LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111964.D
Acq On : 9 Jan 2019 21:59
Operator : JU/SJ
Sample : K1044-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-10(20-25)

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	2.169	9	14	21	rVB	65510	86939	3.03%	0.225%
2	3.422	224	227	236	rBV	14418	40740	1.42%	0.105%
3	5.098	508	512	518	rBV	117859	147010	5.13%	0.380%
4	5.522	580	584	593	rVB	2507103	2442801	85.23%	6.315%
5	5.916	645	651	655	rBV3	26002	40750	1.42%	0.105%
6	6.051	666	674	678	rVB3	41464	65490	2.28%	0.169%
7	6.139	684	689	696	rBV3	83000	138551	4.83%	0.358%
8	6.198	696	699	701	rVB	52976	47968	1.67%	0.124%
9	6.328	716	721	725	rBV2	75073	92649	3.23%	0.239%
10	6.386	725	731	734	rVB2	35033	42190	1.47%	0.109%
11	6.422	734	737	745	rBV5	78780	140426	4.90%	0.363%
12	6.528	749	755	760	rBV	2834018	2866098	100.00%	7.409%
13	6.616	768	770	774	rBV3	94217	126382	4.41%	0.327%
14	6.663	774	778	781	rVV	2709721	2411636	84.14%	6.234%
15	6.722	784	788	791	rBV4	54689	72659	2.54%	0.188%
16	6.828	799	806	808	rBV6	24892	51592	1.80%	0.133%
17	6.886	812	816	823	rVB	803133	797678	27.83%	2.062%
18	6.945	823	826	830	rBV2	80736	98678	3.44%	0.255%
19	7.004	833	836	838	rVB	66211	52099	1.82%	0.135%
20	7.039	838	842	846	rBV	1862378	1783032	62.21%	4.609%
21	7.116	853	855	857	rBV3	38820	38667	1.35%	0.100%
22	7.163	860	863	866	rVB3	69239	71075	2.48%	0.184%
23	7.233	871	875	878	rBV3	36576	41027	1.43%	0.106%
24	7.280	878	883	886	rBV4	82702	99596	3.47%	0.257%
25	7.445	900	911	913	rBV	1491518	1567007	54.67%	4.051%
26	7.480	916	917	921	rVB2	71865	57075	1.99%	0.148%
27	7.533	921	926	929	rBV5	83196	127964	4.46%	0.331%
28	7.598	929	937	940	rBV6	37167	92245	3.22%	0.238%
29	7.663	941	948	951	rVV4	52328	113293	3.95%	0.293%
30	7.692	951	953	956	rVB	66368	56609	1.98%	0.146%
31	7.769	962	966	967	rBV3	40069	37572	1.31%	0.097%
32	7.786	967	969	971	rVV	71360	56382	1.97%	0.146%
33	7.810	971	973	977	rVB3	88073	80396	2.81%	0.208%
34	7.904	982	989	996	rBV6	77309	151379	5.28%	0.391%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K1044-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-10(20-25)

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	8.039	1009	1012	1015	rBV2	33560	42865	1.50%	0.111%
36	8.116	1021	1025	1028	rBV4	31114	45119	1.57%	0.117%
37	8.169	1028	1034	1036	rVV	1137275	1058457	36.93%	2.736%
38	8.186	1036	1037	1040	rVV2	108195	90219	3.15%	0.233%
39	8.227	1040	1044	1047	rVB	108434	123222	4.30%	0.319%
40	8.463	1077	1084	1088	rBV6	64716	105605	3.68%	0.273%
41	8.592	1102	1106	1108	rBV	154535	141815	4.95%	0.367%
42	8.757	1131	1134	1138	rBV	67633	46761	1.63%	0.121%
43	8.857	1148	1151	1153	rVB2	44592	44684	1.56%	0.116%
44	8.922	1159	1162	1164	rBV	61642	54524	1.90%	0.141%
45	9.045	1180	1183	1186	rBV4	24983	40792	1.42%	0.105%
46	9.074	1186	1188	1192	rVB3	53483	55512	1.94%	0.143%
47	9.110	1192	1194	1200	rBV7	32515	49947	1.74%	0.129%
48	9.163	1200	1203	1205	rBV	46656	43317	1.51%	0.112%
49	9.186	1205	1207	1211	rVB	115100	95675	3.34%	0.247%
50	9.239	1212	1216	1219	rBV	2358778	1939120	67.66%	5.013%
51	9.322	1227	1230	1235	rBV3	76016	98624	3.44%	0.255%
52	9.510	1259	1262	1266	rBV3	66019	77692	2.71%	0.201%
53	9.580	1272	1274	1276	rBV	69361	51980	1.81%	0.134%
54	9.627	1280	1282	1287	rVV2	361271	426445	14.88%	1.102%
55	9.698	1291	1294	1297	rBV4	44927	53550	1.87%	0.138%
56	9.792	1306	1310	1313	rBV4	43781	59743	2.08%	0.154%
57	9.839	1313	1318	1322	rVV3	87406	116632	4.07%	0.301%
58	9.921	1325	1332	1335	rVV2	982047	880769	30.73%	2.277%
59	9.957	1335	1338	1341	rVB	111688	103348	3.61%	0.267%
60	10.027	1347	1350	1355	rBV5	37115	64028	2.23%	0.166%
61	10.080	1355	1359	1361	rBV4	29592	50590	1.77%	0.131%
62	10.239	1383	1386	1388	rBV2	68175	73712	2.57%	0.191%
63	10.333	1398	1402	1408	rBV4	98957	138856	4.84%	0.359%
64	10.380	1408	1410	1413	rBV3	36995	42956	1.50%	0.111%
65	10.469	1422	1425	1430	rBV4	65457	92418	3.22%	0.239%
66	10.574	1440	1443	1447	rVB	152151	154217	5.38%	0.399%
67	10.716	1463	1467	1470	rBV	1353132	1275609	44.51%	3.297%
68	10.839	1484	1488	1495	rVB2	390377	395142	13.79%	1.021%
69	11.051	1521	1524	1526	rBV2	62526	66724	2.33%	0.172%
70	11.151	1539	1541	1545	rBV3	64386	86564	3.02%	0.224%
71	11.304	1564	1567	1572	rVB	397167	422472	14.74%	1.092%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K1044-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-10(20-25)

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

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Peak separation: 5

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

72	11.410	1582	1585	1588	rBV	968159	884974	30.88%	2.288%
73	11.657	1624	1627	1630	rBV	193099	209014	7.29%	0.540%
74	11.798	1648	1651	1654	rVB	828818	701970	24.49%	1.815%
75	11.939	1672	1675	1682	rVB4	353404	386504	13.49%	0.999%
76	12.027	1687	1690	1698	rVB6	224038	391499	13.66%	1.012%
77	12.086	1698	1700	1702	rBV2	98137	84555	2.95%	0.219%
78	12.157	1709	1712	1714	rBV4	156901	192675	6.72%	0.498%
79	12.268	1729	1731	1737	rBV6	121051	134721	4.70%	0.348%
80	12.363	1744	1747	1749	rVB	383852	325426	11.35%	0.841%
81	12.392	1750	1752	1757	rVB2	195923	211429	7.38%	0.547%
82	12.486	1765	1768	1770	rBV	1090476	1083013	37.79%	2.800%
83	12.510	1770	1772	1778	rVB	3039973	2742306	95.68%	7.089%
84	12.592	1784	1786	1790	rBV2	300177	298387	10.41%	0.771%
85	12.668	1796	1799	1804	rVB	749673	655056	22.86%	1.693%
86	12.998	1851	1855	1861	rVB	2246144	2039155	71.15%	5.271%
87	13.068	1865	1867	1871	rBV5	158945	270070	9.42%	0.698%
88	13.145	1876	1880	1883	rBV	2538909	2318939	80.91%	5.994%
89	13.627	1959	1962	1965	rVB	436633	381849	13.32%	0.987%
90	14.068	2032	2037	2044	rVB2	847851	1357080	47.35%	3.508%
91	14.504	2109	2111	2119	rVB2	327426	392412	13.69%	1.014%
92	15.545	2285	2288	2295	rVB	493926	778940	27.18%	2.014%

