LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF112006.D
Acq On : 10 Jan 2019 23:48
Operator : JU/SJ
Sample : K1071-03 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(10-15)

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-BF010719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.963	136	149	159	rBV	218158	489881	2.22%	0.177%
2	4.187	349	357	362	rBV	561900	904062	4.09%	0.327%
3	4.234	362	365	376	rVB	260932	366171	1.66%	0.132%
4	4.334	376	382	386	rBV2	148299	246098	1.11%	0.089%
5	4.387	386	391	398	rVB	174552	304626	1.38%	0.110%
6	4.522	409	414	424	rBV2	486699	844921	3.83%	0.305%
7	4.628	424	432	439	rVV	286081	426197	1.93%	0.154%
8	4.828	462	466	470	rBV	174232	228658	1.04%	0.083%
9	4.939	477	485	490	rBV	901306	1459225	6.61%	0.527%
10	5.040	490	502	507	rVV5	1738359	3898389	17.65%	1.409%
11	5.098	507	512	517	rVV	2454090	3490048	15.80%	1.261%
12	5.175	521	525	531	rVV	1322334	1905995	8.63%	0.689%
13	5.222	531	533	541	rVB	484948	587370	2.66%	0.212%
14	5.298	541	546	555	rBV	2449537	4344035	19.67%	1.570%
15	5.475	569	576	578	rVV4	411815	811887	3.68%	0.293%
16	5.498	578	580	584	rVB2	624166	692138	3.13%	0.250%
17	5.575	590	593	599	rBV	1019648	1642855	7.44%	0.594%
18	5.663	603	608	612	rBV2	2139250	3637409	16.47%	1.314%
19	5.704	612	615	619	rVV	2545909	3220237	14.58%	1.164%
20	5.745	619	622	631	rVB2	2181701	3952902	17.90%	1.428%
21	5.816	631	634	644	rVB	792558	1171668	5.30%	0.423%
22	5.916	644	651	655	rBV2	3533627	6742000	30.52%	2.436%
23	5.963	655	659	663	rBV3	916717	1492350	6.76%	0.539%
24	6.051	670	674	679	rBV3	3839951	5735495	25.97%	2.073%
25	6.104	679	683	687	rBV2	905009	1733352	7.85%	0.626%
26	6.157	687	692	698	rBV2	6909452	14867203	67.31%	5.373%
27	6.210	698	701	704	rVB2	2620723	3025828	13.70%	1.093%
28	6.269	709	711	713	rVB	844794	731300	3.31%	0.264%
29	6.339	718	723	735	rBV2	4150063	10183121	46.10%	3.680%
30	6.439	735	740	748	rBV3	5921030	14474866	65.53%	5.231%
31	6.516	750	753	756	rBV4	1181646	1347935	6.10%	0.487%
32	6.551	756	759	760	rBV	1593975	1570127	7.11%	0.567%
33	6.575	760	763	765	rVB	1517325	1520111	6.88%	0.549%
34	6.598	765	767	770	rVB2	1284683	1139747	5.16%	0.412%

LSC Area Percent Report

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Data File : BF112006.D
Acq On : 10 Jan 2019 23:48
Operator : JU/SJ
Sample : K1071-03 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(10-15)

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-BF010719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.657	770	777	780	rBV5	3927011	9781932	44.29%	3.535%
36	6.757	789	794	798	rBV6	1990269	3250798	14.72%	1.175%
37	6.851	804	810	811	rBV5	2800842	3940481	17.84%	1.424%
38	6.963	826	829	831	rBV2	1300390	1512438	6.85%	0.547%
39	6.998	832	835	837	rBV2	1584207	2027886	9.18%	0.733%
40	7.057	841	845	849	rBV4	4060800	7819871	35.40%	2.826%
41	7.157	857	862	863	rBV2	1980958	3099526	14.03%	1.120%
42	7.310	884	888	890	rBV3	3430886	5345253	24.20%	1.932%
43	7.463	906	914	921	rBV4	6116774	22088352	100.00%	7.982%
44	7.963	992	999	1006	rBV3	4129787	10689919	48.40%	3.863%
45	9.263	1213	1220	1223	rBV3	4821763	10138519	45.90%	3.664%
46	9.704	1291	1295	1298	rBV3	4808988	7996224	36.20%	2.890%
47	10.004	1344	1346	1349	rBV3	2352376	2317023	10.49%	0.837%
48	10.069	1355	1357	1362	rBV4	2972666	5342450	24.19%	1.931%
49	10.151	1369	1371	1372	rBV	1755333	1271613	5.76%	0.460%
50	10.210	1379	1381	1390	rVB4	4686941	6501865	29.44%	2.350%
51	10.280	1390	1393	1395	rBV	2599289	2978266	13.48%	1.076%
52	10.504	1428	1431	1433	rVB3	2746400	2630975	11.91%	0.951%
53	10.598	1442	1447	1452	rVB	6014777	8325797	37.69%	3.009%
54	10.733	1468	1470	1474	rBV3	855929	910717	4.12%	0.329%
55	10.857	1486	1491	1494	rBV	7265212	9345333	42.31%	3.377%
56	11.057	1523	1525	1531	rVB4	1469660	1632507	7.39%	0.590%
57	11.310	1564	1568	1574	rVB2	4535299	5234834	23.70%	1.892%
58	11.416	1583	1586	1588	rBV	1051047	1228108	5.56%	0.444%
59	11.451	1588	1592	1595	rVV	5660557	6636871	30.05%	2.398%
60	11.492	1597	1599	1602	rVB	1212228	1040935	4.71%	0.376%
61	11.527	1603	1605	1607	rBV3	462405	439890	1.99%	0.159%
62	11.651	1623	1626	1632	rBV4	843795	1402717	6.35%	0.507%
63	11.745	1640	1642	1647	rVB	700764	863147	3.91%	0.312%
64	11.798	1647	1651	1653	rVB	2158546	1802894	8.16%	0.652%
65	11.827	1653	1656	1658	rVB	319645	282569	1.28%	0.102%
66	11.916	1668	1671	1673	rBV	994219	778842	3.53%	0.281%
67	11.945	1673	1676	1679	rVB	1278547	1276320	5.78%	0.461%
68	11.992	1681	1684	1687	rBV2	476005	806886	3.65%	0.292%
69	12.021	1687	1689	1692	rVB2	1234451	1218458	5.52%	0.440%
70	12.204	1718	1720	1723	rBV	349856	317503	1.44%	0.115%
71	12.268	1729	1731	1737	rBV3	460645	621003	2.81%	0.224%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.357	1743	1746	1749	rVB	1491647	1293242	5.85%	0.467%
73	12.392	1749	1752	1755	rBV	715835	837429	3.79%	0.303%
74	12.468	1762	1765	1766	rBV	709280	743526	3.37%	0.269%
75	12.486	1766	1768	1770	rVV	2753052	2940797	13.31%	1.063%
76	12.515	1770	1773	1777	rVB	5652230	5779275	26.16%	2.088%
77	12.592	1783	1786	1789	rBV2	841005	848819	3.84%	0.307%
78	12.633	1789	1793	1796	rVV	2604337	2395696	10.85%	0.866%
79	12.668	1796	1799	1804	rVV	2034877	2042843	9.25%	0.738%
80	12.863	1827	1832	1838	rBV	1825445	2567967	11.63%	0.928%
81	12.992	1852	1854	1857	rVB2	929157	777586	3.52%	0.281%
82	13.139	1876	1879	1882	rBV	1100488	1135464	5.14%	0.410%
83	14.033	2029	2031	2033	rBV	1427975	1166734	5.28%	0.422%
84	15.492	2277	2279	2280	rBV	926012	749288	3.39%	0.271%
85	15.986	2360	2363	2369	rVB2	941163	1353874	6.13%	0.489%

Sum of corrected areas: 276719469

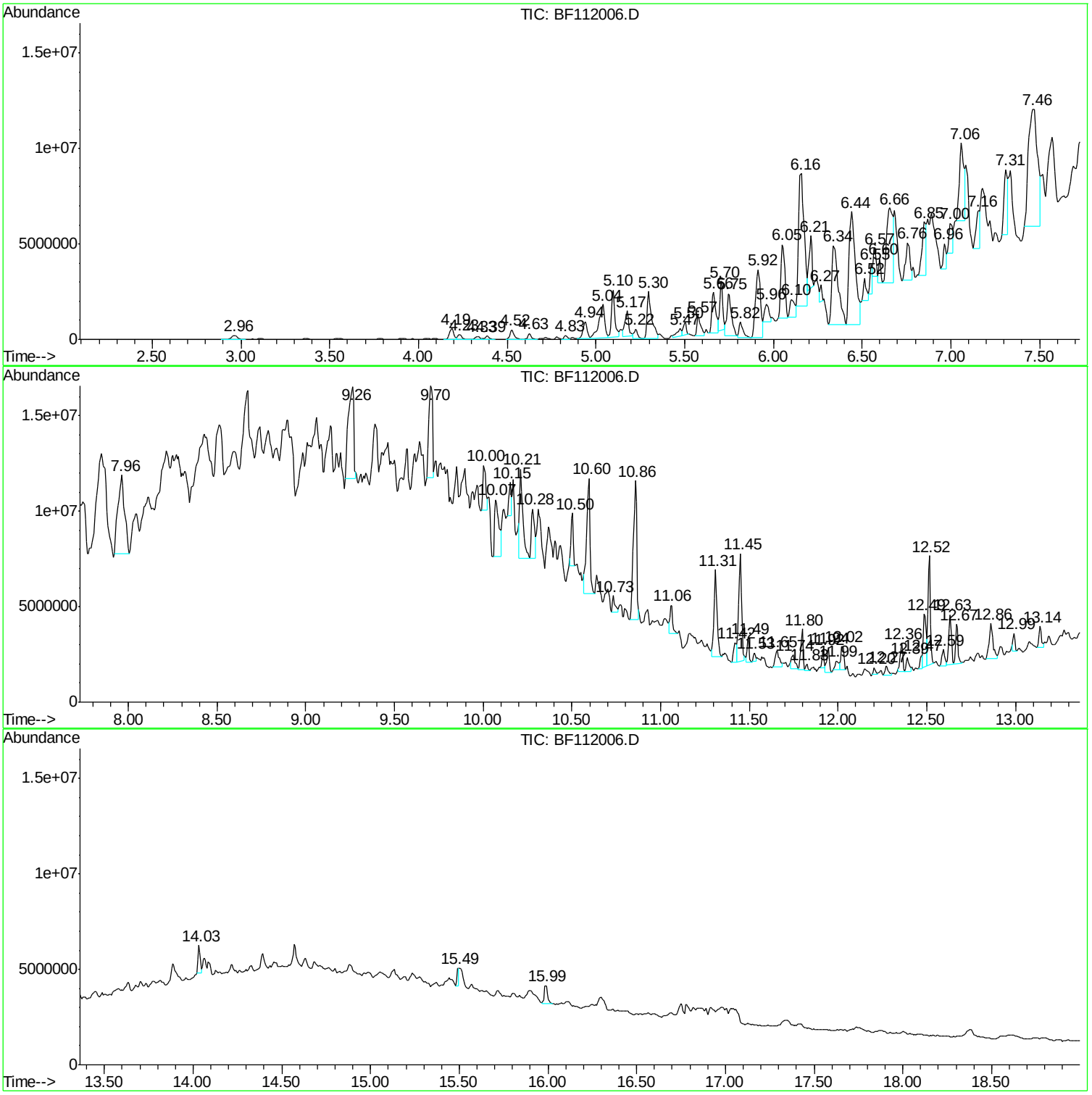
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF112006.D
Acq On : 10 Jan 2019 23:48
Operator : JU/SJ
Sample : K1071-03 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CPSB-16(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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\BF011019\
Data File : BF112006.D
Acq On : 10 Jan 2019 23:48
Operator : JU/SJ
Sample : K1071-03 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

