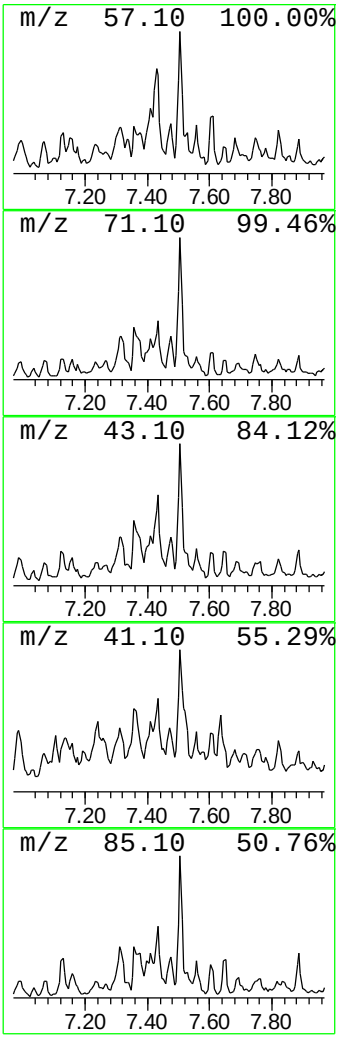
Peak Number 13 unknown7.47 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	6.01 ng	256928	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	35
2	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	35
3	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	27
4	Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	27
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	27





Library Search Compound Report

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Operator : JU/SJ
Sample : J5066-09
Misc :
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Instrument : BNA_F
ClientSampleId : EP1-Q1-H4

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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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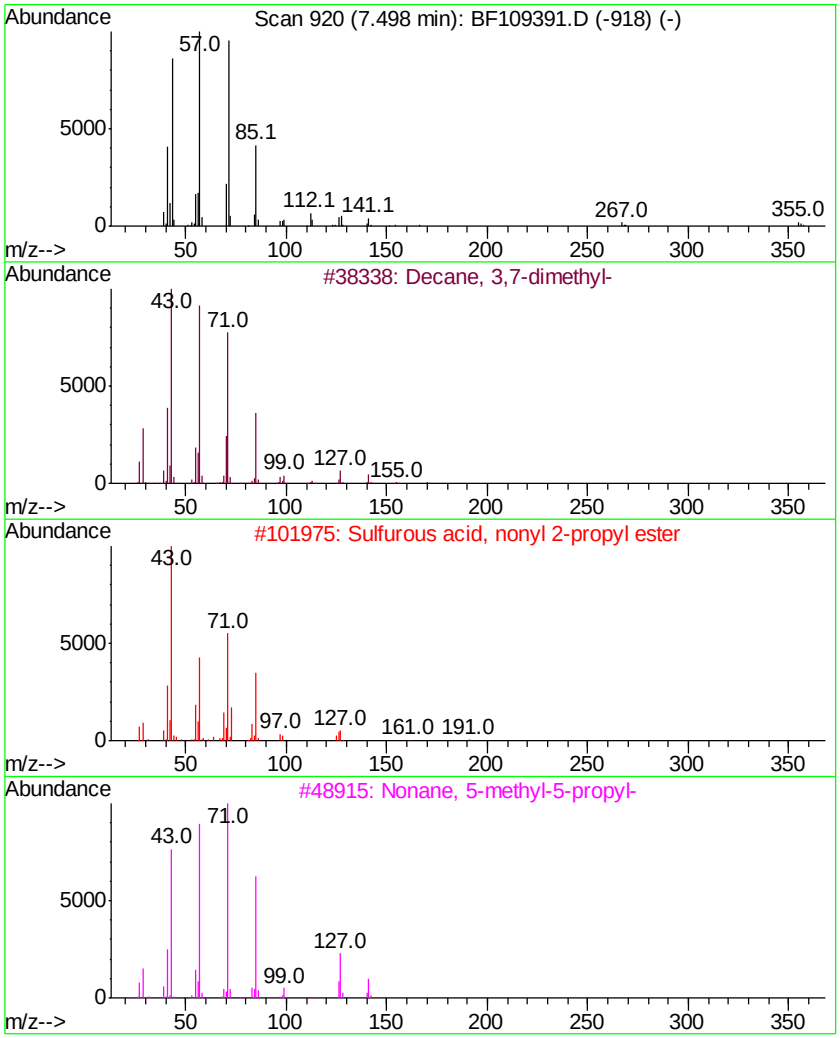
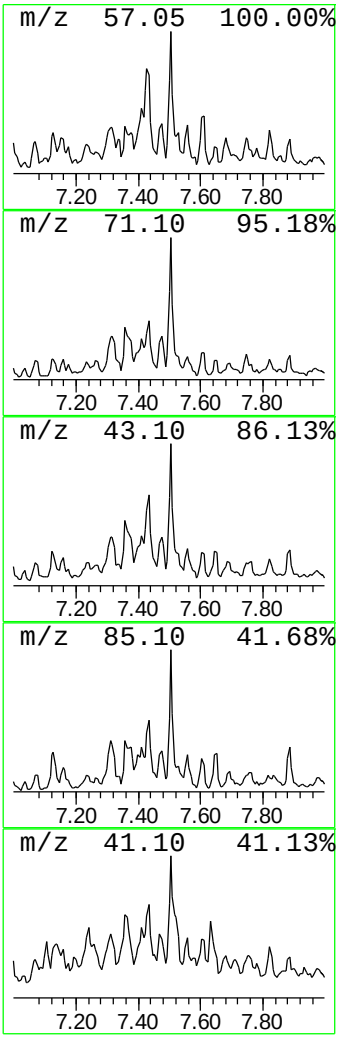
Peak Number 14 Decane, 3,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	12.59 ng	537740	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	94
2	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	72
3	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	59
4	Butanal, 4-[(tetrahydro-2H-pyran...	172	C9H16O3	054911-85-2	59
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	53