Sum of corrected areas: 38685334

LSC Report - Integrated Chromatogram

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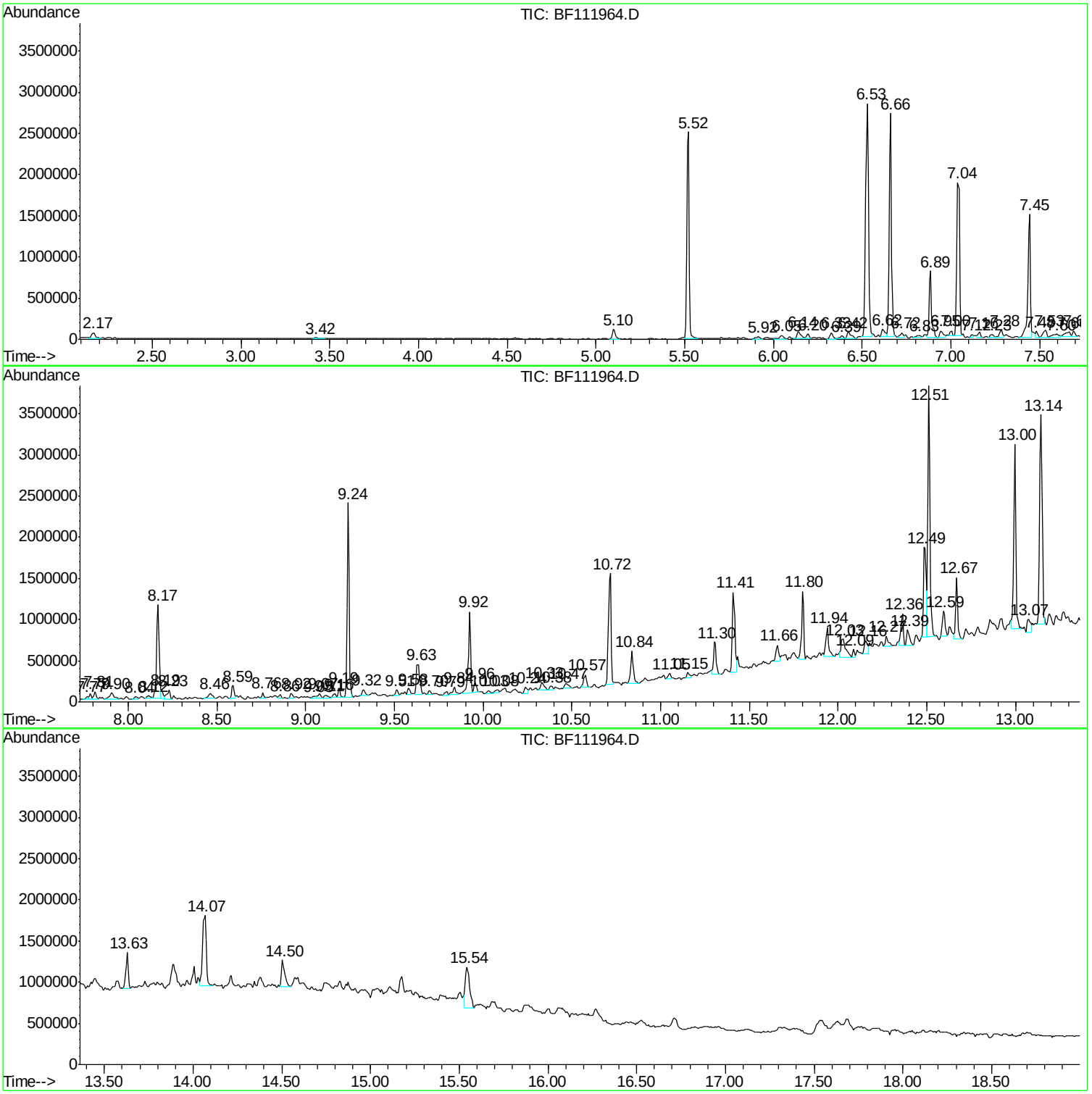
Data File : BF111964.D
Acq On : 9 Jan 2019 21:59
Operator : JU/SJ
Sample : K1044-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-10(20-25)

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111964.D
Acq On : 9 Jan 2019 21:59
Operator : JU/SJ
Sample : K1044-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-10(20-25)

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

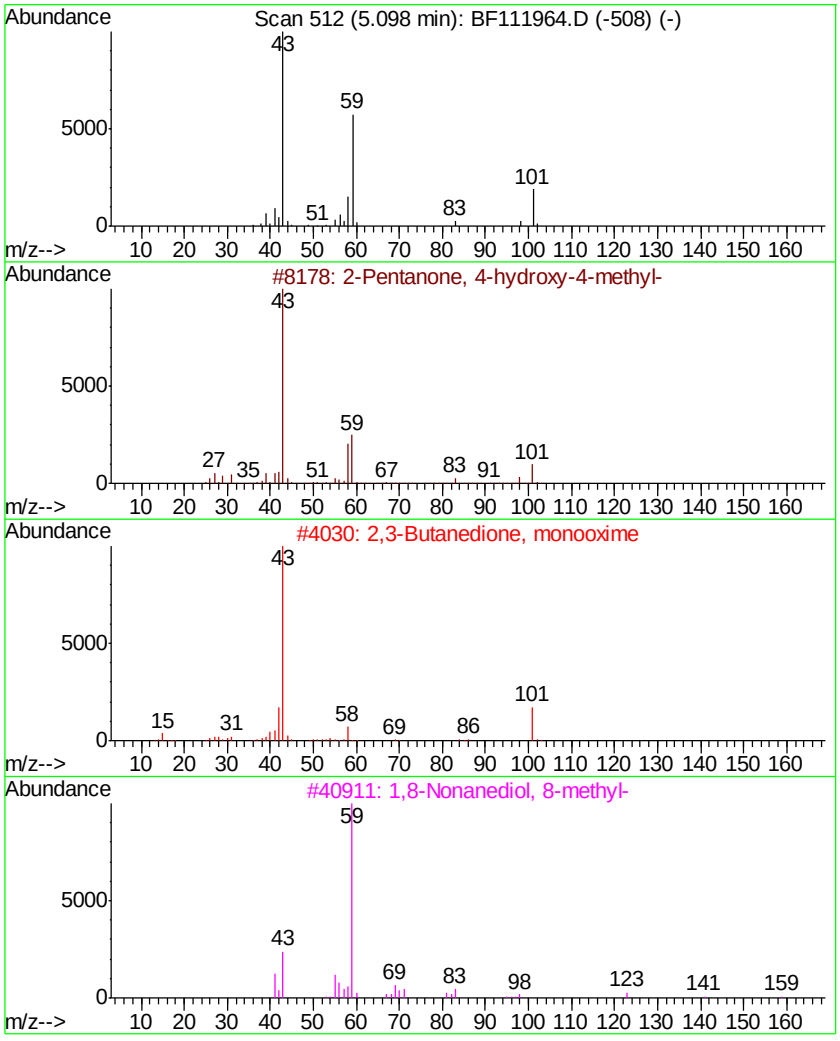
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

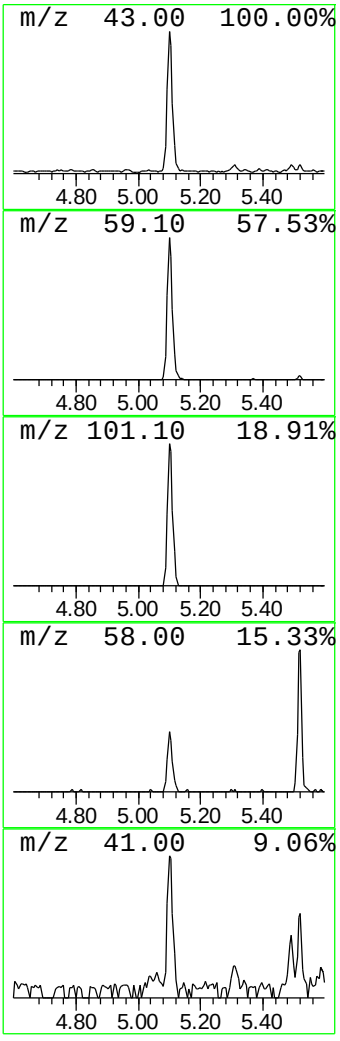
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	3.69 ng	147010	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
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Operator : JU/SJ
Sample : K1044-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-10(20-25)

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

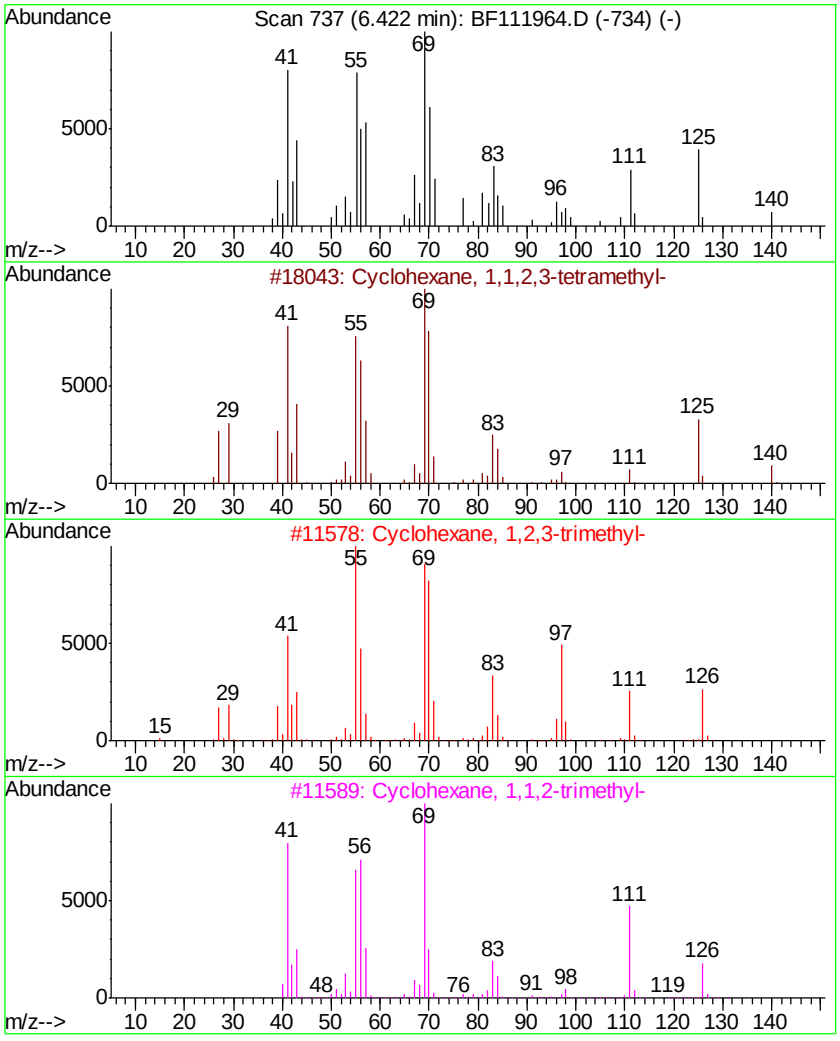
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