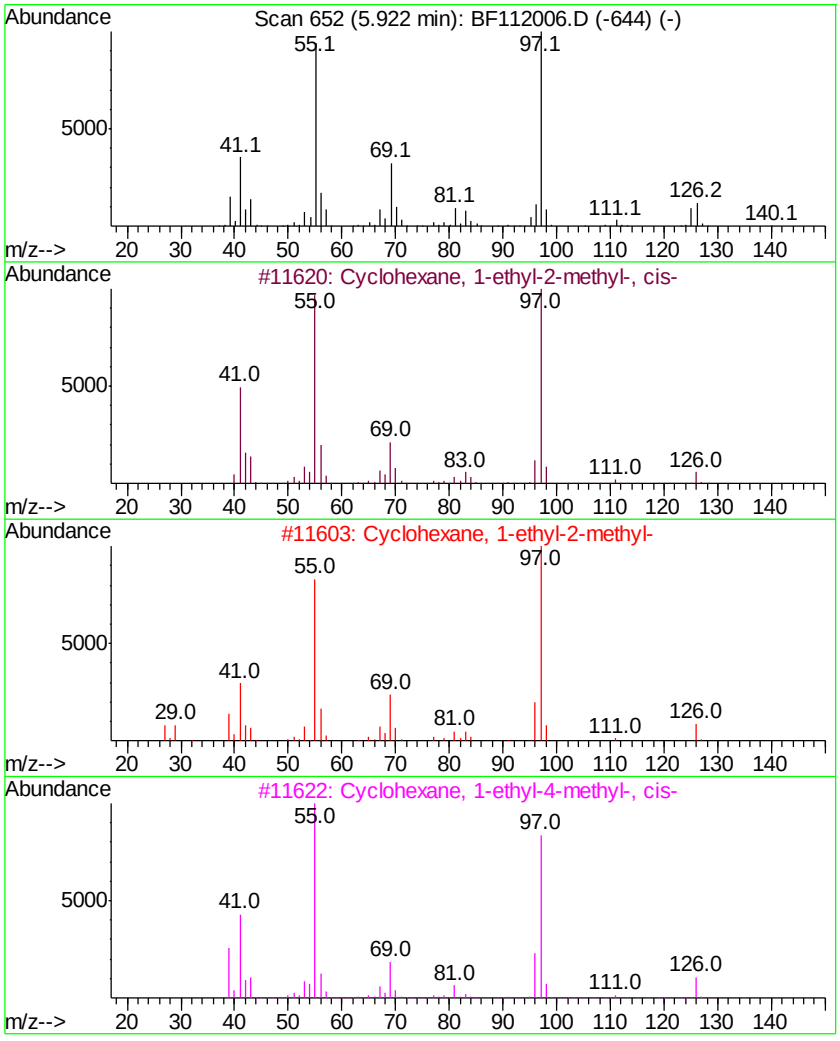
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

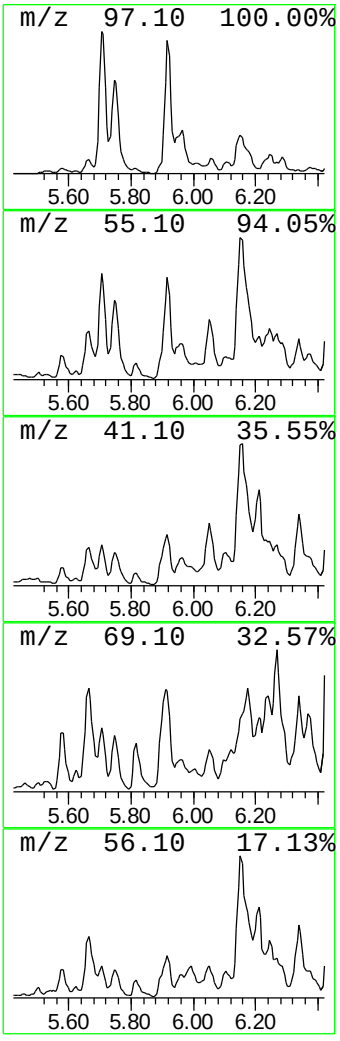
****

Peak Number 1 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	34.22 ng	6742000	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	87
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	74
4	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	68
5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF112006.D
Acq On : 10 Jan 2019 23:48
Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : CPSB-16(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

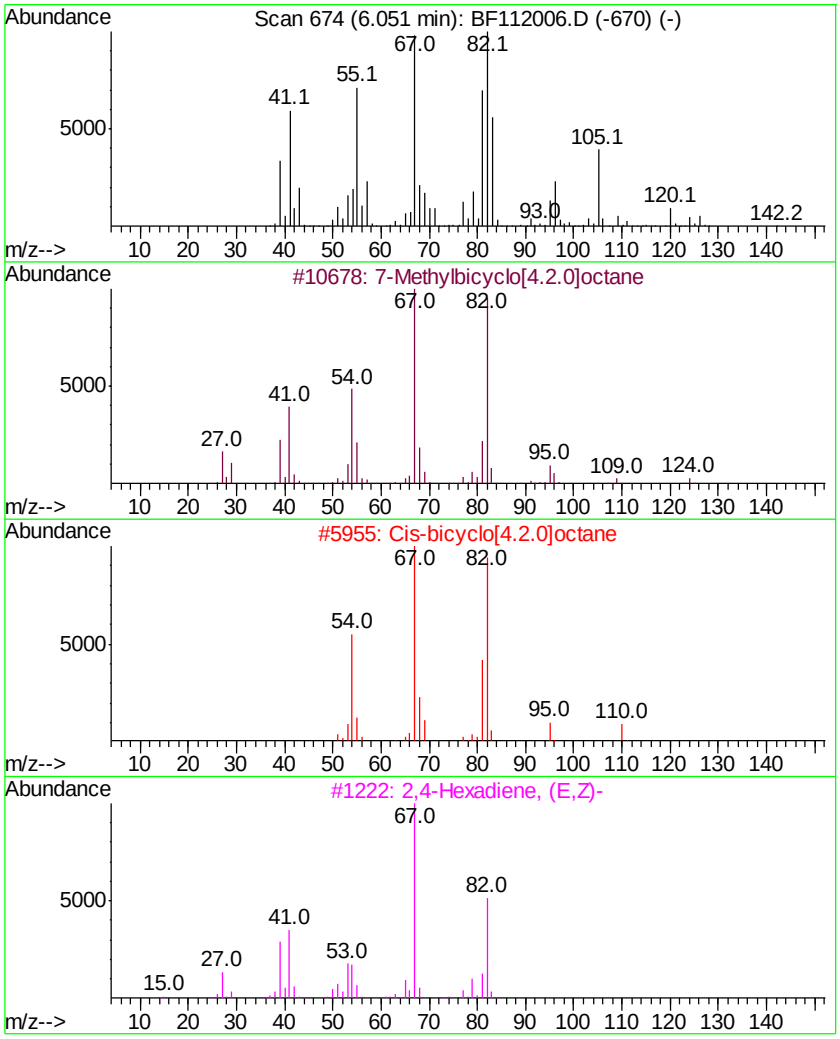
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

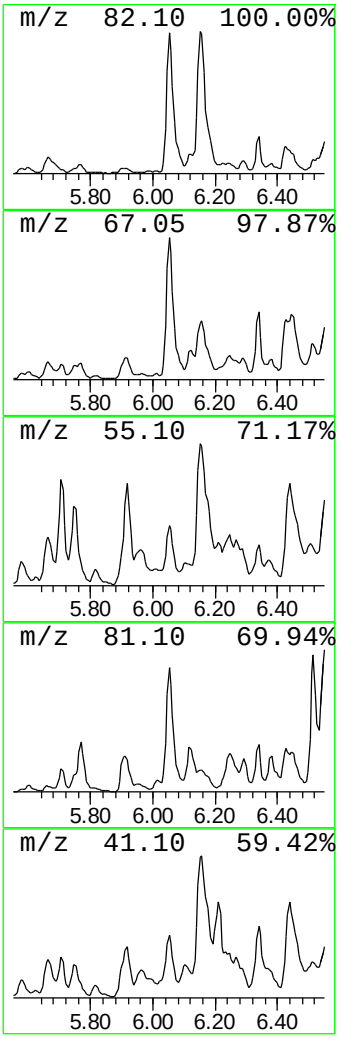
****

Peak Number 2 7-Methylbicyclo[4.2.0]octane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	29.11 ng	5735500	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	64
2	Cis-bicyclo[4.2.0]octane	110	C8H14	028282-35-1	53
3	2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	49
4	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	49
5	(Z),(Z)-2,4-Hexadiene	82	C6H10	006108-61-8	49





Library Search Compound Report

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Acq On : 10 Jan 2019 23:48
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Instrument : BNA_F
ClientSampleId : CPSB-16(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

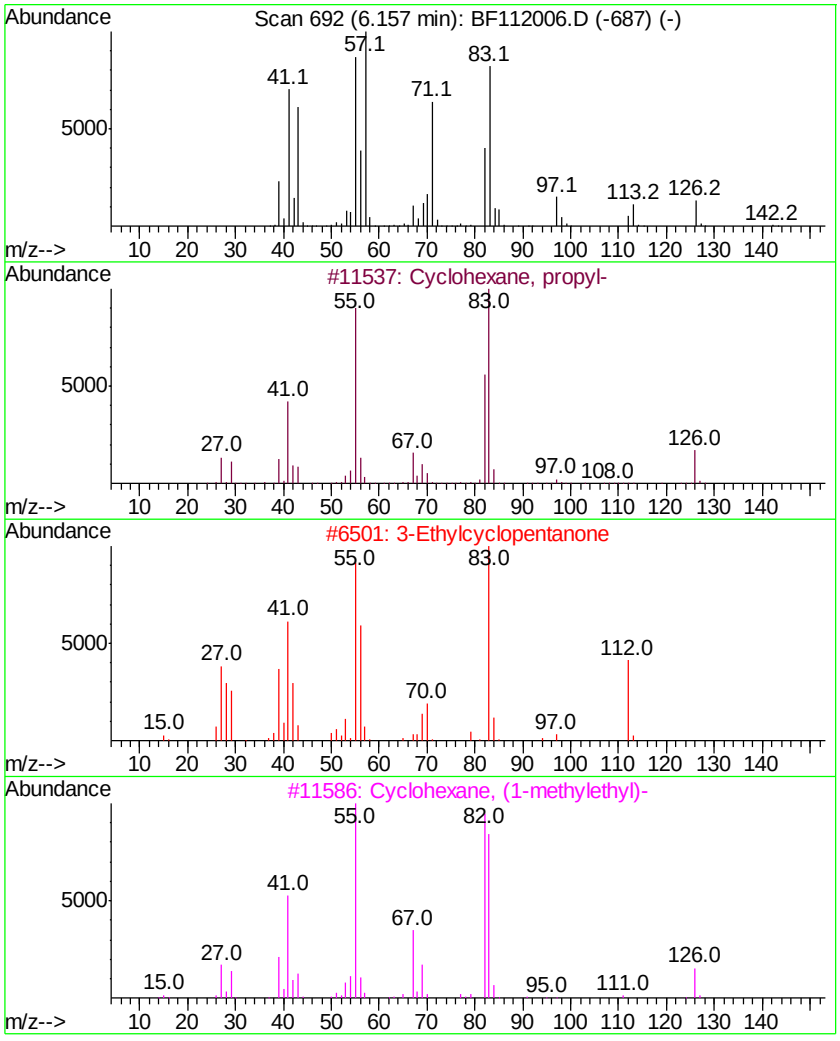
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

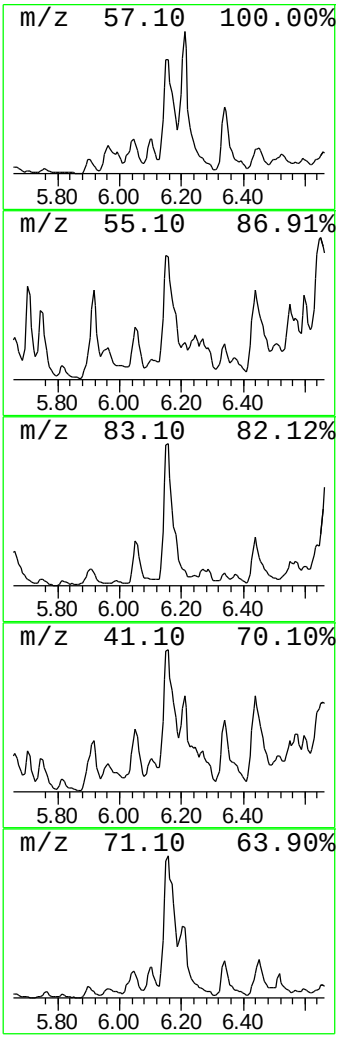
****

Peak Number 3 Cyclohexane, propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	75.46 ng	14867200	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	60
2	3-Ethylcyclopentanone	112	C7H12O	010264-55-8	49
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	30
5	Cycloheptanone, 3-methyl-, (R)-	126	C8H14O	013609-58-0	30