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Operator : JU/SJ
Sample : J5066-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-H4

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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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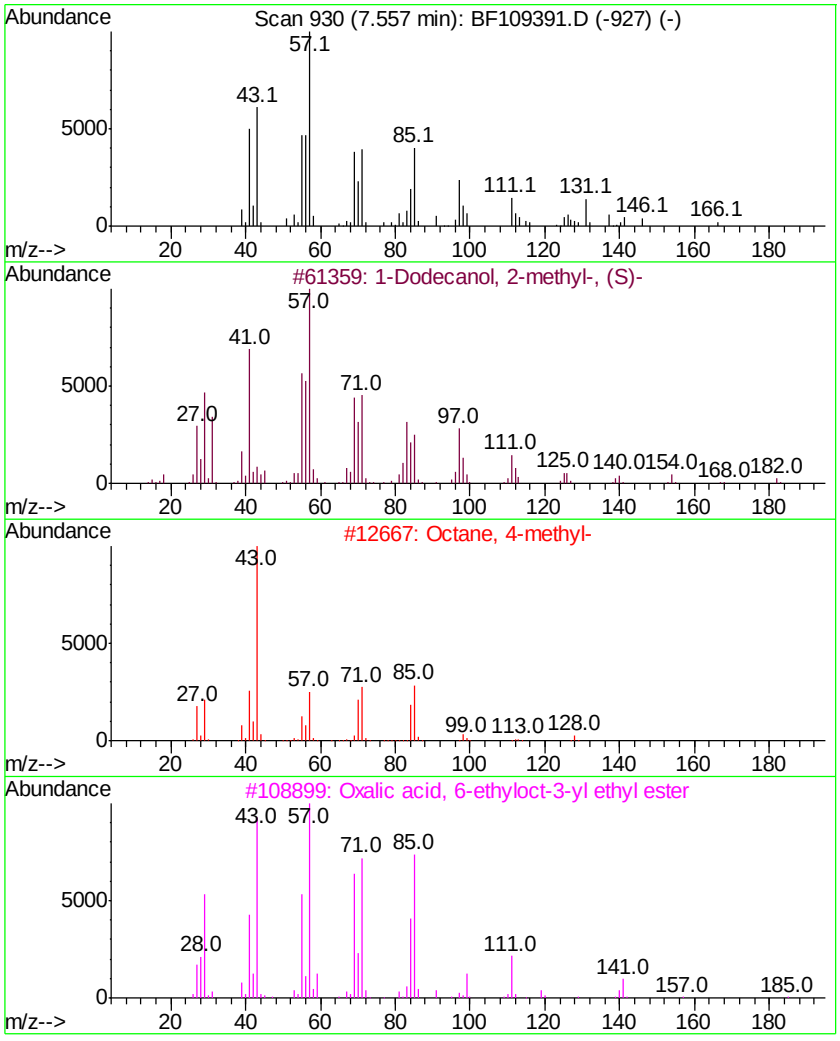
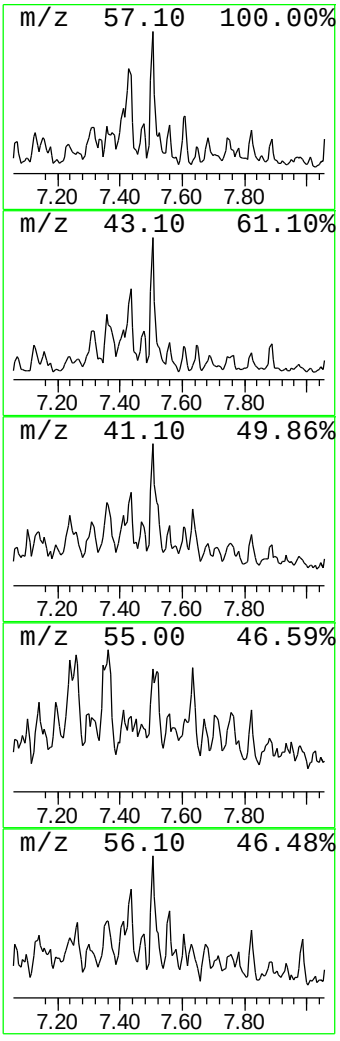
Peak Number 15 1-Dodecanol, 2-methyl-, (S)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	3.76 ng	160478	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-methyl-, (S)-	200	C13H28O	057289-26-6	72
2	Octane, 4-methyl-	128	C9H20	002216-34-4	46
3	Oxalic acid, 6-ethyloct-3-yl eth...	258	C14H26O4	1000309-33-9	46
4	Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	38
5	Undecane	156	C11H24	001120-21-4	38