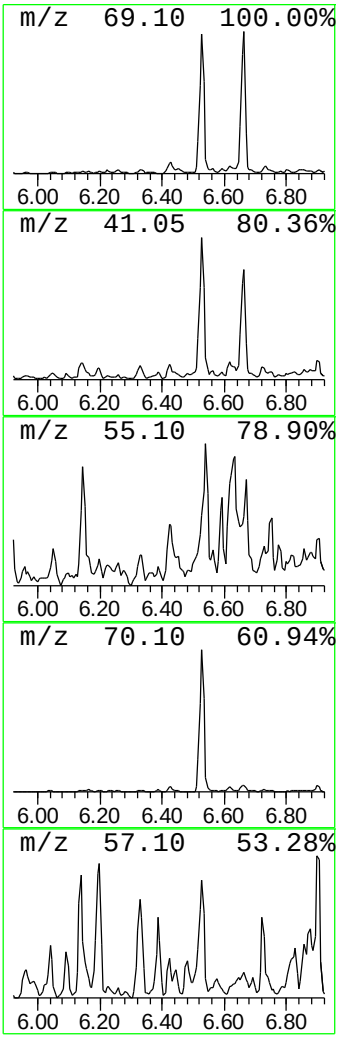
****

Peak Number 2 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	3.52 ng	140426	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	76
2	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	64
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	49
4	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	49
5	Cyclooctane, methyl-	126	C9H18	001502-38-1	46





Library Search Compound Report

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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-10(20-25)

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

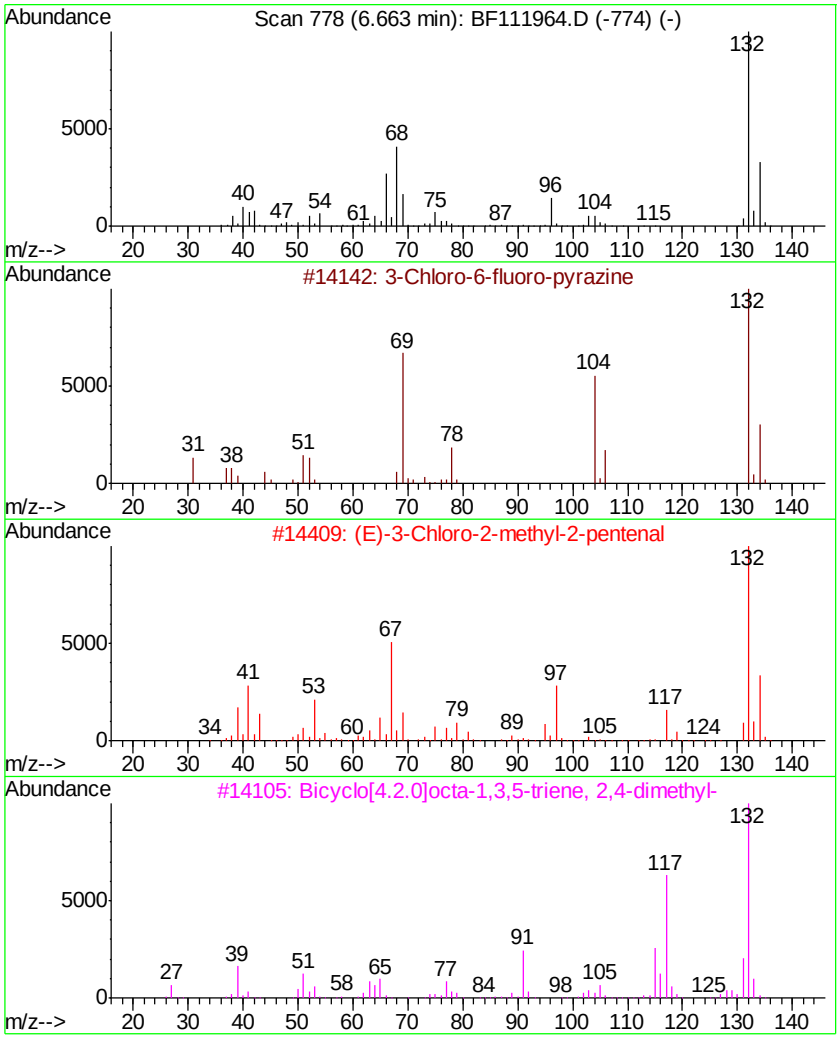
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

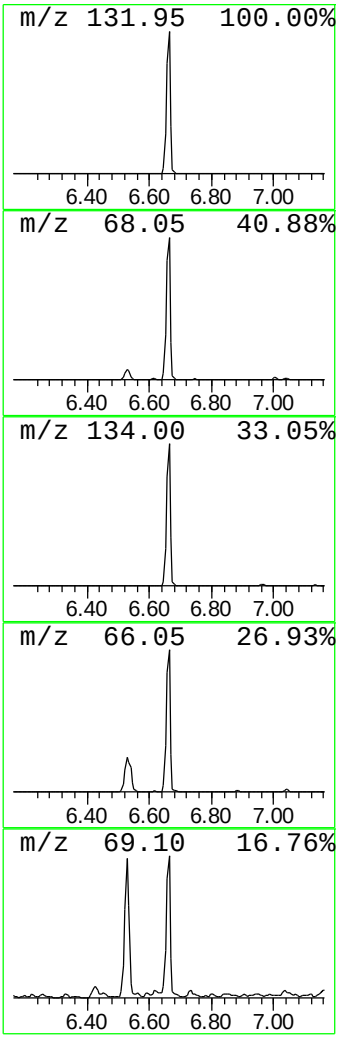
****

Peak Number 3 unknown6.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	60.47 ng	2411640	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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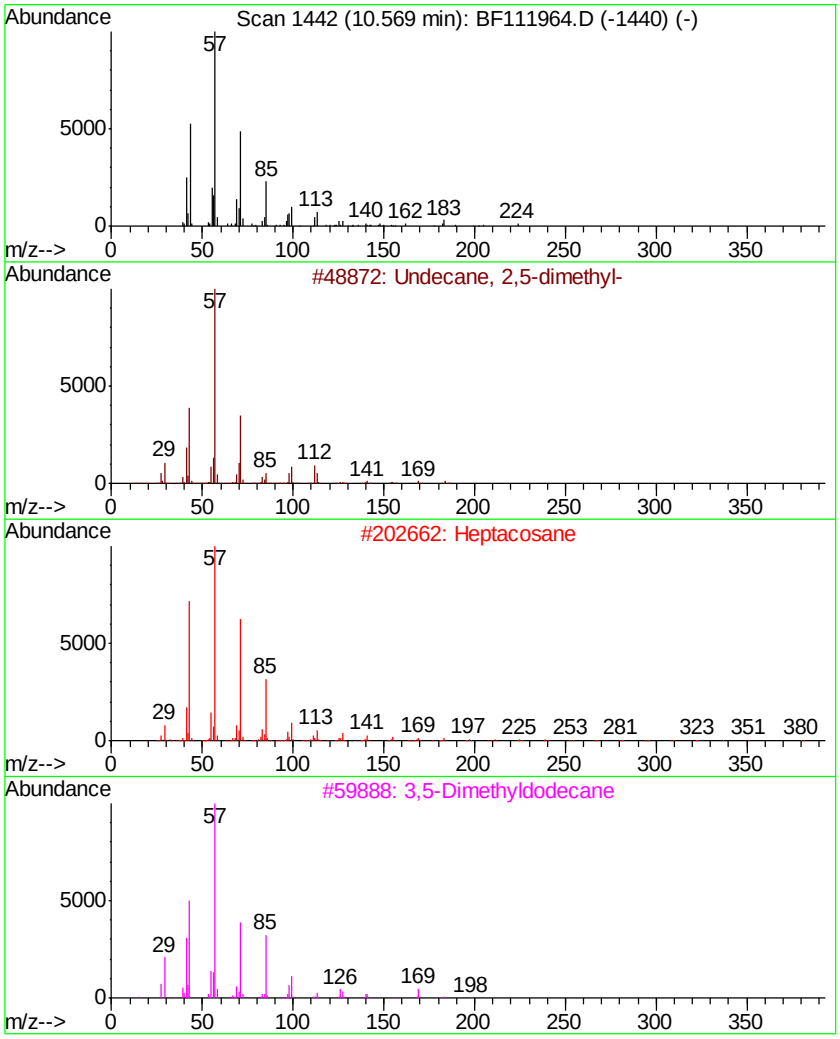
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

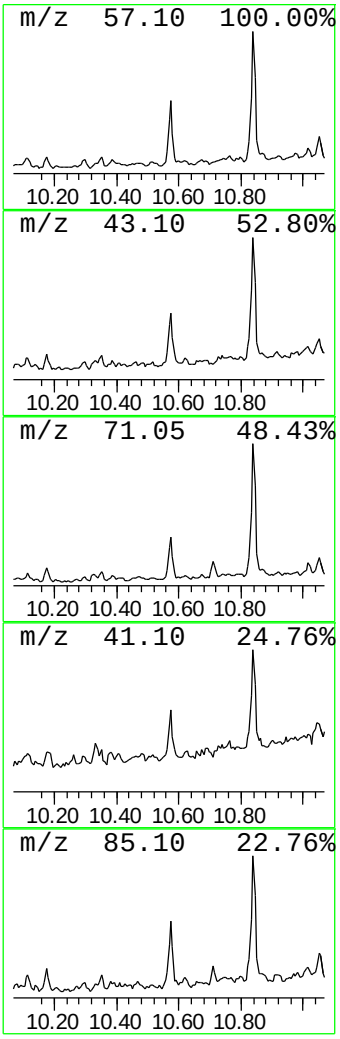
****

Peak Number 5 Undecane, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	3.50 ng	154217	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	89
2	Heptacosane	380	C27H56	000593-49-7	78
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	72
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
5	Tetracosane	338	C24H50	000646-31-1	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111964.D
Acq On : 9 Jan 2019 21:59
Operator : JU/SJ
Sample : K1044-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-10(20-25)