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Operator : JU/SJ
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Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
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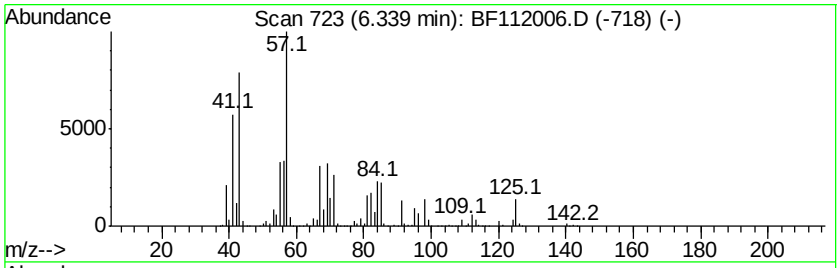
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

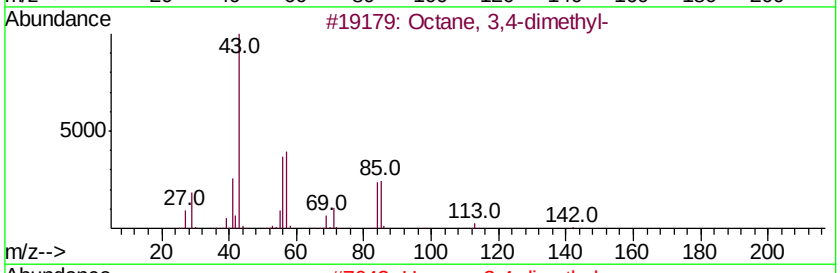
****

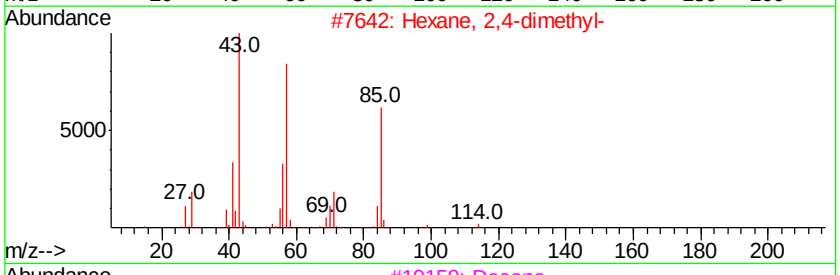
Peak Number 4 unknown6.34 Concentration Rank 8

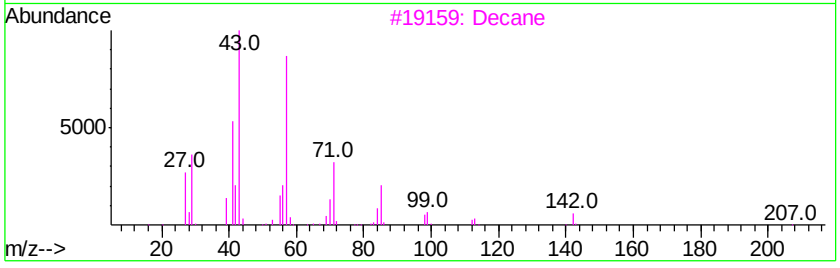
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	51.68 ng	10183100	1,4-Dichlorobenzene-d4	6.89

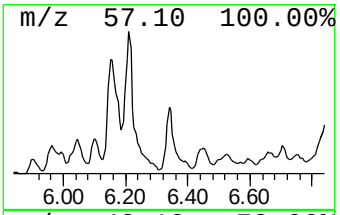
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	38
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	35
3	Decane	142	C10H22	000124-18-5	27
4	Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	27
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	22

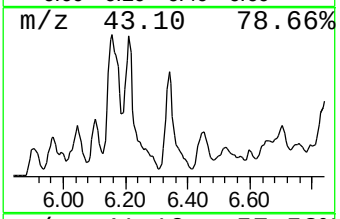


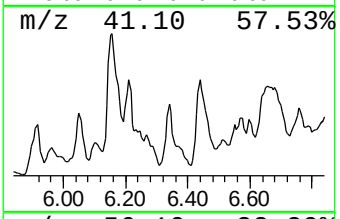


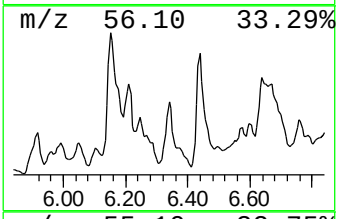


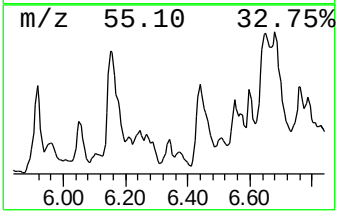












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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

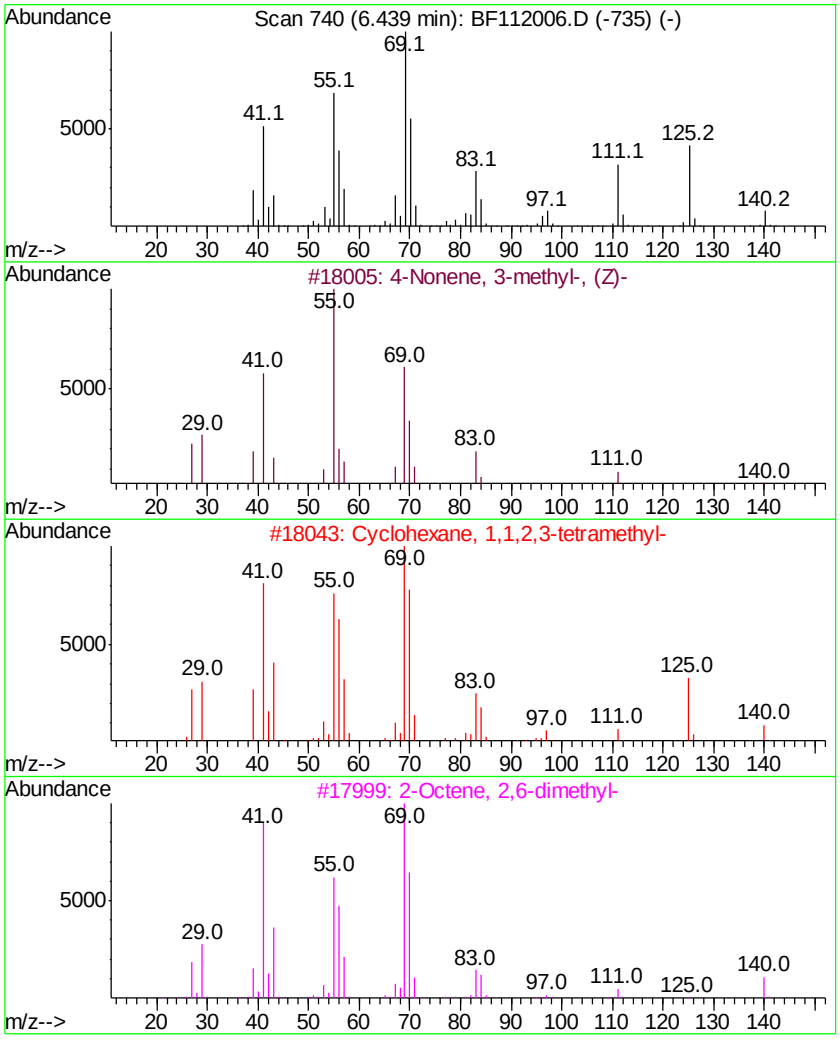
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

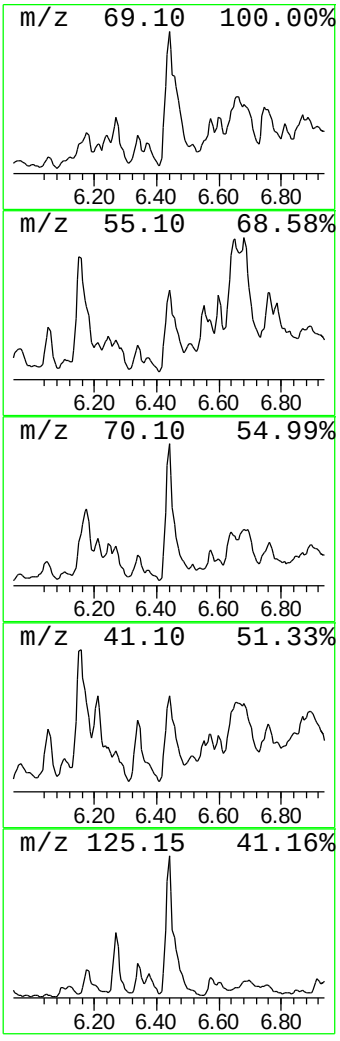
****

Peak Number 5 4-Nonene, 3-methyl-, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	73.47 ng	14474900	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	64
2	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	58
3	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	49
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46





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Acq On : 10 Jan 2019 23:48
Operator : JU/SJ
Sample : K1071-03 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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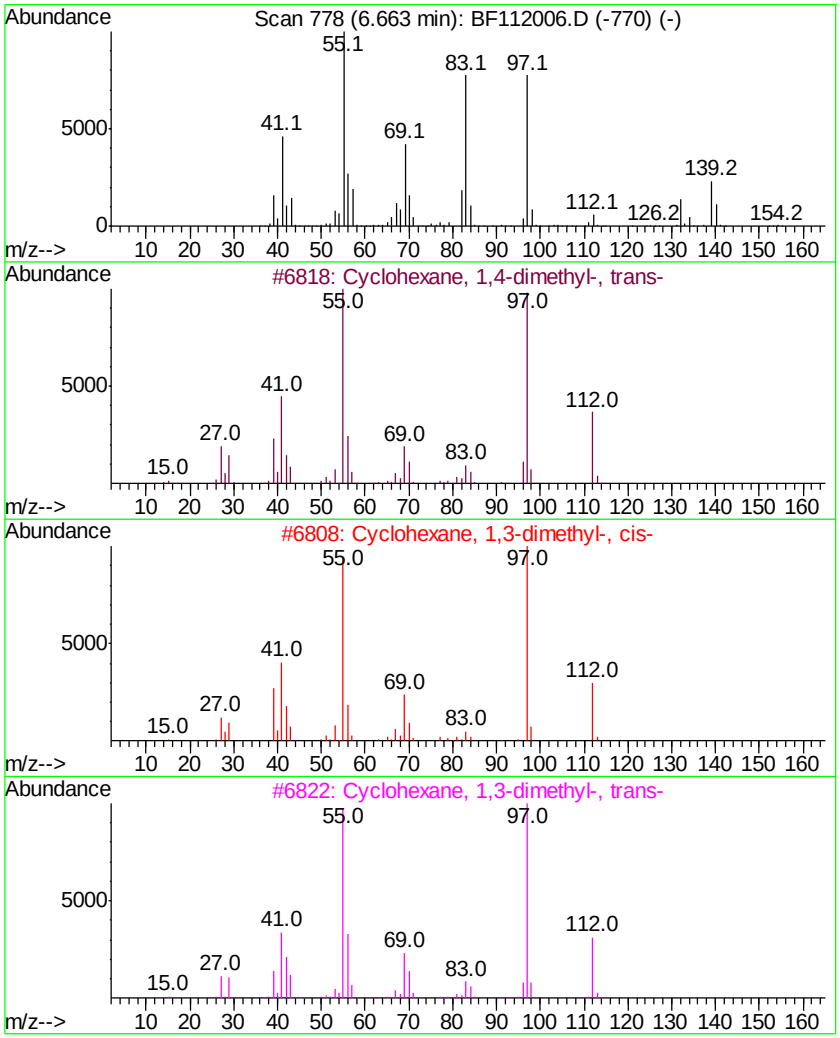
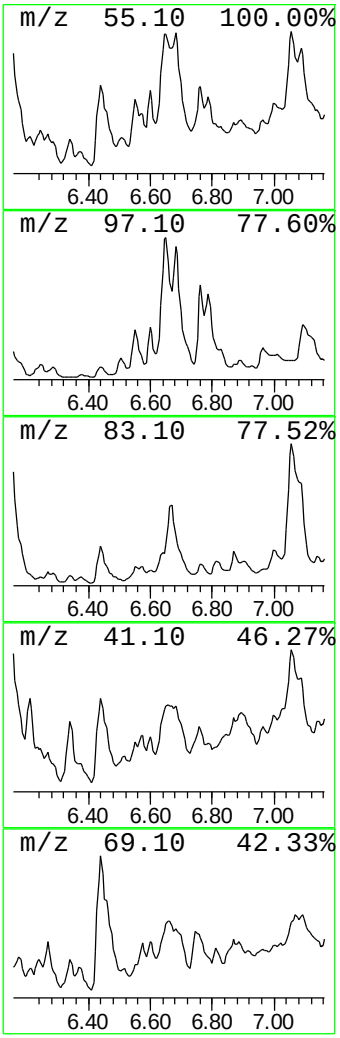
Peak Number 6 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	49.65 ng	9781930	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	64
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	58
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	52
4	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	49
5	2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	100463-01-2	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