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Sample : J5066-09
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ClientSampleId : EP1-Q1-H4

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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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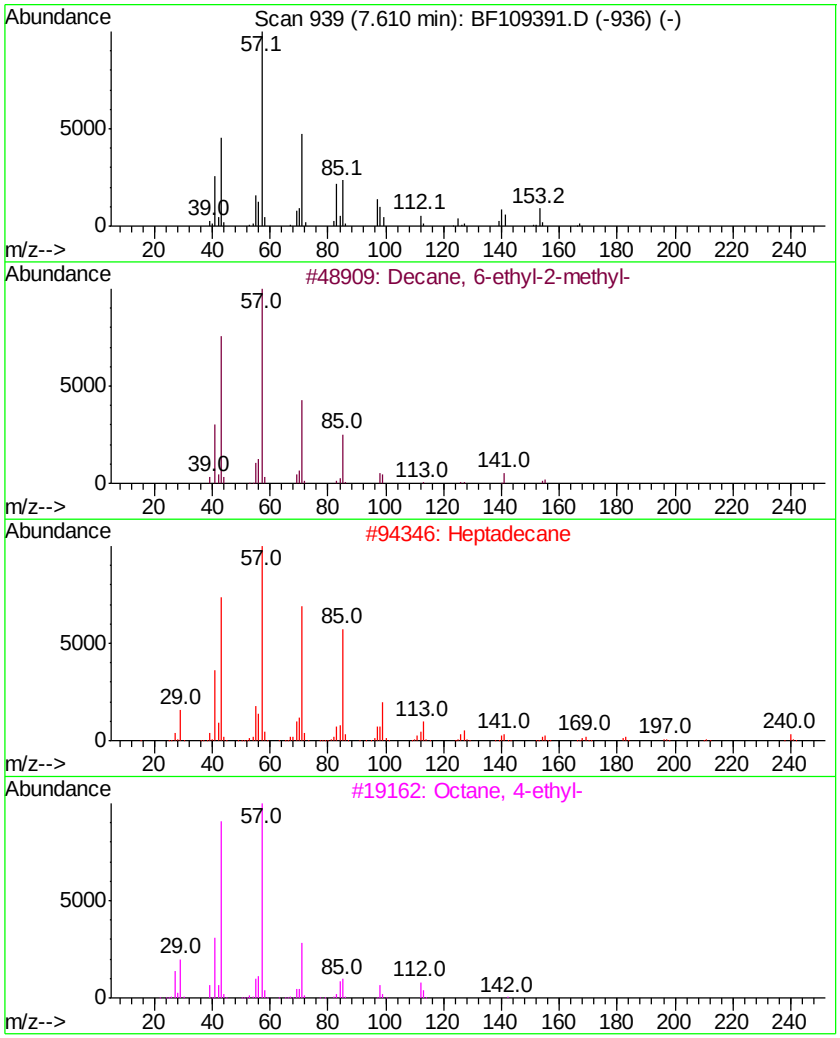
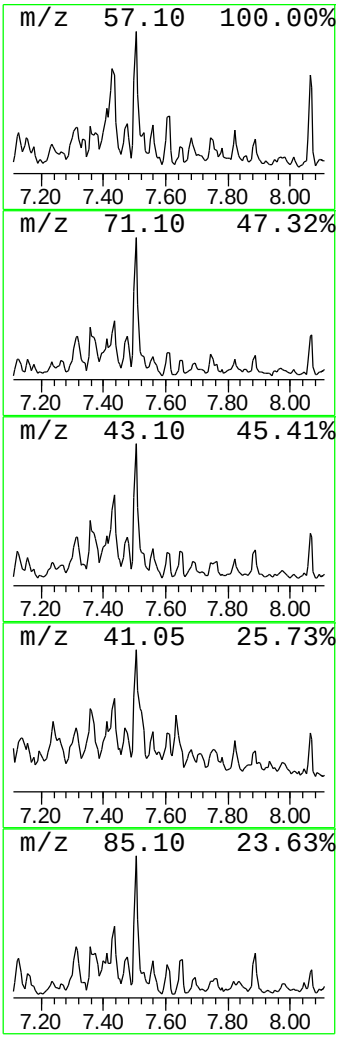
Peak Number 16 Decane, 6-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	3.95 ng	168843	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	50
2	Heptadecane	240	C17H36	000629-78-7	43
3	Octane, 4-ethyl-	142	C10H22	015869-86-0	43
4	Hexadecane	226	C16H34	000544-76-3	43
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	43