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

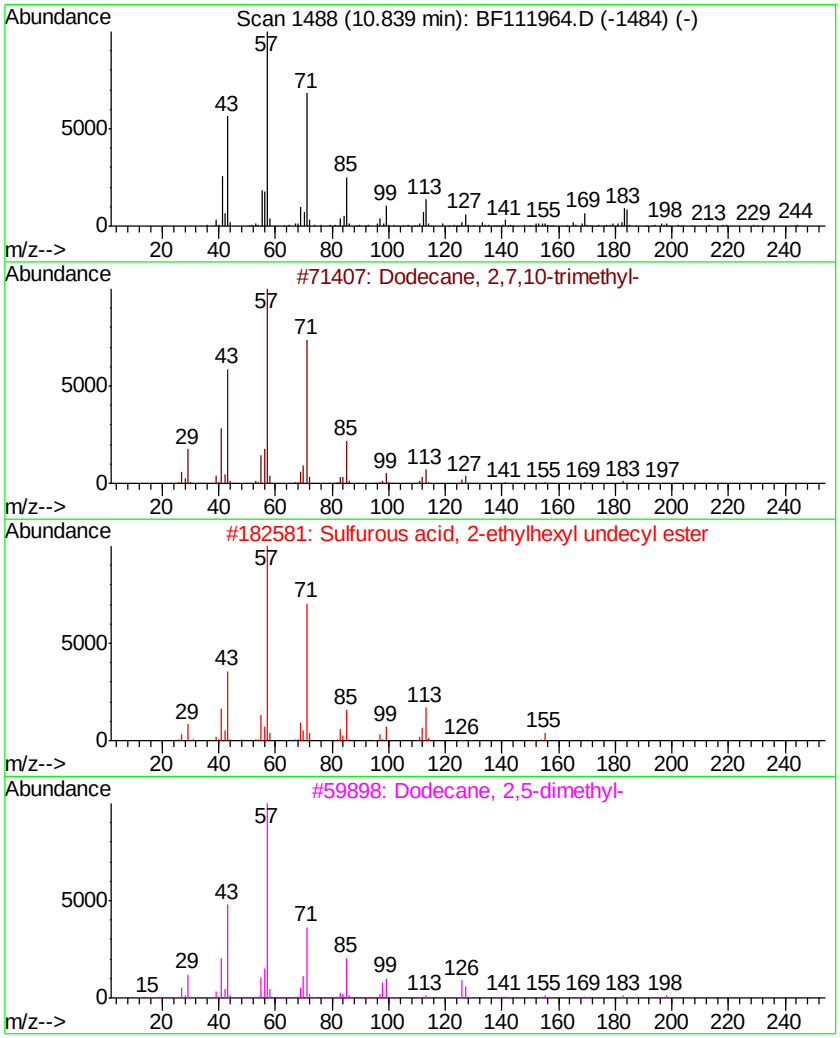
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

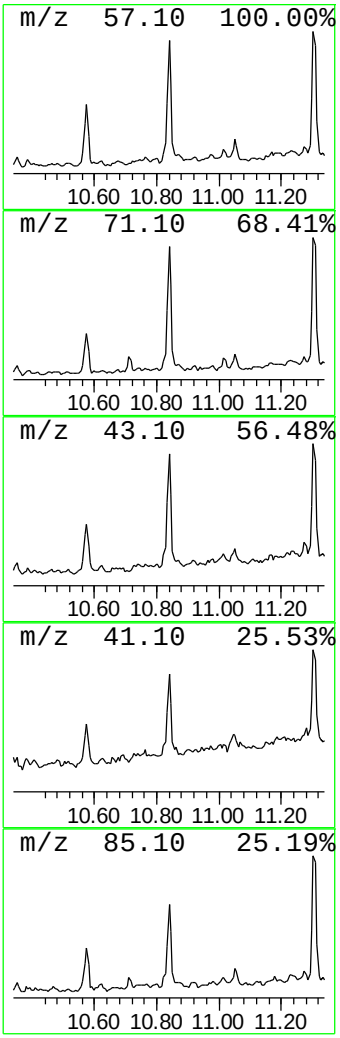
****

Peak Number 6 Dodecane, 2,7,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	8.93 ng	395142	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
2	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	58
3	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	53
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	52
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	52





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Data File : BF111964.D
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-10(20-25)

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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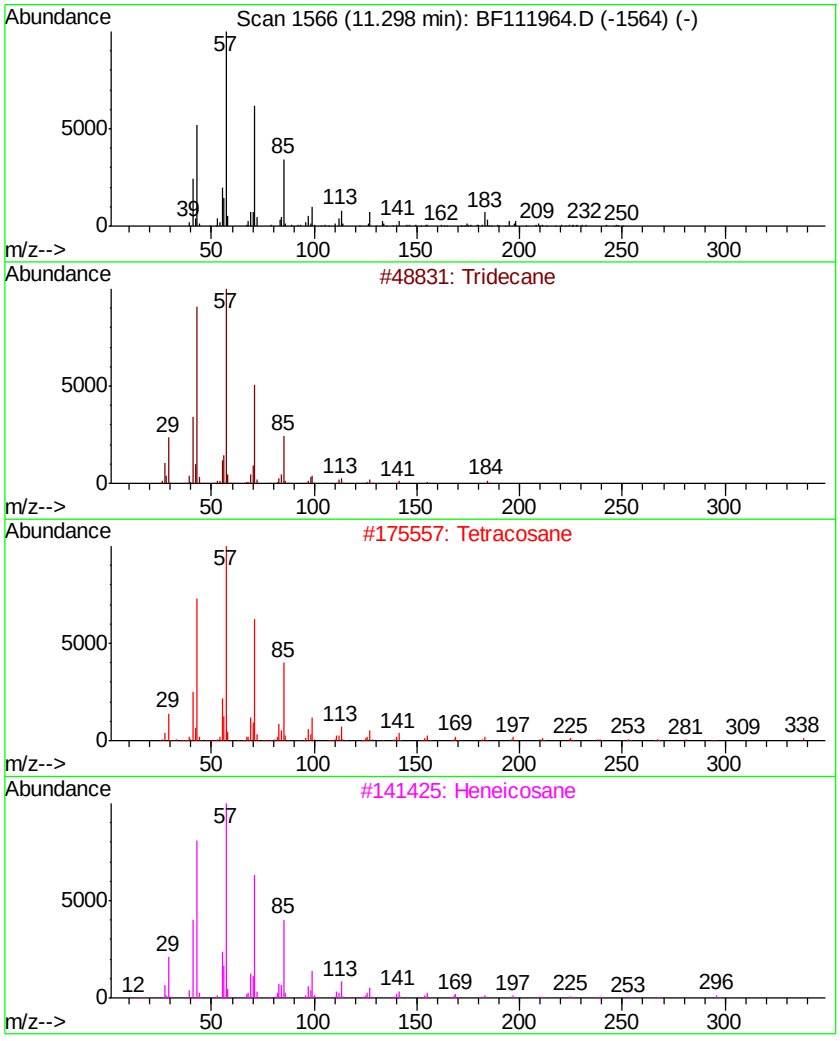
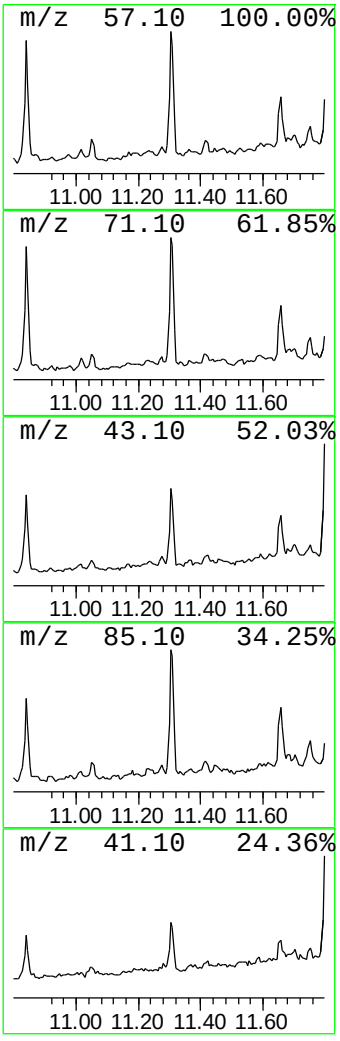
Peak Number 7 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	9.55 ng	422472	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Tetracosane	338	C24H50	000646-31-1	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Heptacosane	380	C27H56	000593-49-7	86
5	Docosane	310	C22H46	000629-97-0	86





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Acq On : 9 Jan 2019 21:59
Operator : JU/SJ
Sample : K1044-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-10(20-25)