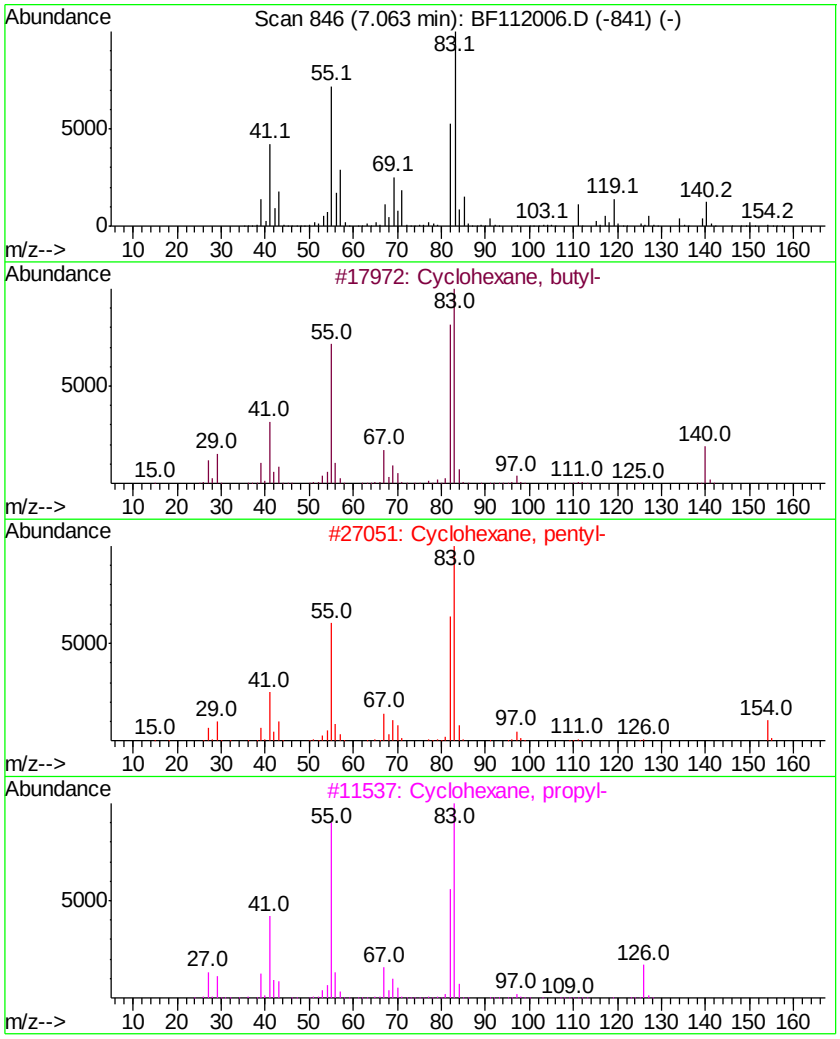
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

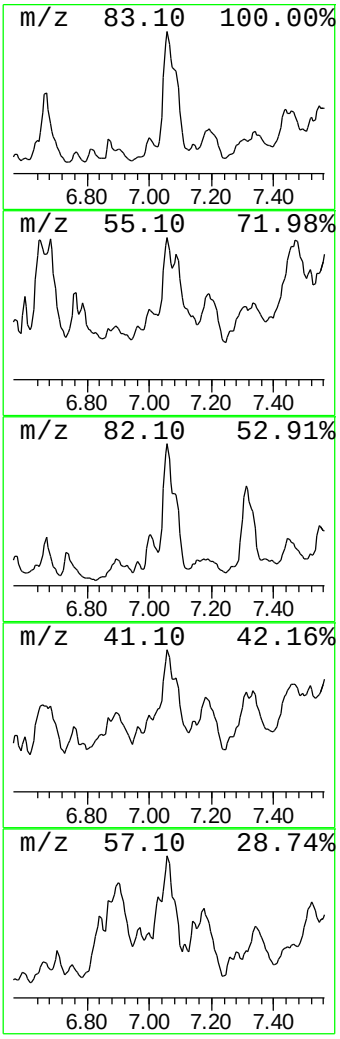
****

Peak Number 7 Cyclohexane, butyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	39.69 ng	7819870	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	76
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	62
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	53
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	52
5	Oxalic acid, cyclohexyl nonyl ester	298	C17H30O4	1000309-31-1	47





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ClientSampleId : CPSB-16(10-15)

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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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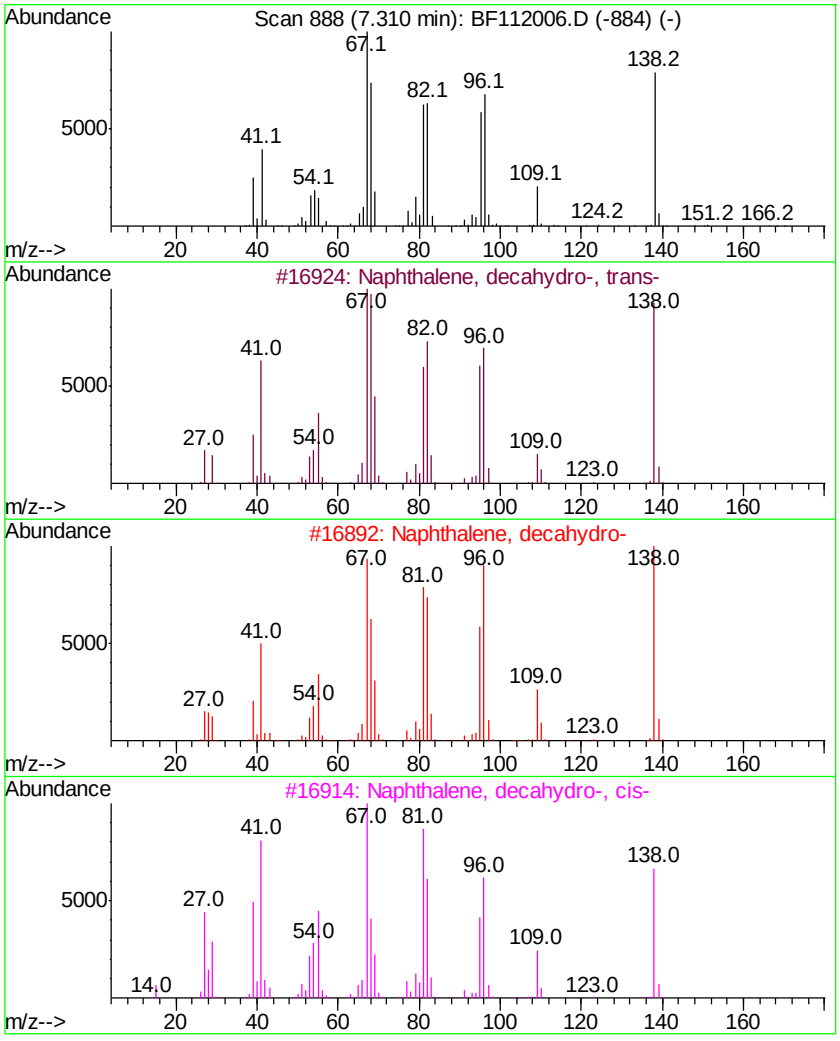
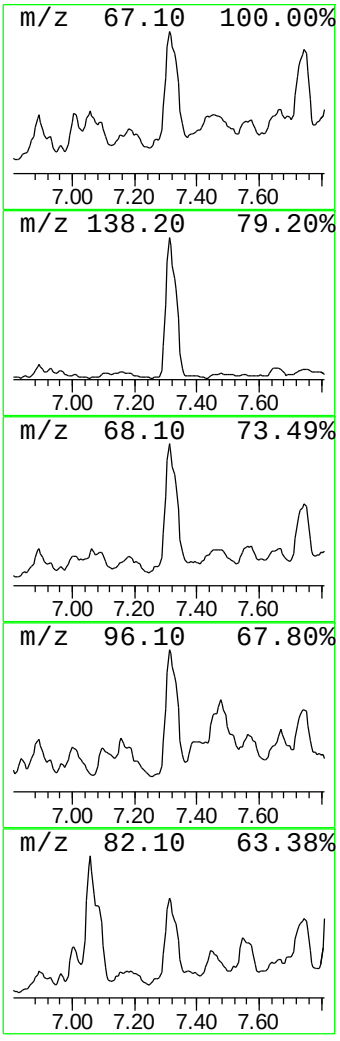
Peak Number 8 Naphthalene, decahydro-, tr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	27.13 ng	5345250	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	91
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	72
4	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	58
5	Cycloheptene	96	C7H12	000628-92-2	46





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(10-15)

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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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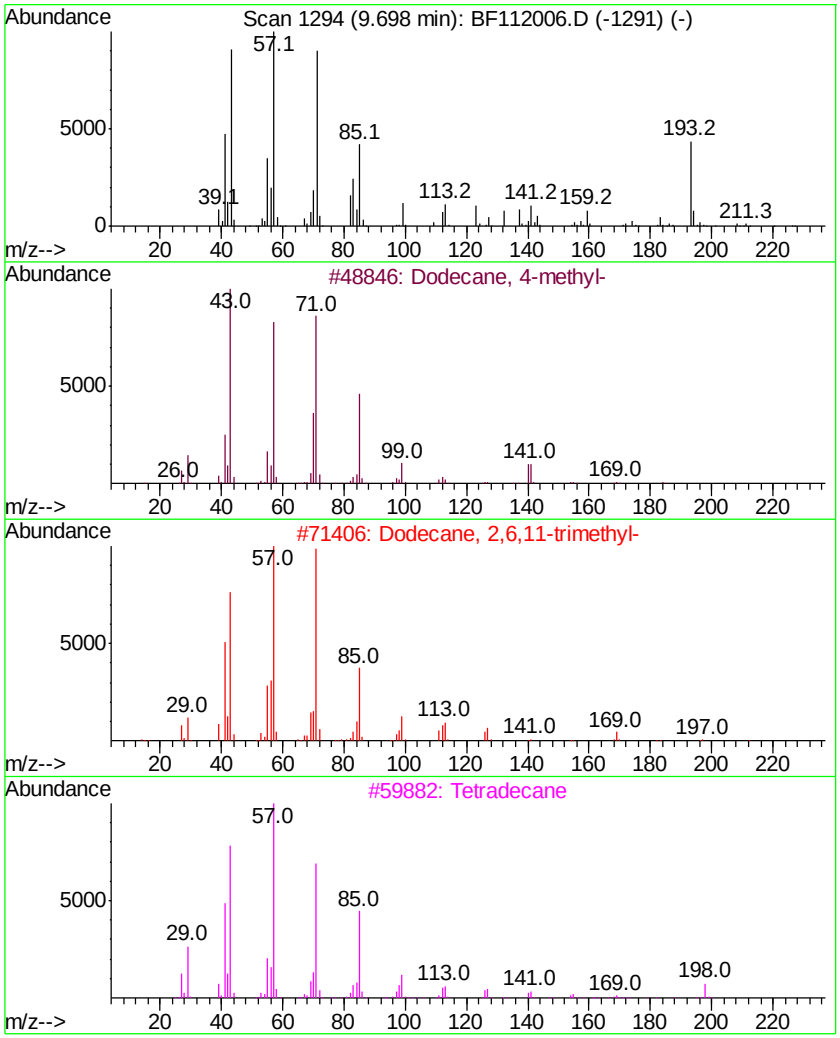
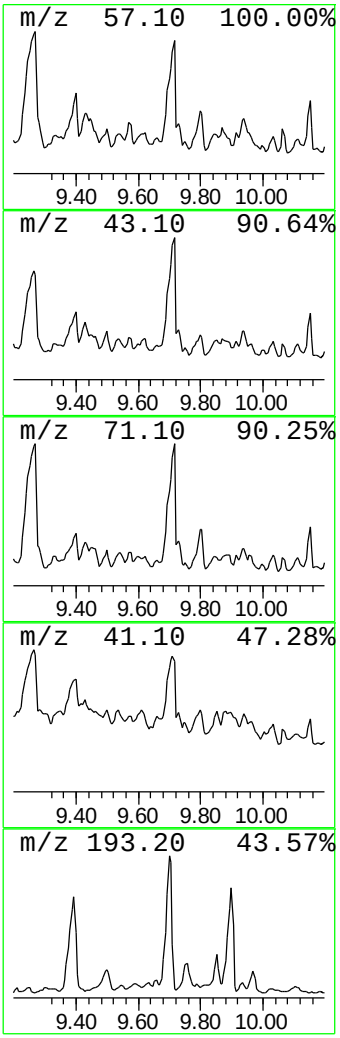
Peak Number 9 Dodecane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	69.02 ng	7996220	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	70
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	70
3	Tetradecane	198	C14H30	000629-59-4	64
4	Decane, 5-propyl-	184	C13H28	017312-62-8	58
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58