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Instrument : BNA_F
ClientSampleId : EP1-Q1-H4

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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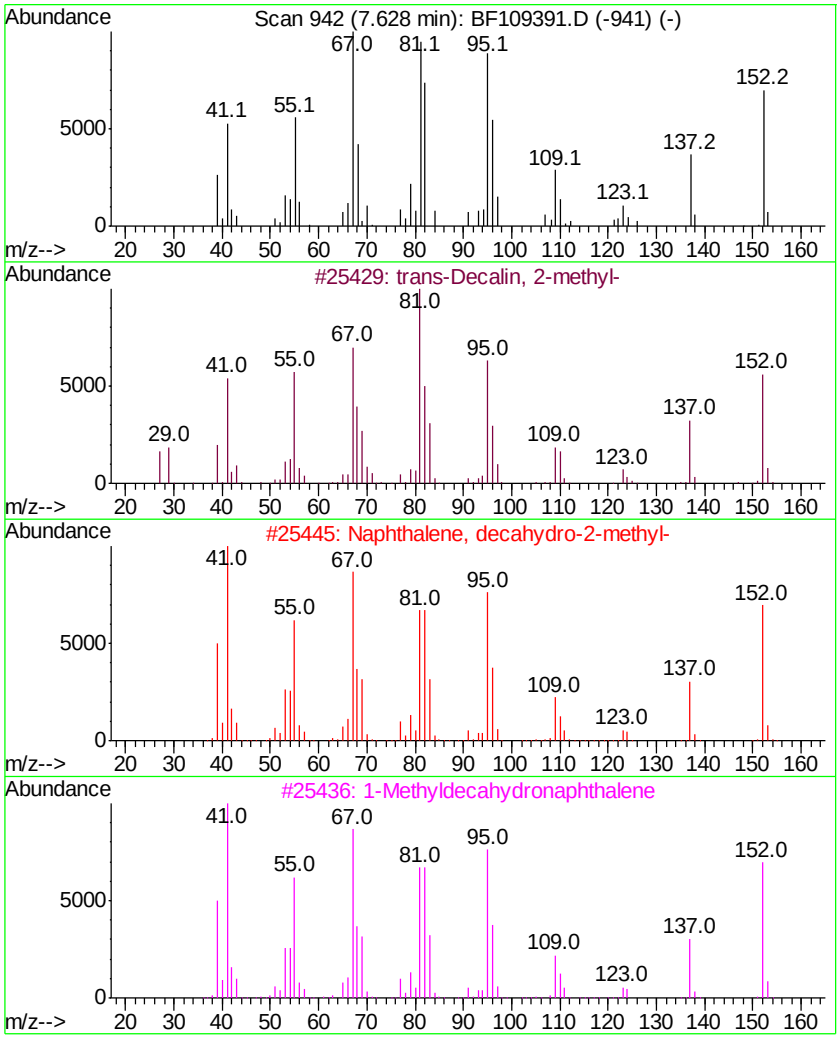
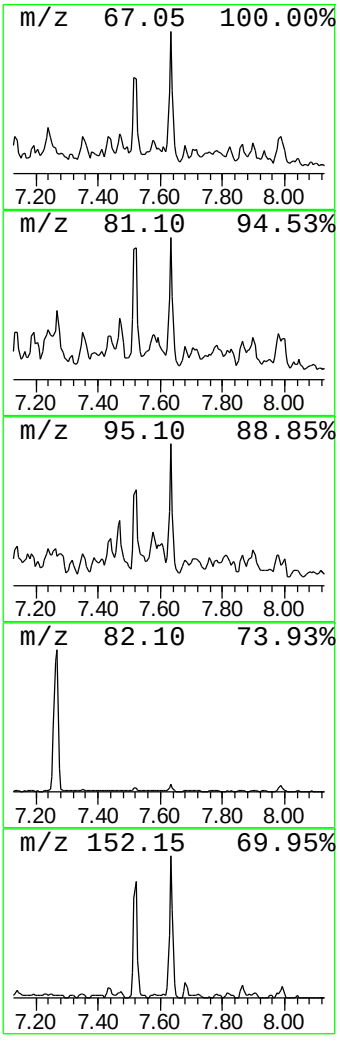
Peak Number 17 trans-Decalin, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	7.93 ng	338867	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	81
3	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	81
4	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	68
5	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	68