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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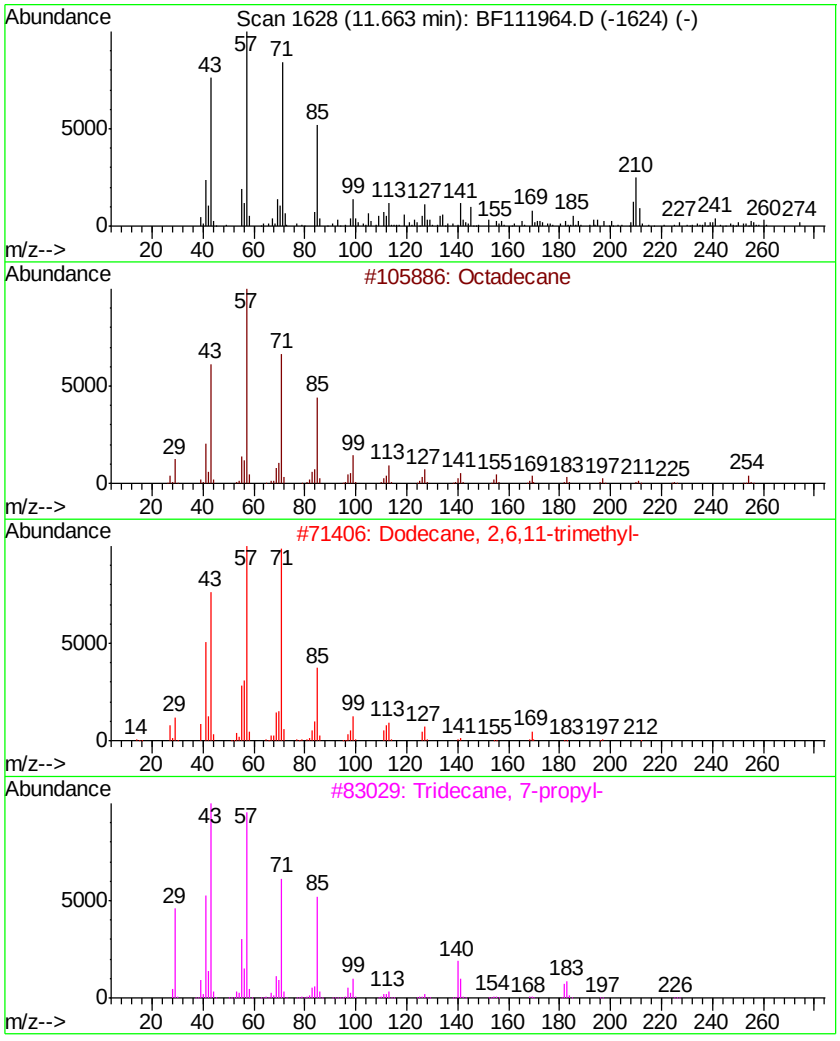
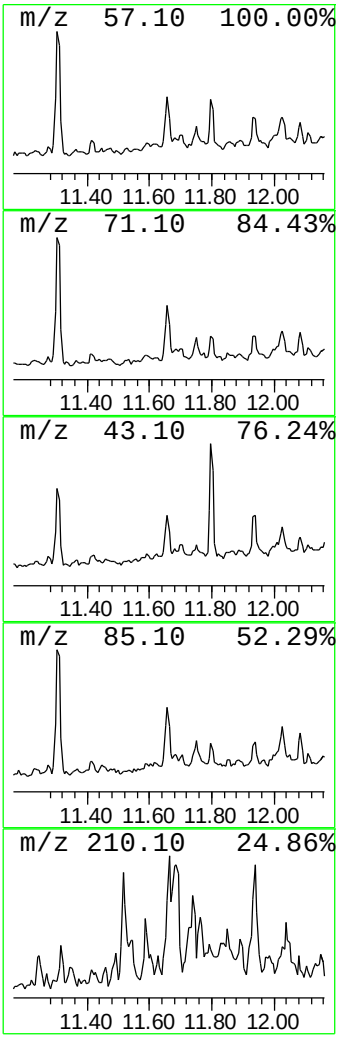
Peak Number 8 Octadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	4.72 ng	209014	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	76
4	Hexadecane	226	C16H34	000544-76-3	74
5	Heptadecane	240	C17H36	000629-78-7	74





Library Search Compound Report

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Operator : JU/SJ
Sample : K1044-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-10(20-25)

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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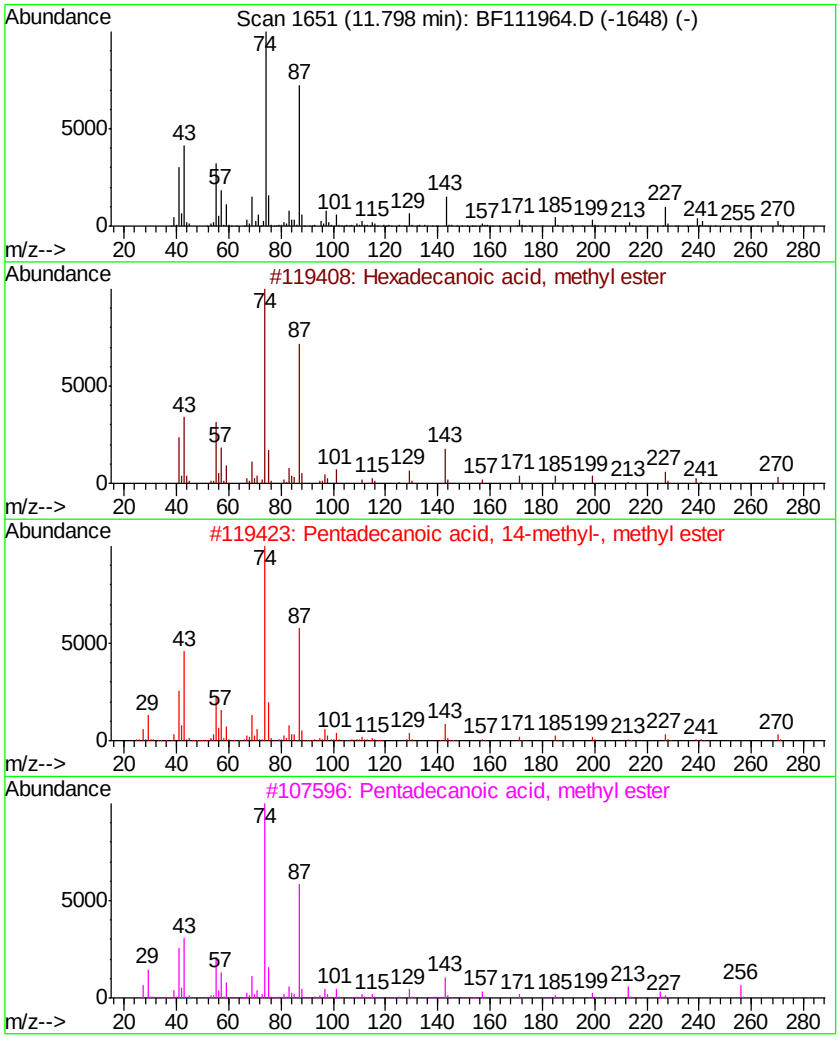
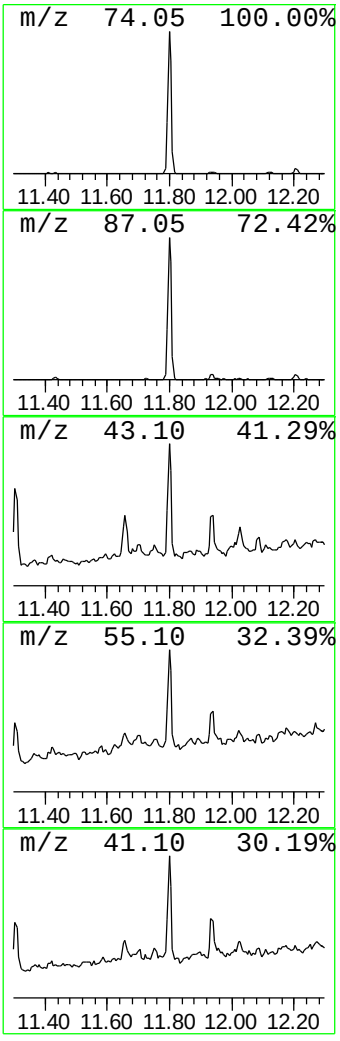
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	15.86 ng	701970	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86





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Sample : K1044-06
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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-10(20-25)

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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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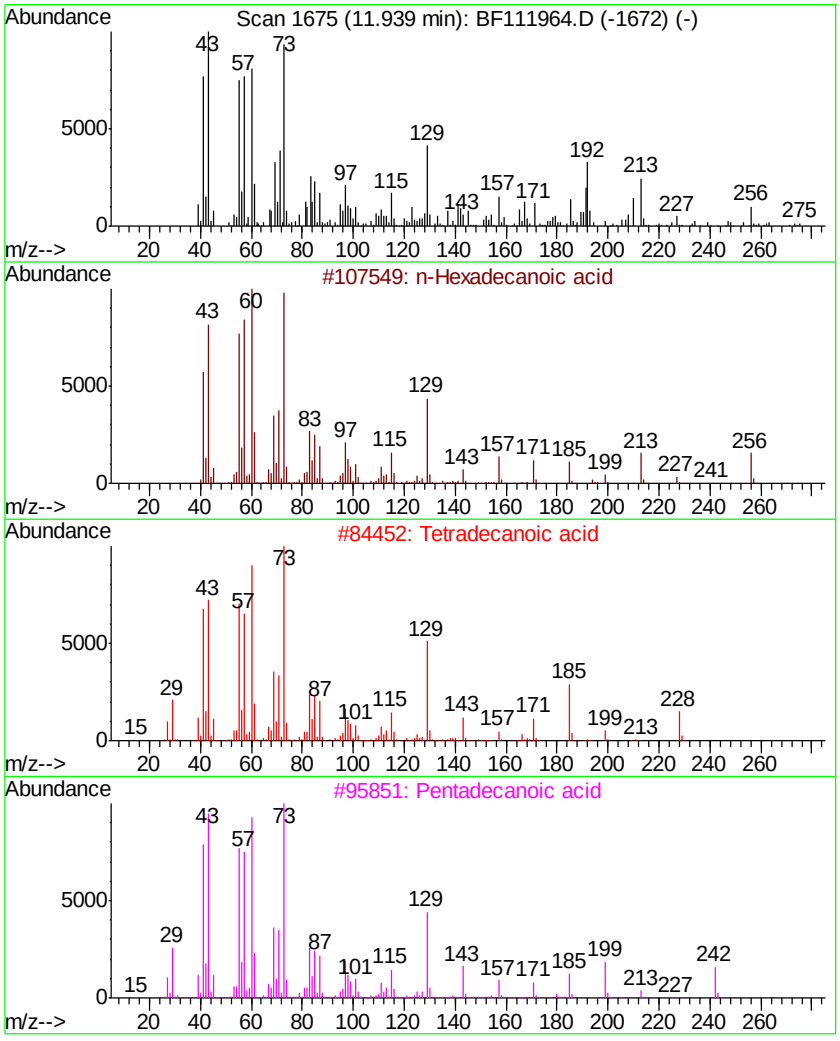
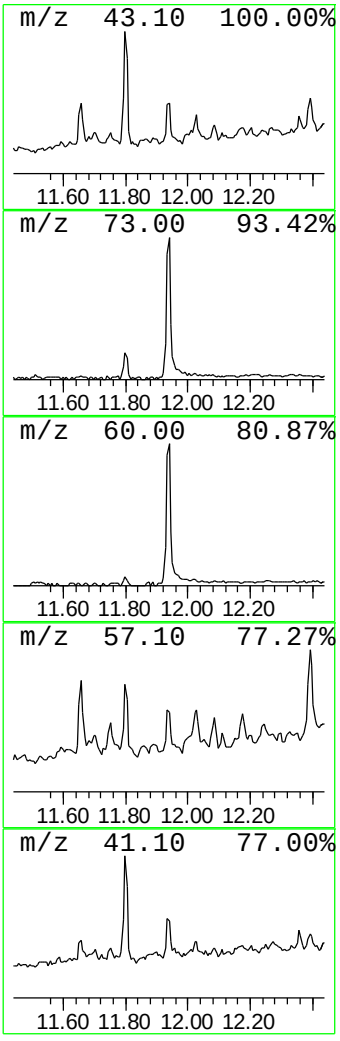
Peak Number 10 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	8.73 ng	386504	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	62
5	Decane	142	C10H22	000124-18-5	55