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Misc :
ALS Vial : 26 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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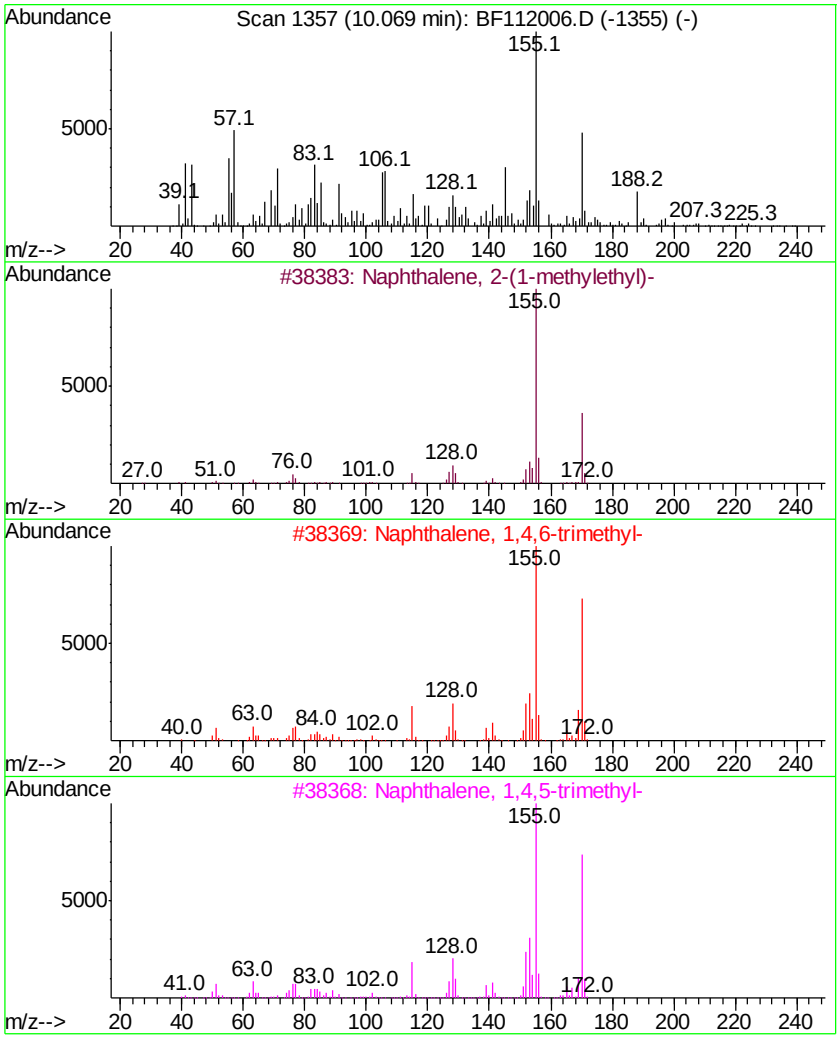
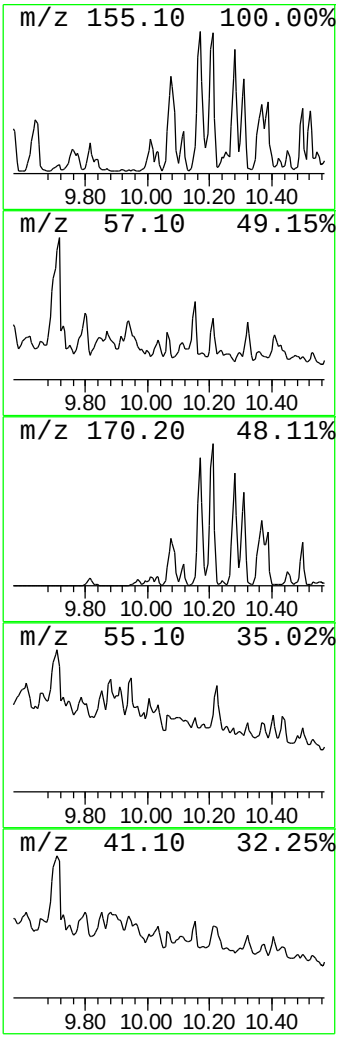
Peak Number 10 Naphthalene, 2-(1-methyleth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	46.11 ng	5342450	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	92
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	60
4	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	50
5	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	50





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Sample : K1071-03 2X
Misc :
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Instrument : BNA_F
ClientSampleId : CPSB-16(10-15)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

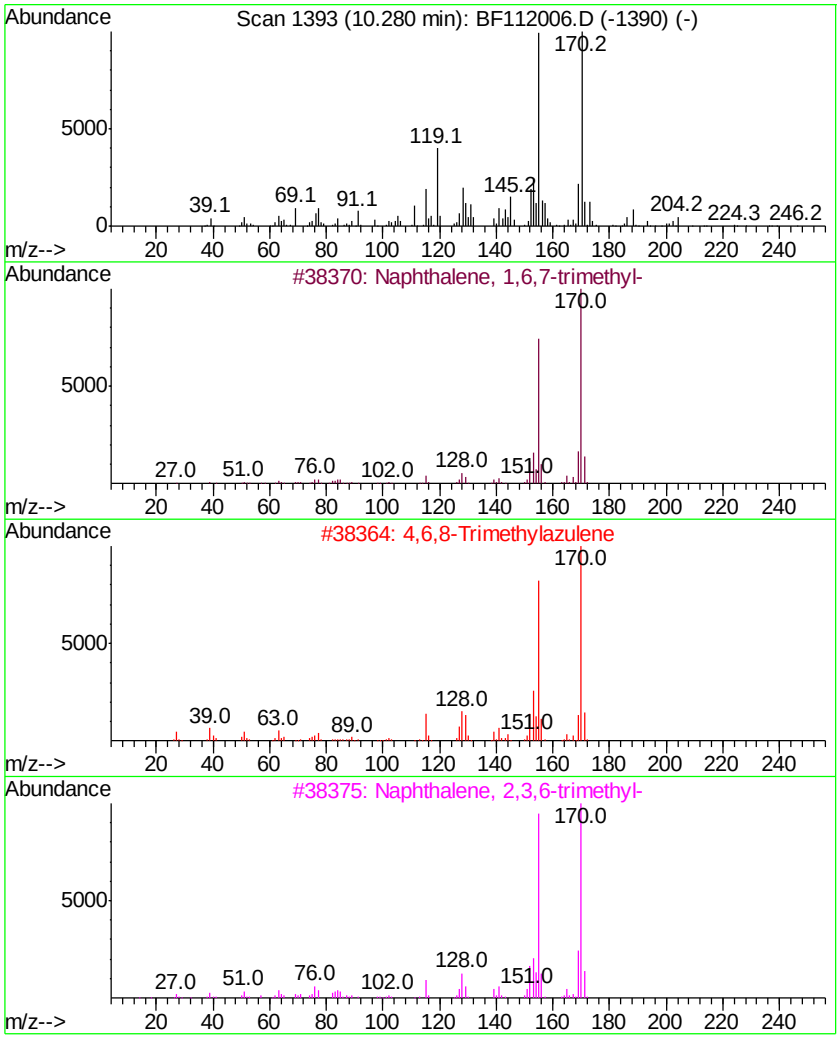
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

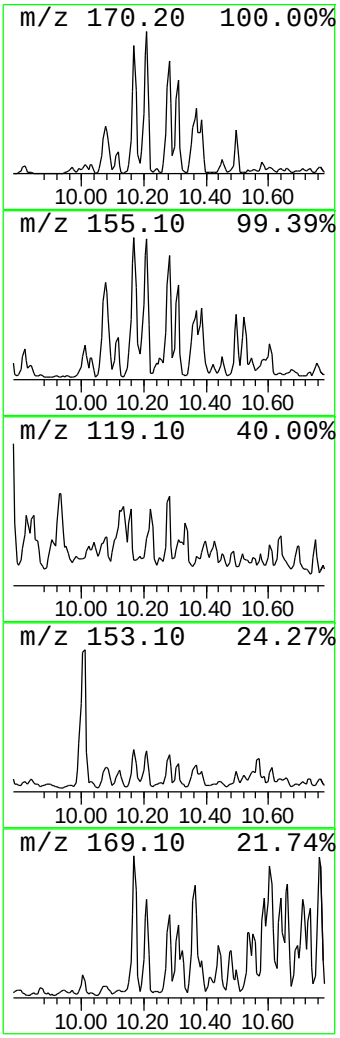
****

Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	25.71 ng	2978270	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	89





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Sample : K1071-03 2X
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Instrument : BNA_F
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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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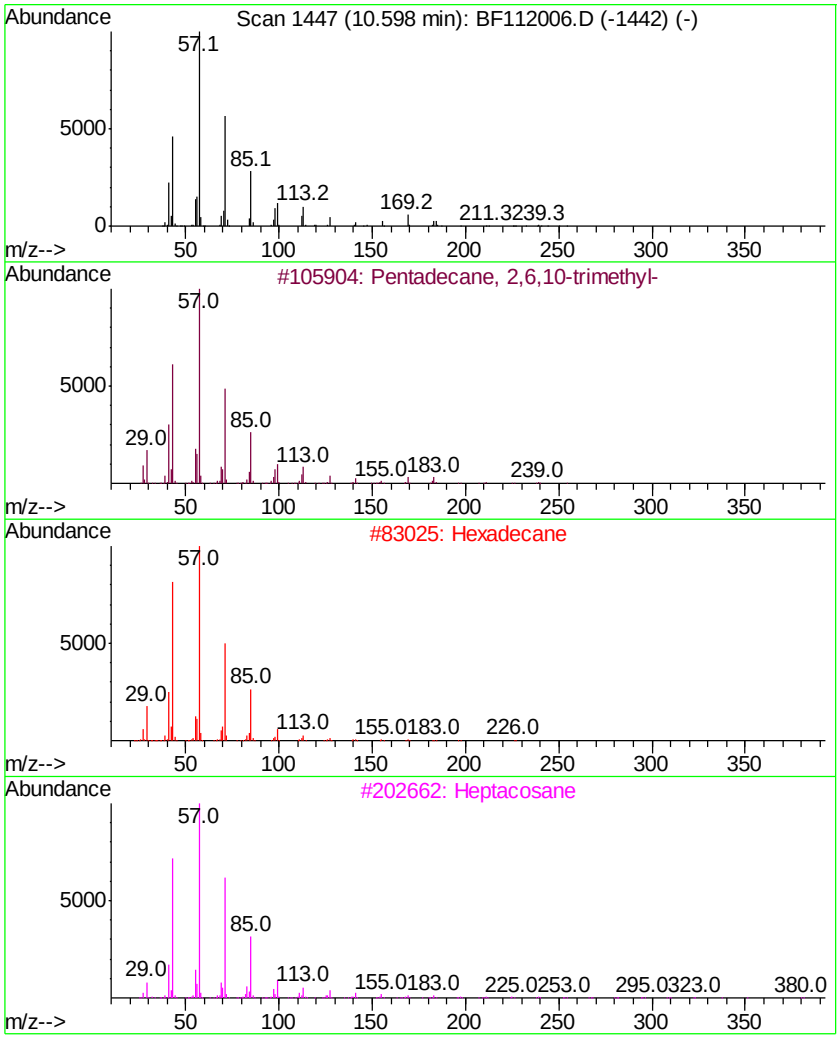
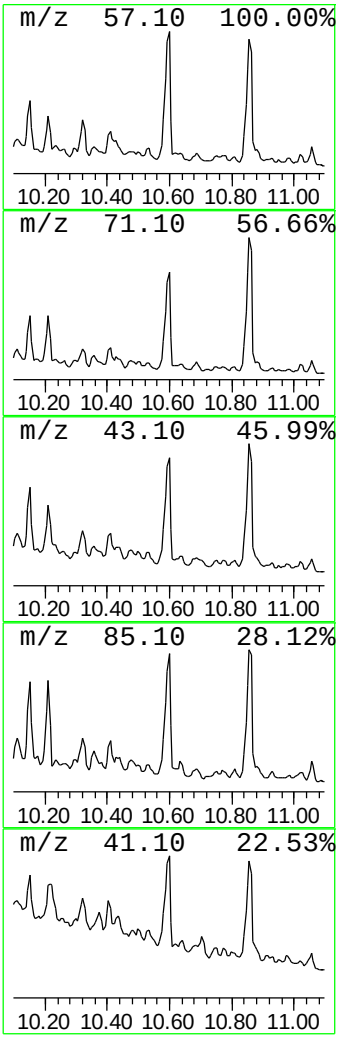
Peak Number 12 Pentadecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	71.87 ng	8325800	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
2	Hexadecane	226	C16H34	000544-76-3	76
3	Heptacosane	380	C27H56	000593-49-7	72
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64