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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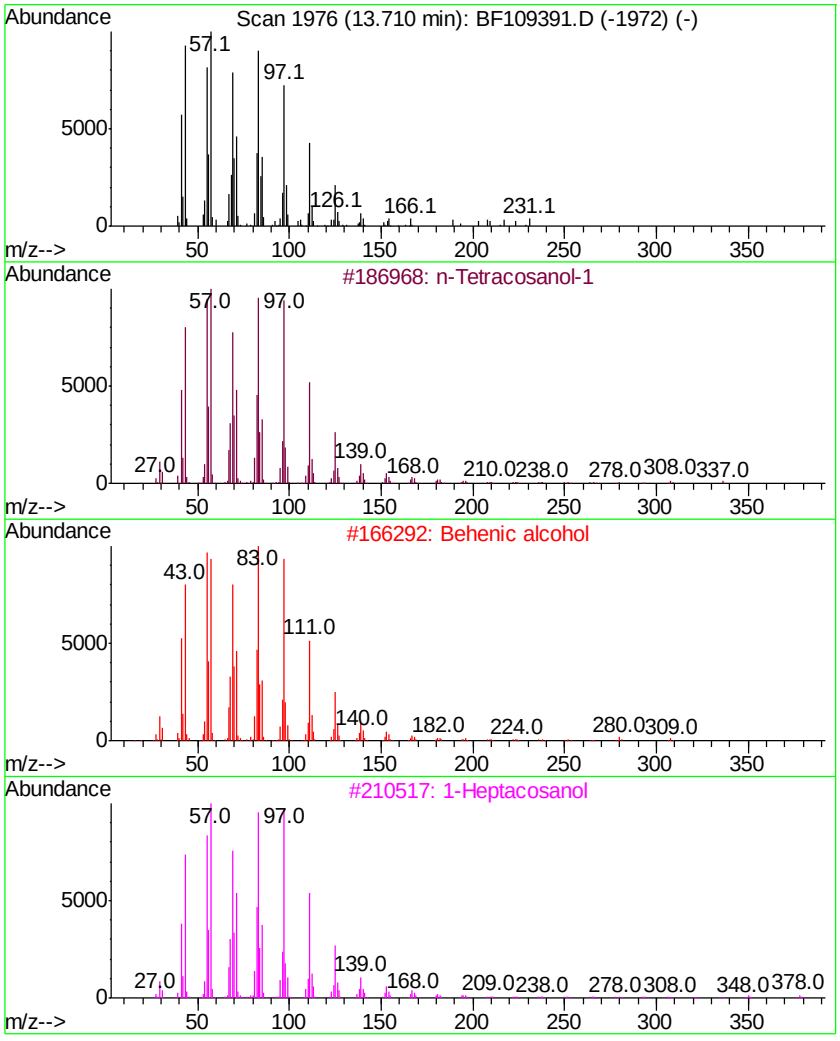
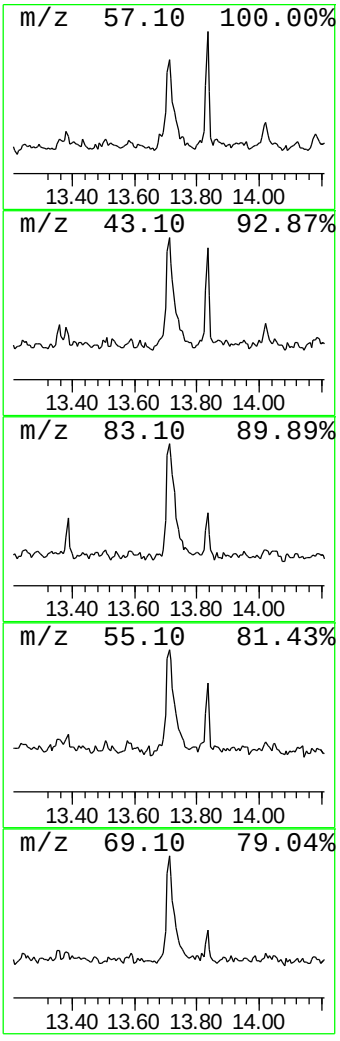
Peak Number 18 n-Tetracosanol-1 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	5.38 ng	219810	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	1-Heptacosanol	396	C27H56O	002004-39-9	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	90