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Operator : JU/SJ
Sample : K1044-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-10(20-25)

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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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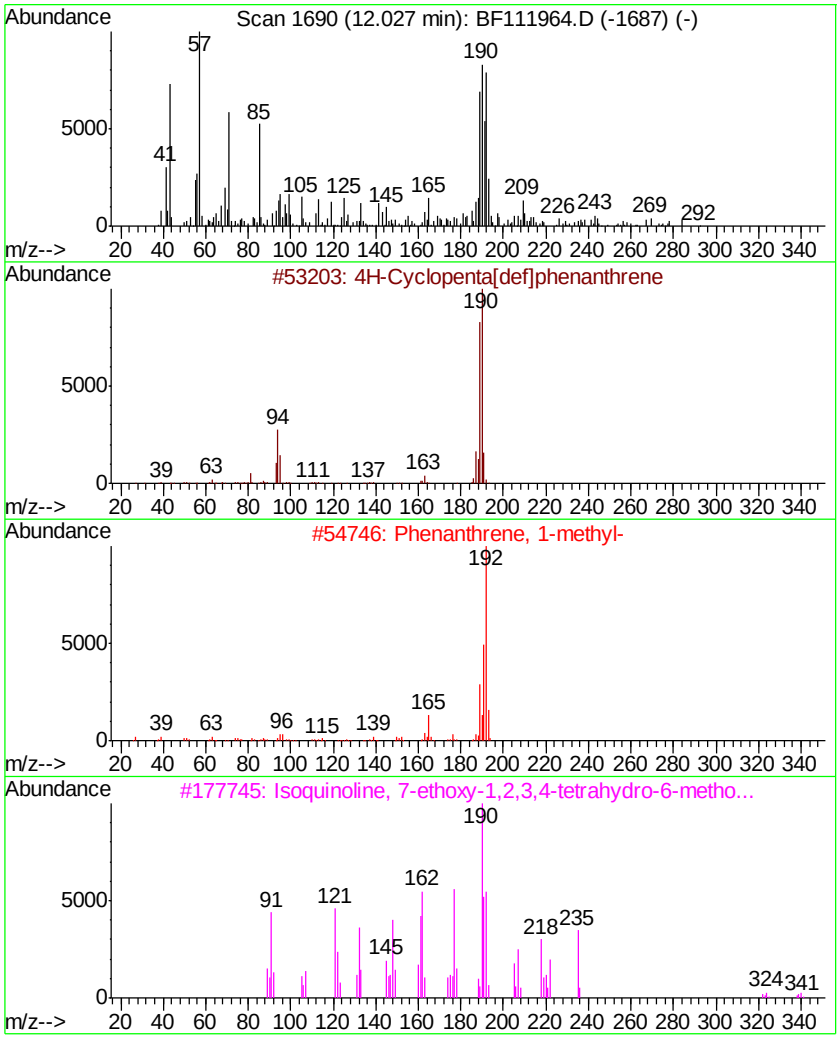
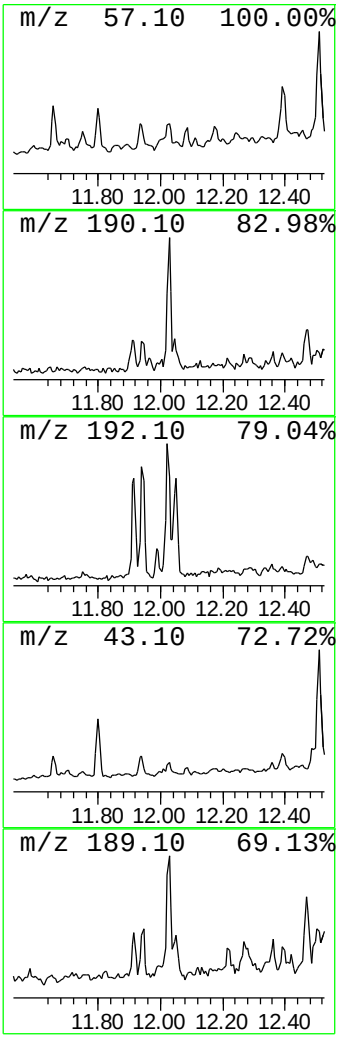
Peak Number 11 unknown12.03 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	8.85 ng	391499	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30
3	Isoquinoline, 7-ethoxy-1,2,3,4-t...	341	C21H27NO3	003423-06-1	25
4	Tetradecane	198	C14H30	000629-59-4	25
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25





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Acq On : 9 Jan 2019 21:59
Operator : JU/SJ
Sample : K1044-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-10(20-25)

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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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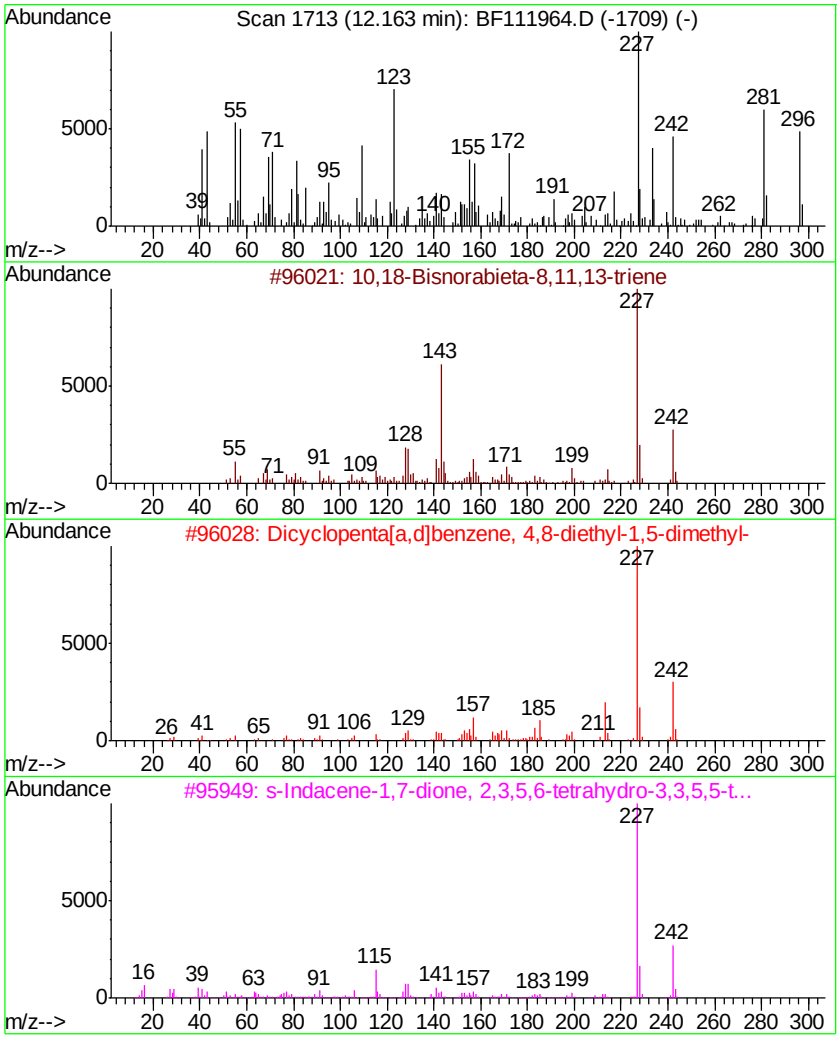
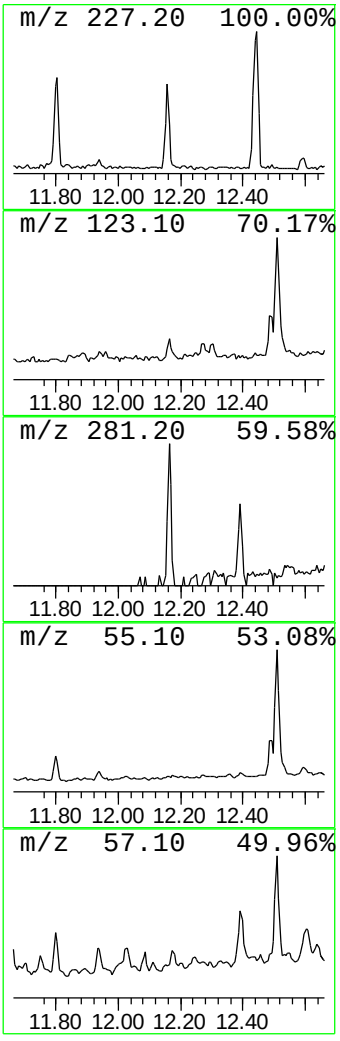
Peak Number 12 unknown12.16 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	4.35 ng	192675	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	41
2	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	38
3	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	38
4	2-(4'-Hydroxyphenyl)-2-(4'-metho...	242	C16H18O2	016530-58-8	27
5	7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	27