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TIC Library : C:\DATABASE\NIST11.L
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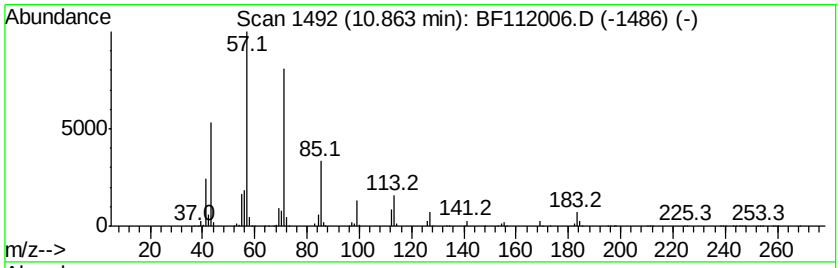
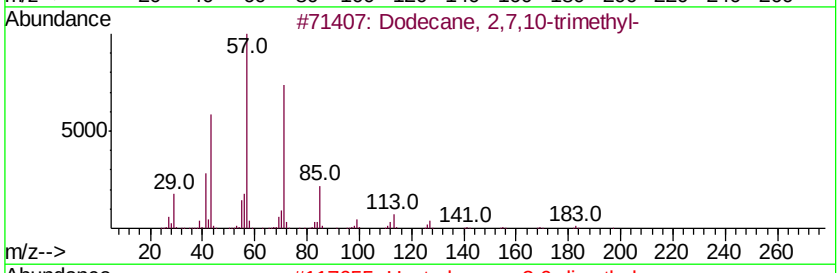
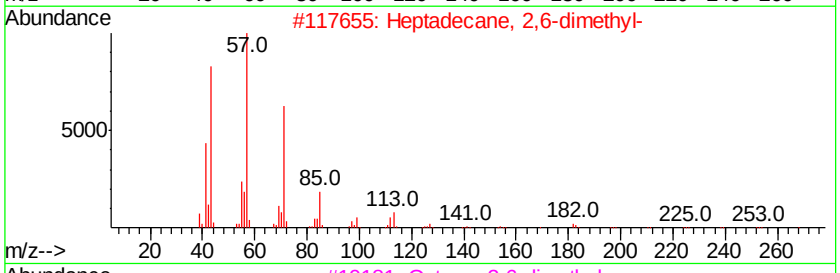
Peak Number 13 Dodecane, 2,7,10-trimethyl- Concentration Rank 1

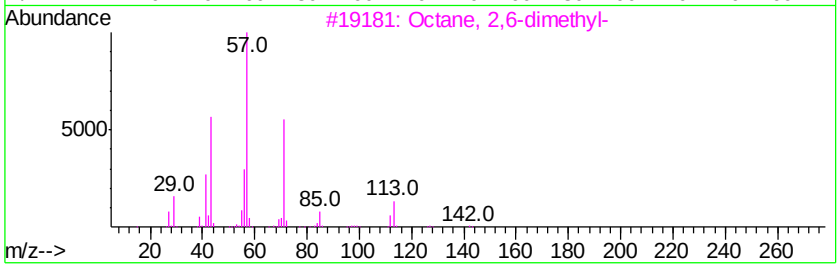
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	152.19 ng	9345330	Phenanthrene-d10	11.42

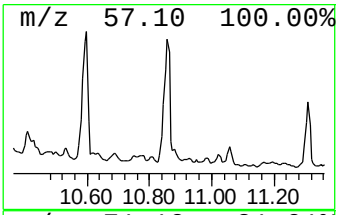
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	78
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4	Octane, 1-iodo-	240	C8H17I	000629-27-6	62
5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	58

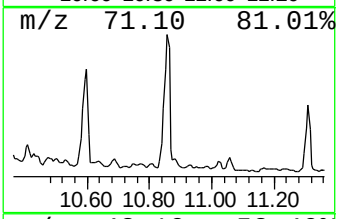


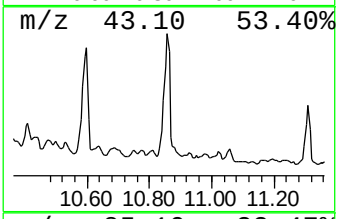


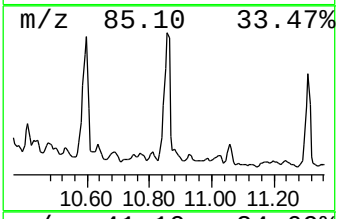


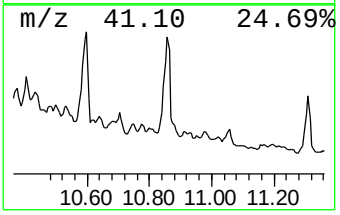












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Sample : K1071-03 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(10-15)

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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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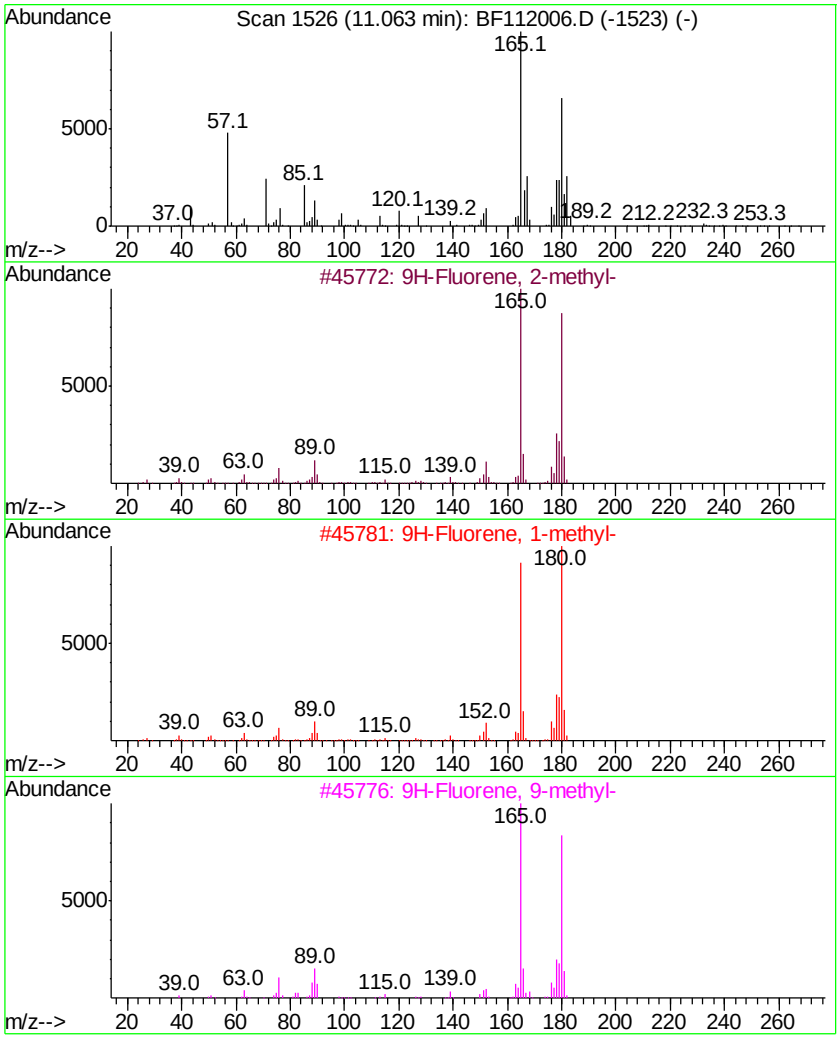
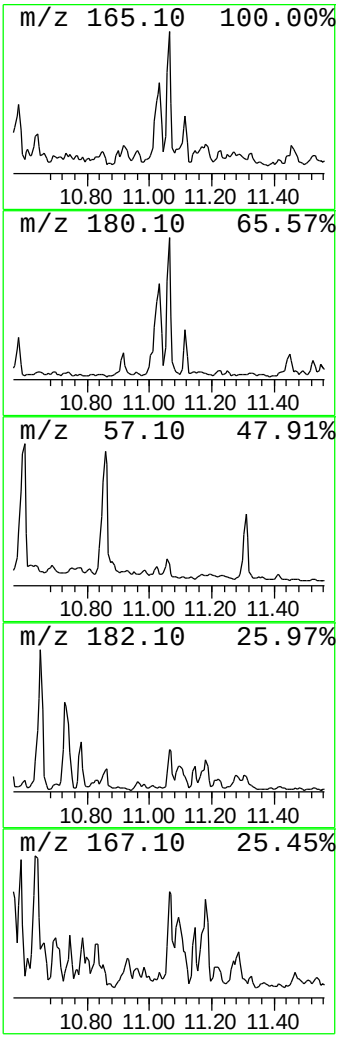
Peak Number 14 9H-Fluorene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	26.59 ng	1632510	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	78
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	60
5	3-Buten-2-one, 4-(4-chlorophenyl)-	180	C10H9ClO	003160-40-5	52





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Instrument : BNA_F
ClientSampleId : CPSB-16(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

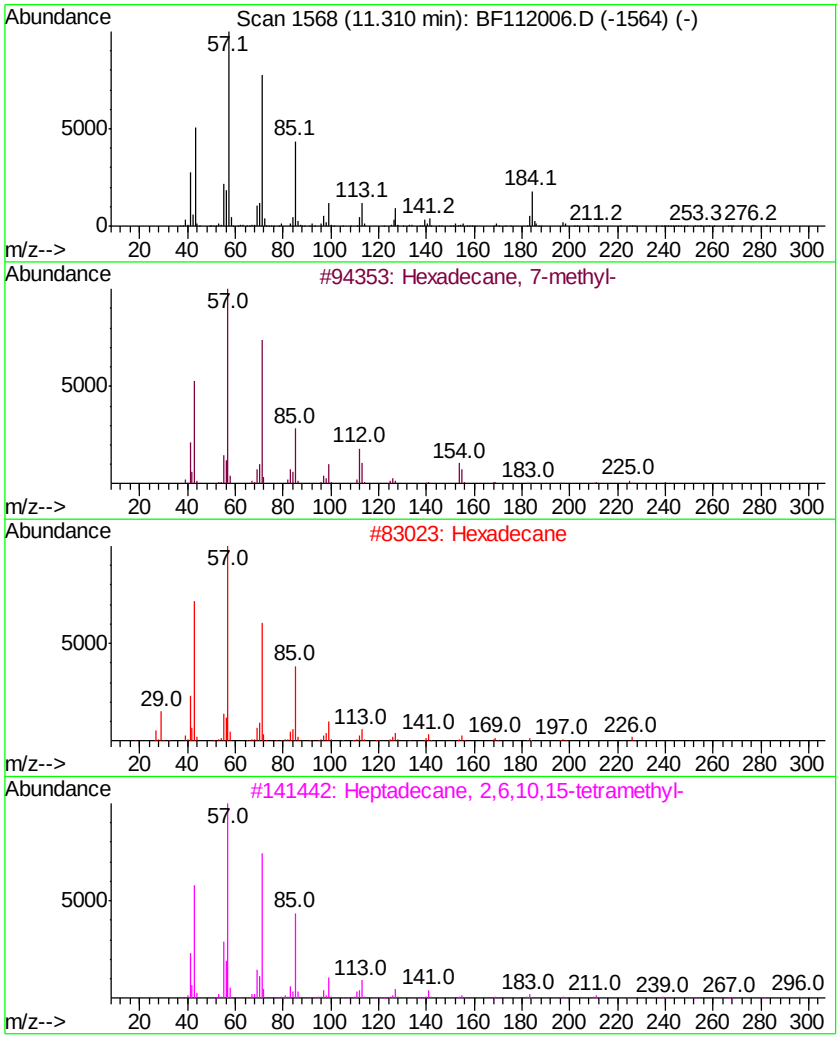
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