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Acq On : 27 Sep 2018 17:04
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Sample : J5066-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-H4

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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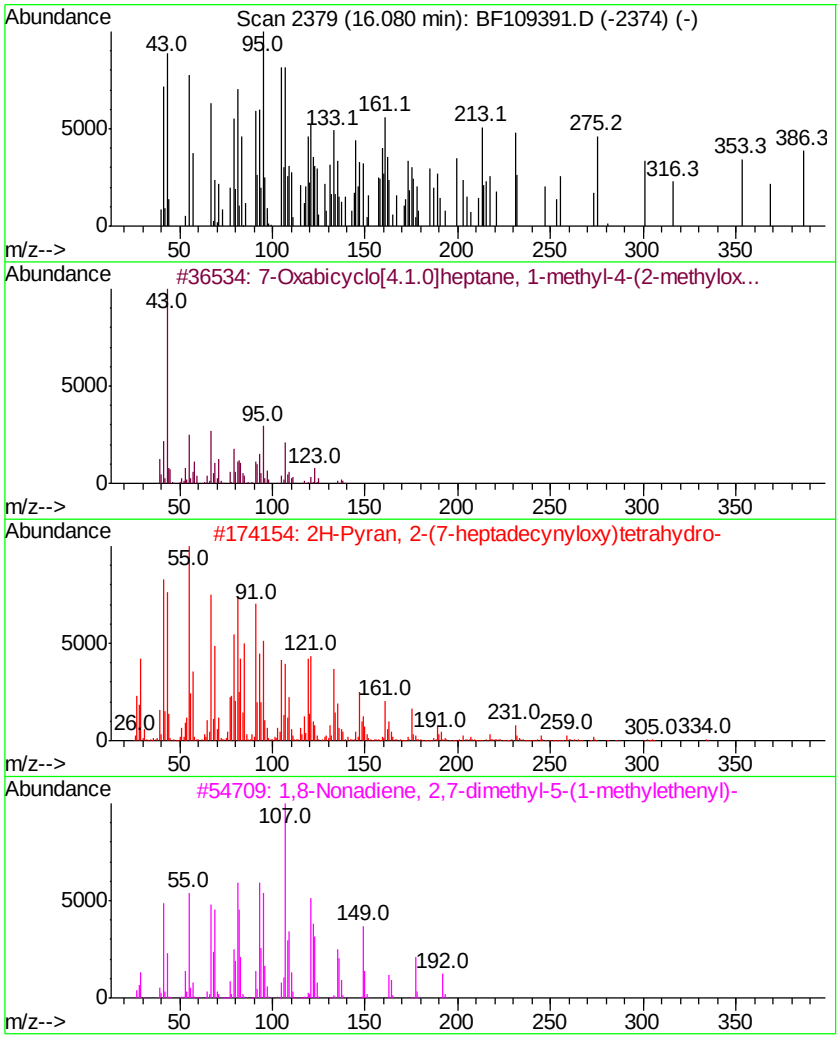
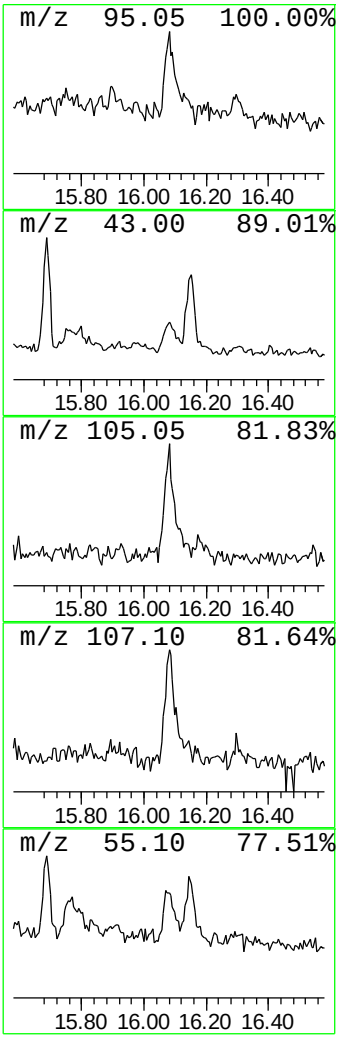
Peak Number 19 unknown16.08 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	3.77 ng	139429	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptane, 1-me...	168	C10H16O2	000096-08-2	35
2	2H-Pyran, 2-(7-heptadecynyloxy)t...	336	C22H40O2	056599-50-9	15
3	1,8-Nonadiene, 2,7-dimethyl-5-(1...	192	C14H24	068702-20-5	14
4	20-Ethynyl-5-pregnen-3,20-diol	342	C23H34O2	1000255-24-9	14
5	Hydrocinnamic acid, ester with 2...	217	C13H15NO2	014026-17-6	11