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Sample : K1044-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-10(20-25)

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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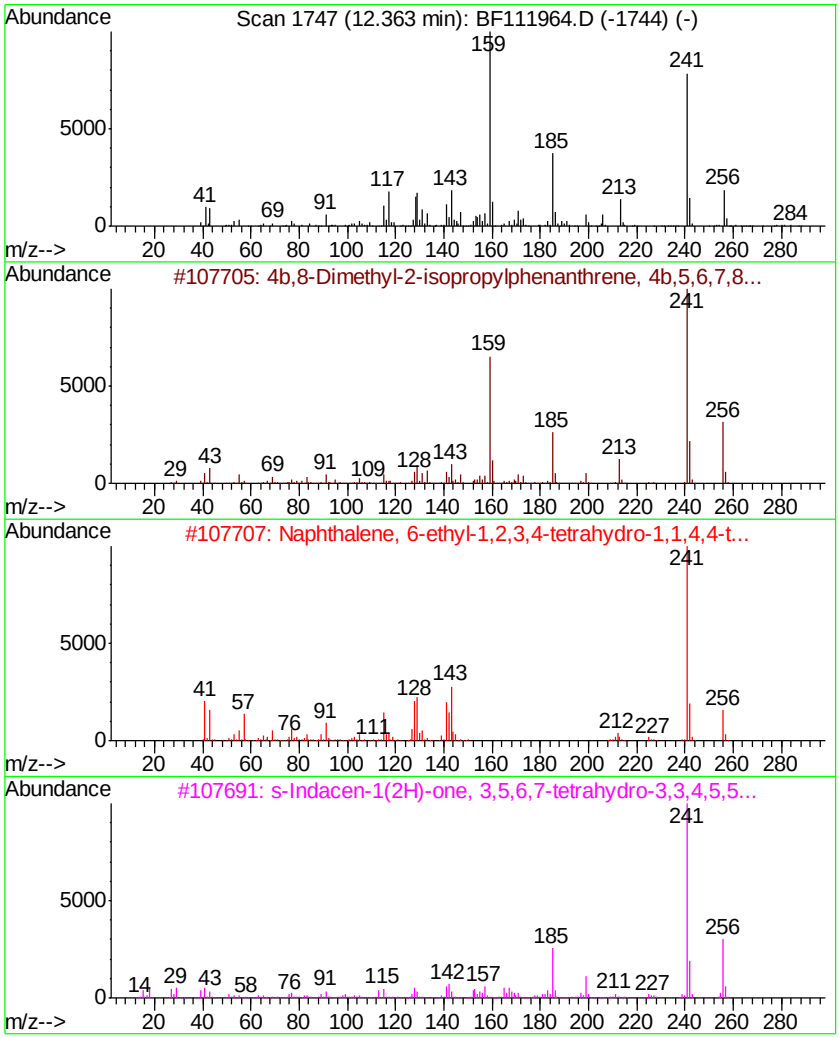
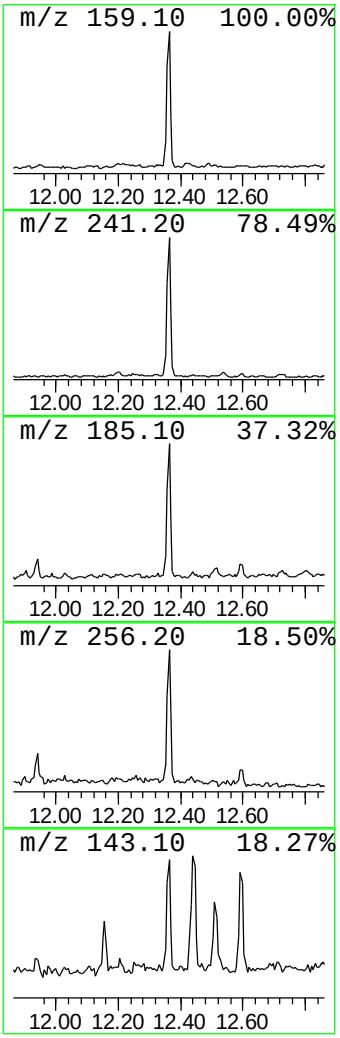
Peak Number 13 4b,8-Dimethyl-2-isopropylph... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	7.35 ng	325426	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	93
2	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	83
3	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	62
4	Ethyl alpha-(4-cinnolinyl)-alpha...	241	C13H11N3O2	018592-02-4	30
5	2,6-Diethyl-4-(4-methoxyphenyl)p...	241	C16H19NO	073669-46-2	30





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Operator : JU/SJ
Sample : K1044-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-10(20-25)

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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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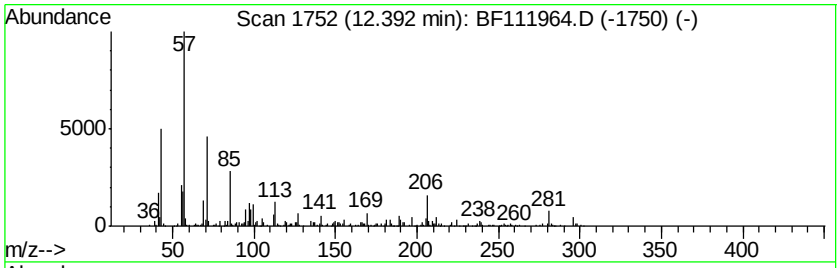
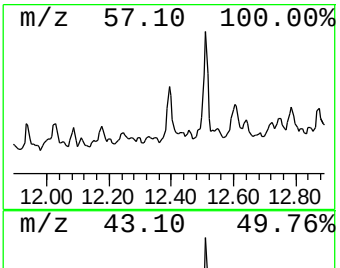
Peak Number 14 Pentadecane, 2,6,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	4.78 ng	211429	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	70
2	Hentriacontane	437	C31H64	000630-04-6	64
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
4	Pentacosane	352	C25H52	000629-99-2	58
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	53





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Sample : K1044-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-10(20-25)

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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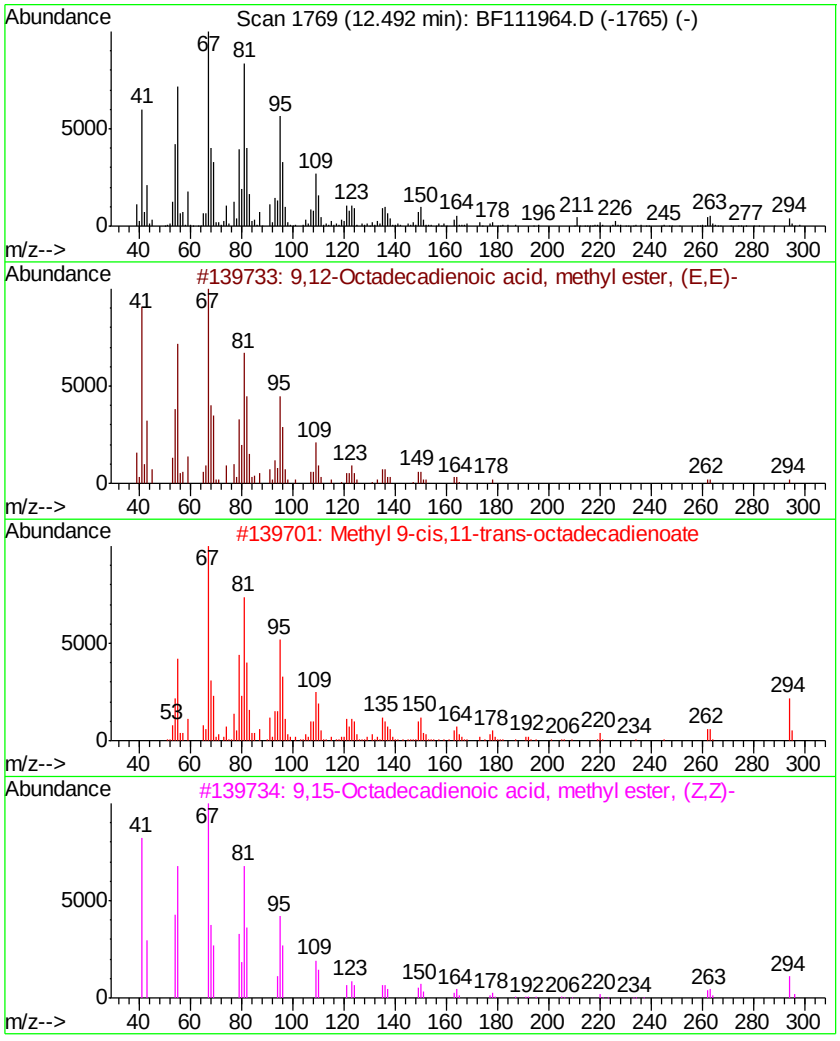
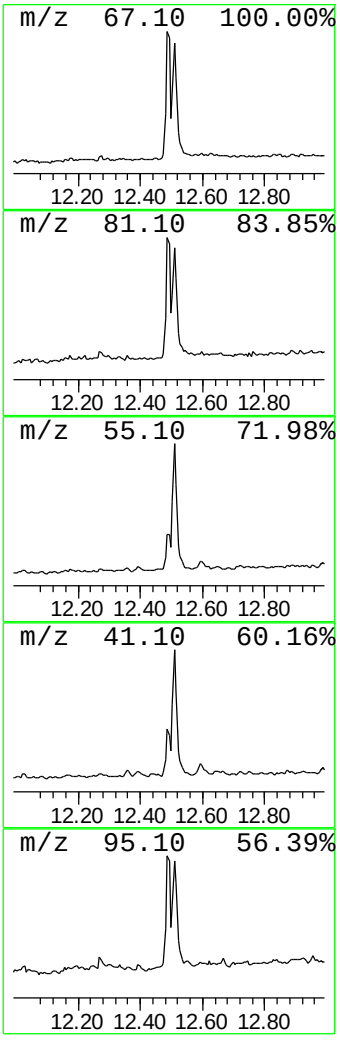
Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	24.48 ng	1083010	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	96