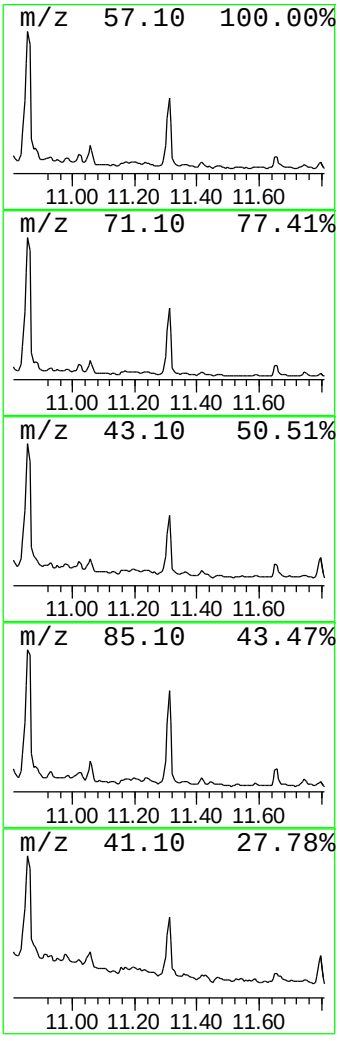
****

Peak Number 15 Hexadecane, 7-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	85.25 ng	5234830	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	76
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	74





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Data File : BF112006.D
Acq On : 10 Jan 2019 23:48
Operator : JU/SJ
Sample : K1071-03 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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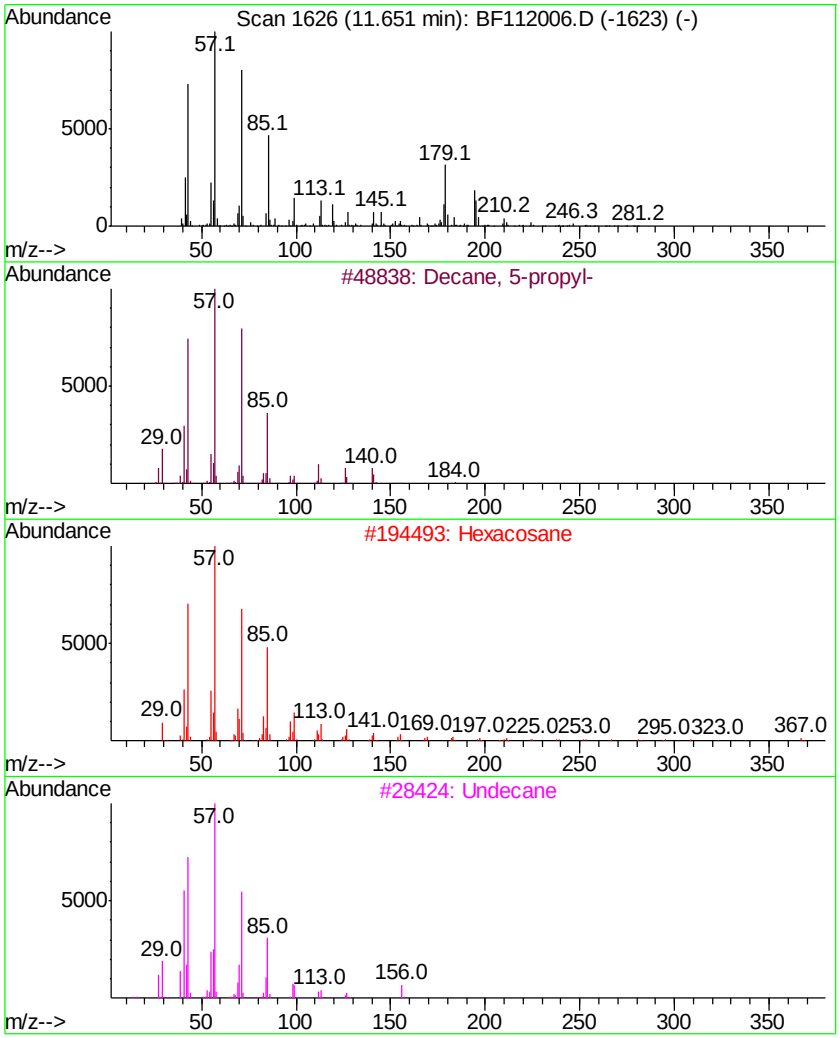
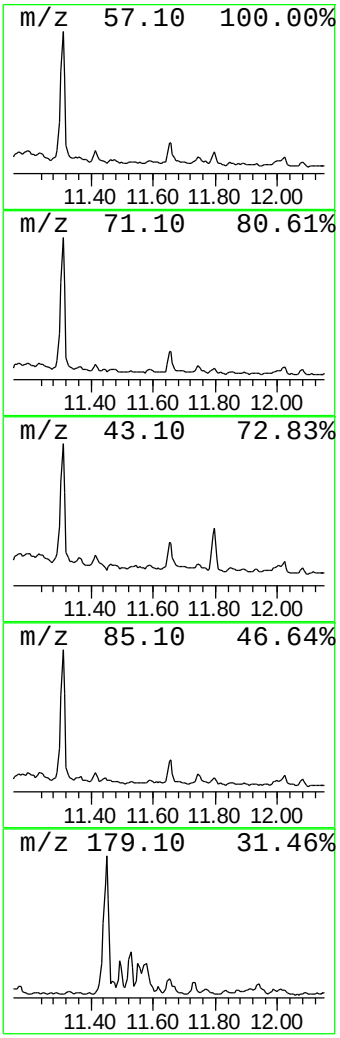
Peak Number 16 Decane, 5-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	22.84 ng	1402720	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-propyl-	184	C13H28	017312-62-8	60
2	Hexacosane	366	C26H54	000630-01-3	52
3	Undecane	156	C11H24	001120-21-4	52
4	Heptacosane	380	C27H56	000593-49-7	52
5	Nonadecane	268	C19H40	000629-92-5	52