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109391.D
Acq On : 27 Sep 2018 17:04
Operator : JU/SJ
Sample : J5066-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-H4

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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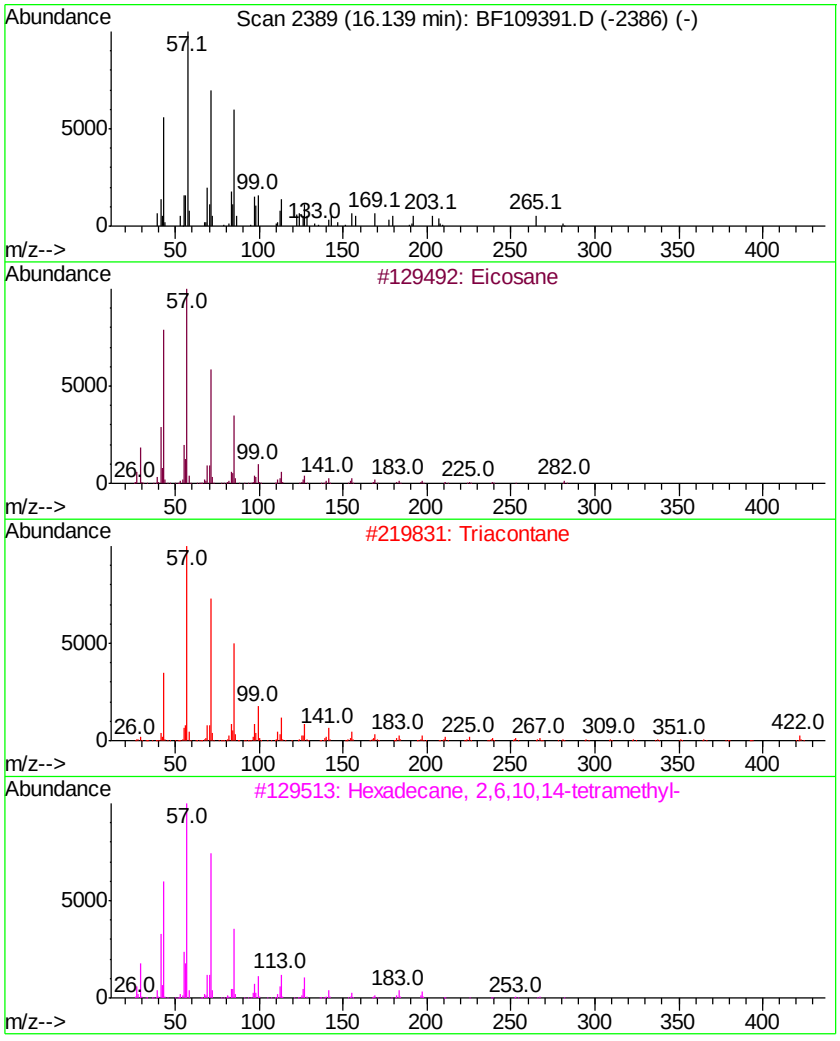
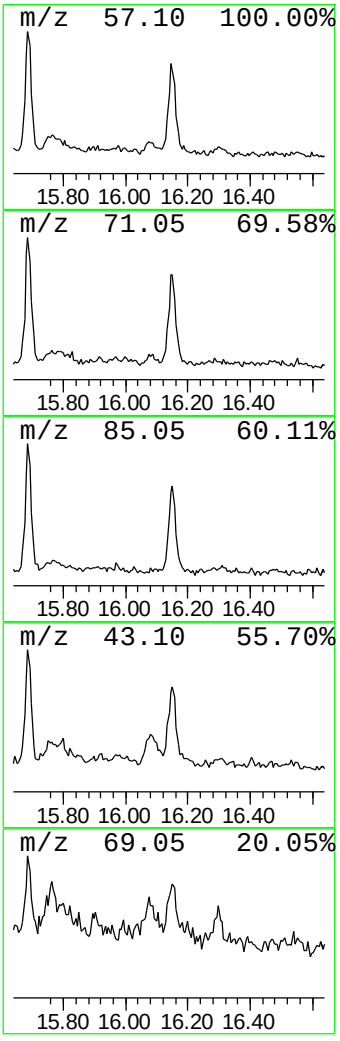
Peak Number 20 Eicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	3.80 ng	140449	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Triacontane	422	C30H62	000638-68-6	91
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Octacosane	394	C28H58	000630-02-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092718\
Data File : BF109391.D
Acq On : 27 Sep 2018 17:04
Operator : JU/SJ
Sample : J5066-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-Q1-H4

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
unknown6.25	6.25	3.9	ng	143940	1	6.70	738092	20.0
unknown6.47	6.47	54.9	ng	2026230	1	6.70	738092	20.0
Dodecane, 2,7,10-...	6.78	4.3	ng	160227	1	6.70	738092	20.0
unknown6.82	6.82	3.7	ng	135039	1	6.70	738092	20.0
1-Ethyl-2,2,6-tri...	6.99	7.4	ng	271481	1	6.70	738092	20.0
unknown7.07	7.07	3.5	ng	128310	1	6.70	738092	20.0
Cyclopentane, hexyl-	7.13	4.8	ng	176439	1	6.70	738092	20.0
unknown7.19	7.19	4.6	ng	169316	1	6.70	738092	20.0
1-Dodecanol, 3,7,...	7.36	12.8	ng	545799	2	7.99	854294	20.0
1-Decanol, 2-hexyl-	7.41	6.0	ng	256457	2	7.99	854294	20.0
Octane, 2,3,3-tri...	7.43	9.8	ng	417779	2	7.99	854294	20.0
unknown7.47	7.47	6.0	ng	256928	2	7.99	854294	20.0
Decane, 3,7-dimet...	7.50	12.6	ng	537740	2	7.99	854294	20.0
1-Dodecanol, 2-me...	7.56	3.8	ng	160478	2	7.99	854294	20.0
Decane, 6-ethyl-2...	7.61	4.0	ng	168843	2	7.99	854294	20.0
trans-Decalin, 2-...	7.63	7.9	ng	338867	2	7.99	854294	20.0
n-Tetracosanol-1	13.71	5.4	ng	219810	5	13.84	817558	20.0
unknown16.08	16.08	3.8	ng	139429	6	15.24	739577	20.0
Eicosane	16.14	3.8	ng	140449	6	15.24	739577	20.0