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Data File : BF112006.D
Acq On : 10 Jan 2019 23:48
Operator : JU/SJ
Sample : K1071-03 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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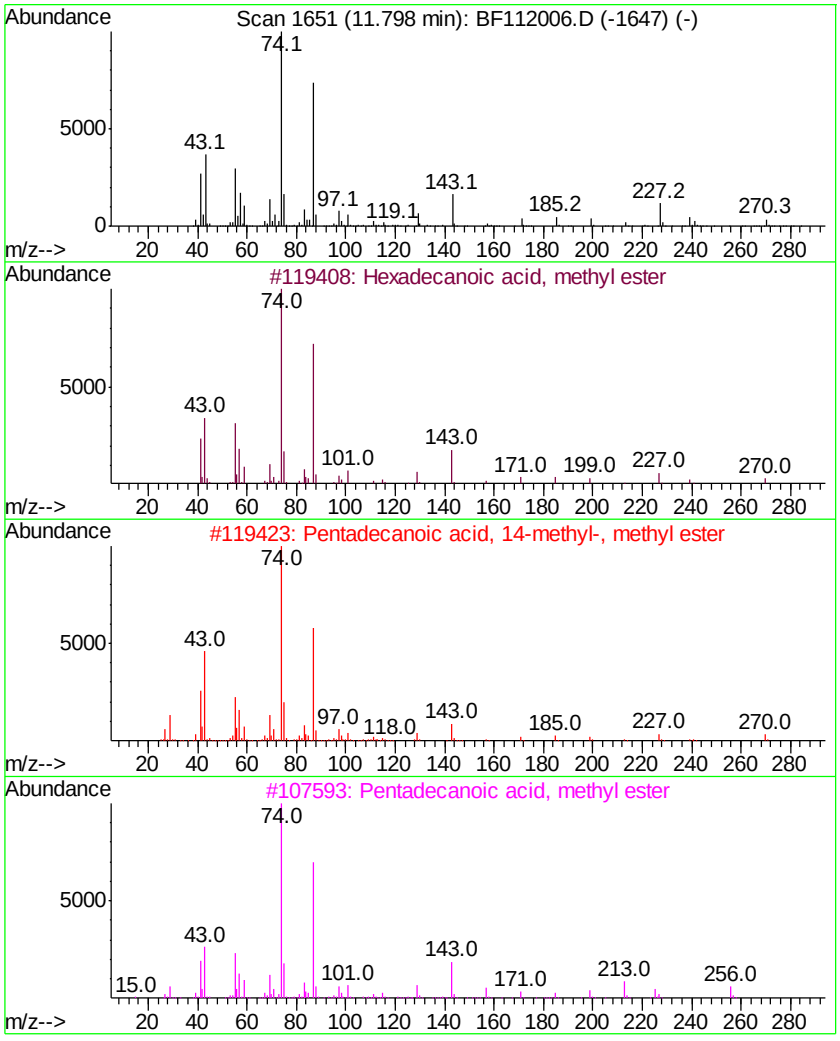
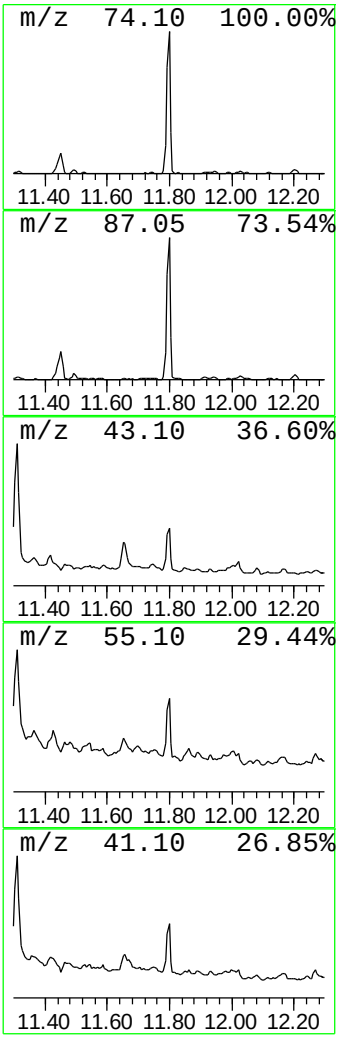
Peak Number 17 Hexadecanoic acid, methyl e... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	29.36 ng	1802890	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
5	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF112006.D
Acq On : 10 Jan 2019 23:48
Operator : JU/SJ
Sample : K1071-03 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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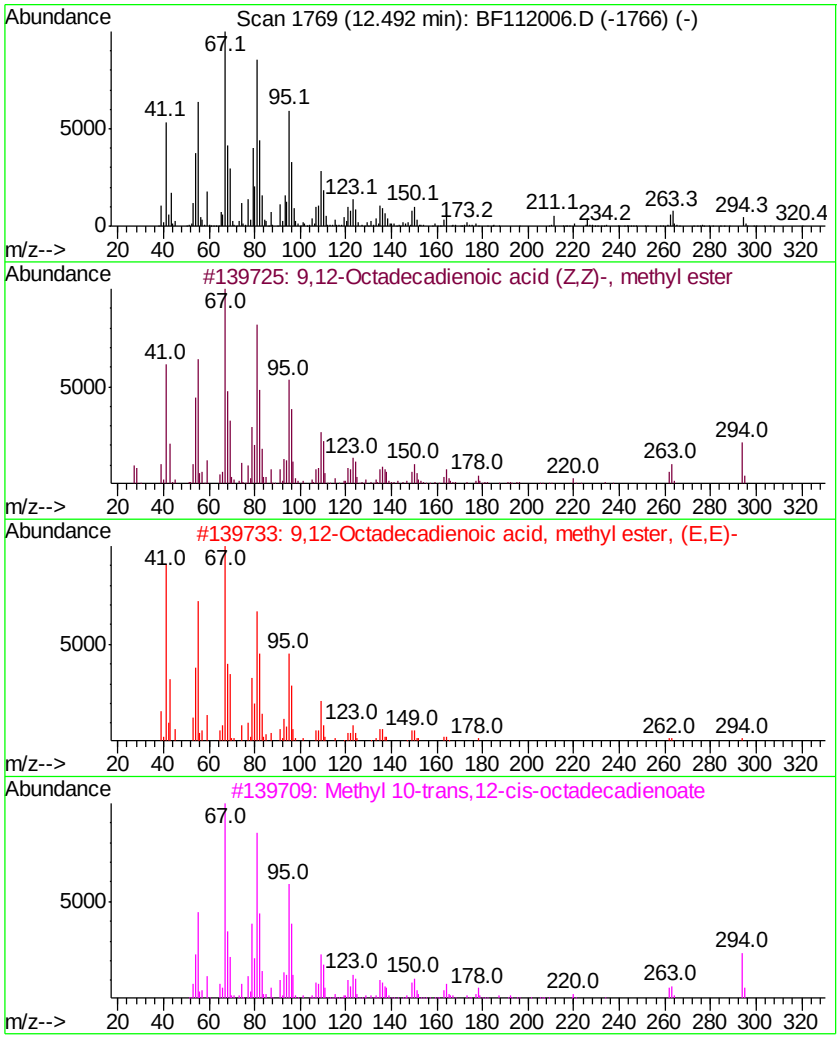
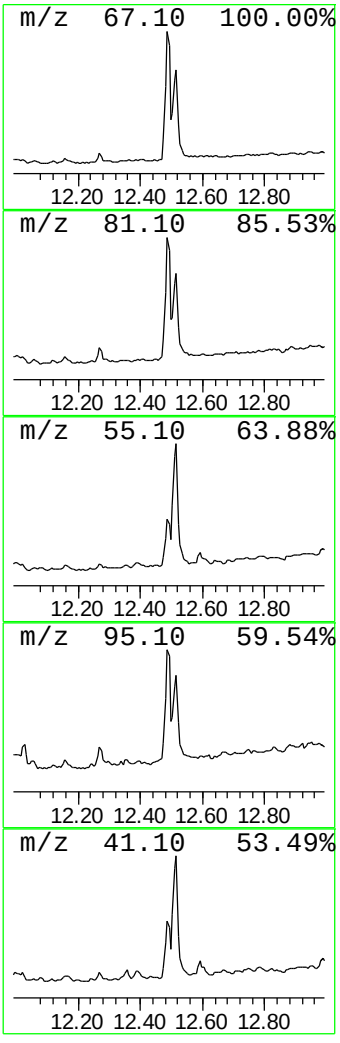
Peak Number 18 9,12-Octadecadienoic acid (... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	47.89 ng	2940800	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
4	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF112006.D
Acq On : 10 Jan 2019 23:48
Operator : JU/SJ
Sample : K1071-03 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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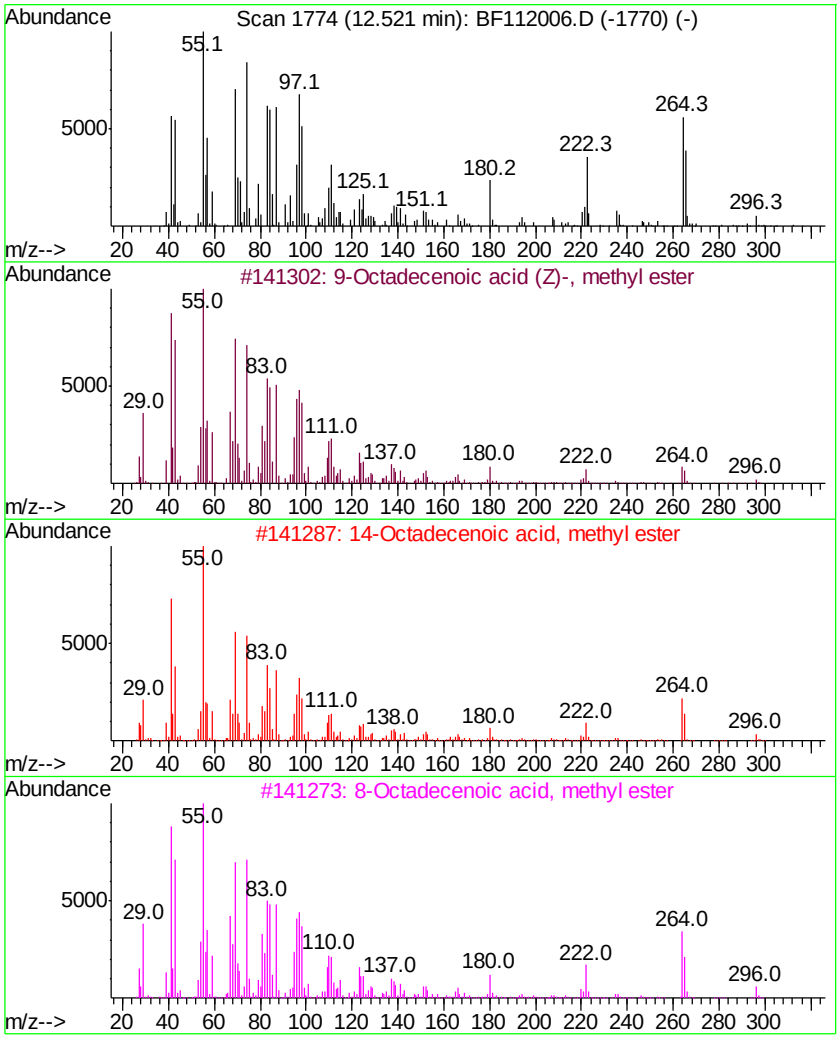
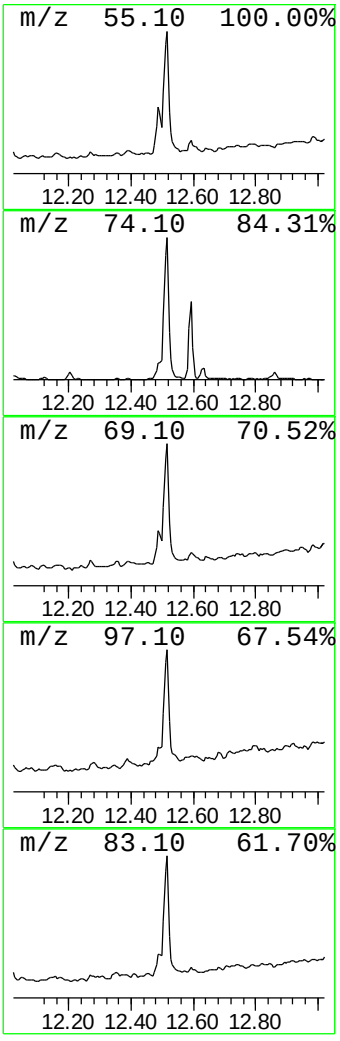
Peak Number 19 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	94.12 ng	5779280	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF112006.D
Acq On : 10 Jan 2019 23:48
Operator : JU/SJ
Sample : K1071-03 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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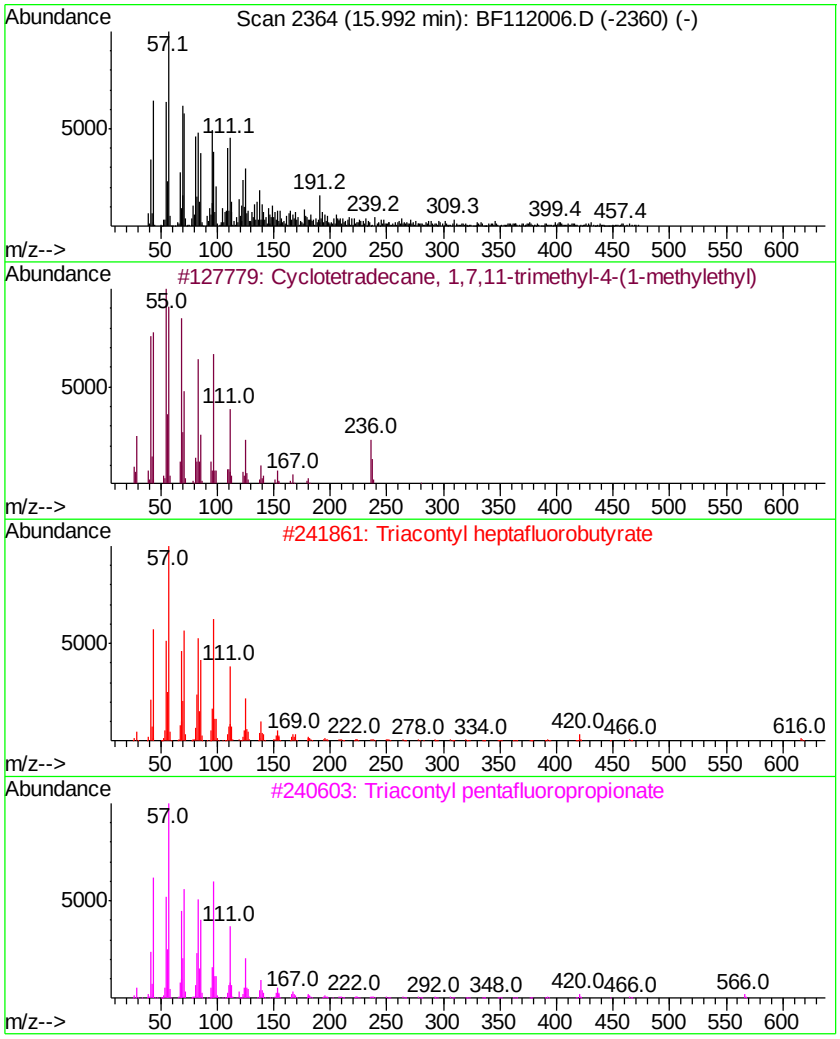
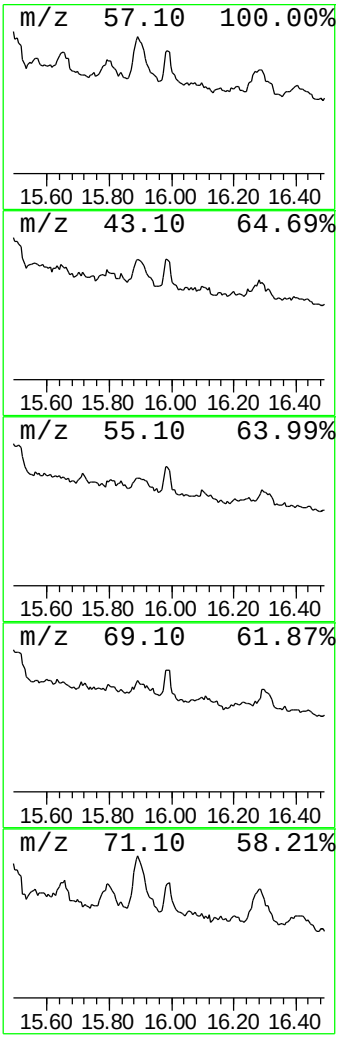
Peak Number 20 Cyclotetradecane, 1,7,11-tr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	36.14 ng	1353870	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane, 1,7,11-trimeth...	280	C20H40	001786-12-5	62
2	Triacontyl heptafluorobutyrate	634	C34H61F7O2	1000351-83-2	60
3	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	60
4	Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	60
5	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011019\
Data File : BF112006.D
Acq On : 10 Jan 2019 23:48
Operator : JU/SJ
Sample : K1071-03 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-16(10-15)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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
Cyclohexane, 1-et...	5.92	34.2	ng	6742000	1	6.89	3940480	20.0
7-Methylbicyclo[4...	6.05	29.1	ng	5735500	1	6.89	3940480	20.0
Cyclohexane, propyl-	6.16	75.5	ng	14867200	1	6.89	3940480	20.0
unknown6.34	6.34	51.7	ng	10183100	1	6.89	3940480	20.0
4-Nonene, 3-methy...	6.44	73.5	ng	14474900	1	6.89	3940480	20.0
Cyclohexane, 1,4-...	6.66	49.6	ng	9781930	1	6.89	3940480	20.0
Cyclohexane, butyl-	7.06	39.7	ng	7819870	1	6.89	3940480	20.0
Naphthalene, deca...	7.31	27.1	ng	5345250	1	6.89	3940480	20.0
Dodecane, 4-methyl-	9.70	69.0	ng	7996220	3	9.97	2317020	20.0
Naphthalene, 2-(1...	10.07	46.1	ng	5342450	3	9.97	2317020	20.0
Naphthalene, 1,6,...	10.28	25.7	ng	2978270	3	9.97	2317020	20.0
Pentadecane, 2,6,...	10.60	71.9	ng	8325800	3	9.97	2317020	20.0
Dodecane, 2,7,10-...	10.86	152.2	ng	9345330	4	11.42	1228110	20.0
9H-Fluorene, 2-me...	11.06	26.6	ng	1632510	4	11.42	1228110	20.0
Hexadecane, 7-met...	11.31	85.3	ng	5234830	4	11.42	1228110	20.0
Decane, 5-propyl-	11.65	22.8	ng	1402720	4	11.42	1228110	20.0
Hexadecanoic acid...	11.80	29.4	ng	1802890	4	11.42	1228110	20.0
9,12-Octadecadien...	12.49	47.9	ng	2940800	4	11.42	1228110	20.0
9-Octadecenoic ac...	12.52	94.1	ng	5779280	4	11.42	1228110	20.0
Cyclotetradecane,...	15.99	36.1	ng	1353870	6	15.57	749288	20.0