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Sample : K1044-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
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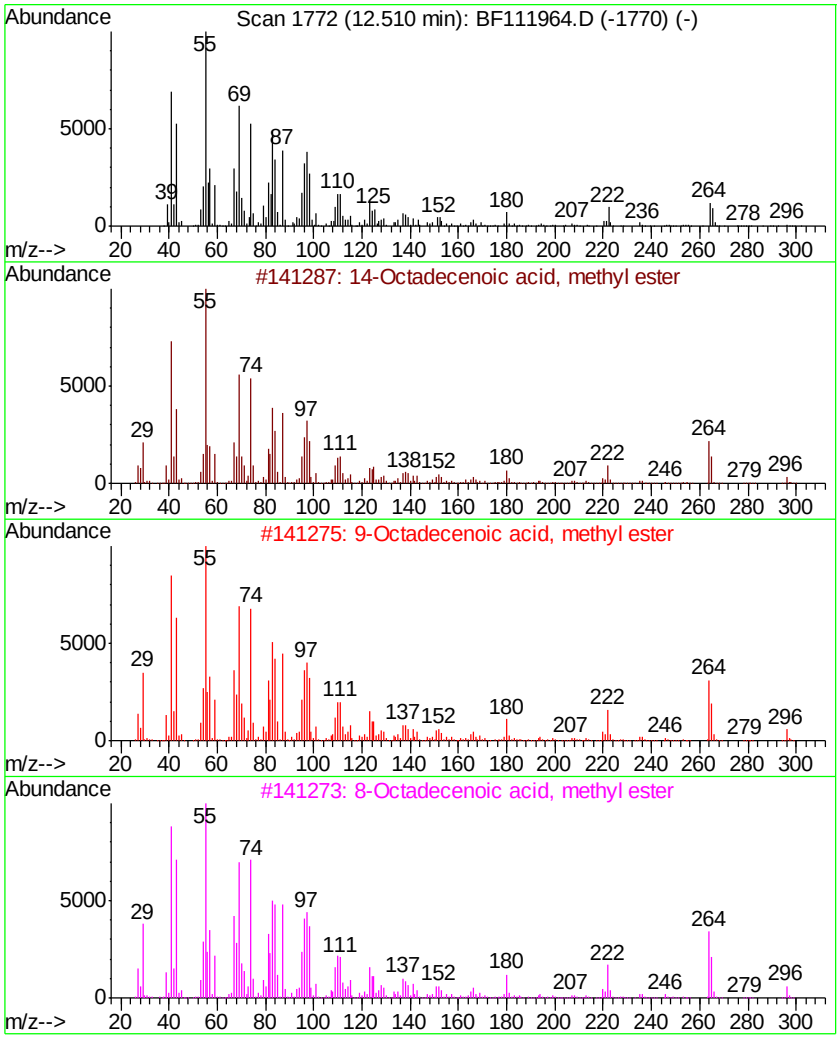
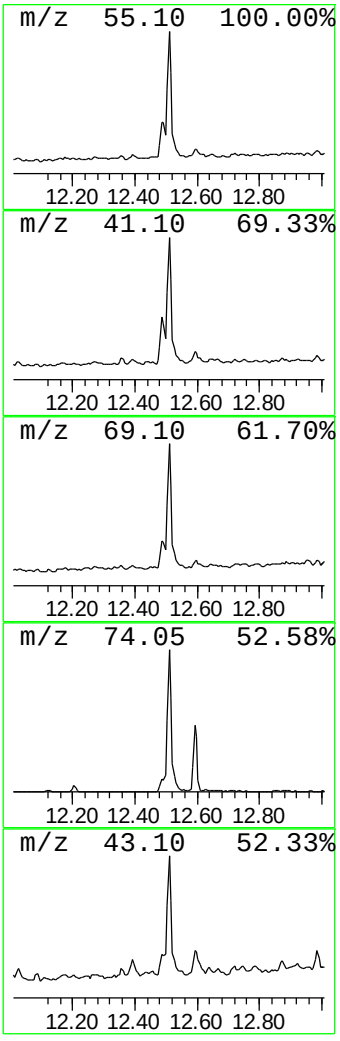
Peak Number 16 14-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	61.97 ng	2742310	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
2	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
3	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	98





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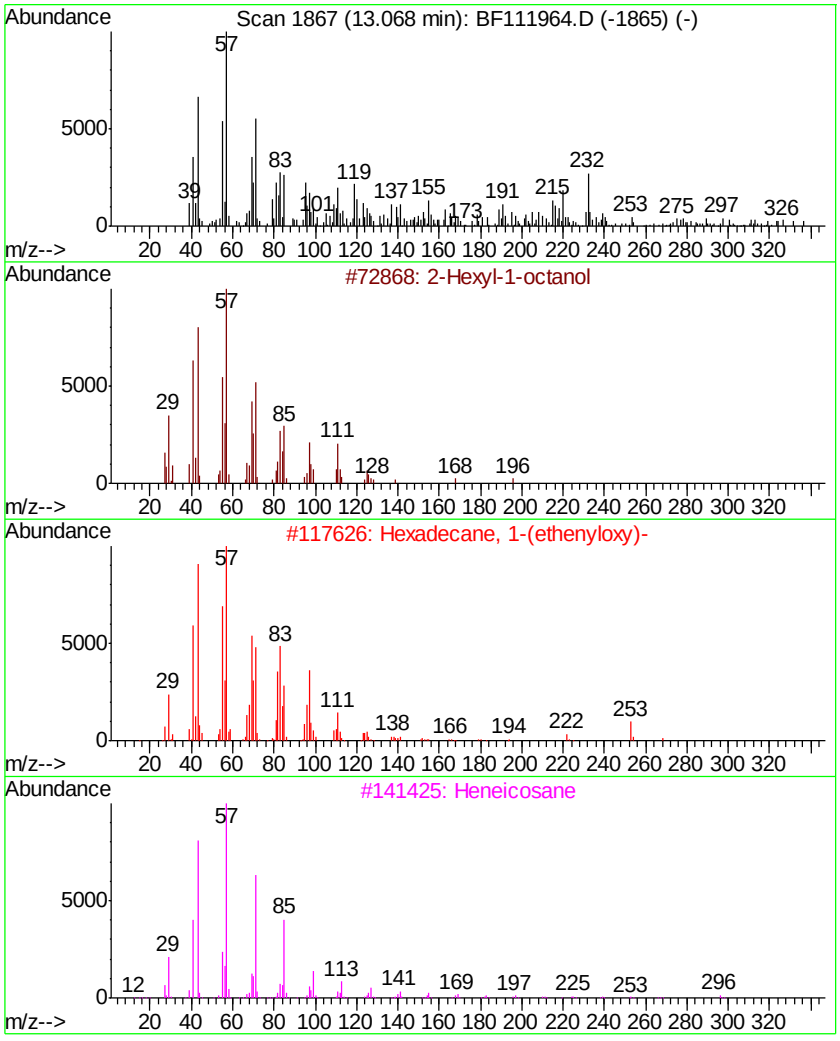
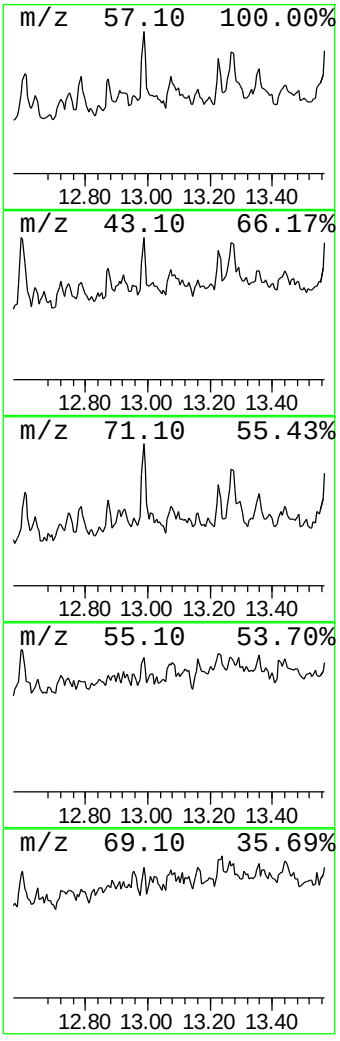
Peak Number 17 unknown13.07 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	3.98 ng	270070	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	41
2	Hexadecane, 1-(ethenyloxy)-	268	C18H36O	000822-28-6	41
3	Heneicosane	296	C21H44	000629-94-7	38
4	Decane, 5-propyl-	184	C13H28	017312-62-8	38
5	Tetradecane	198	C14H30	000629-59-4	38





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-10(20-25)

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TIC Library : C:\DATABASE\NIST11.L
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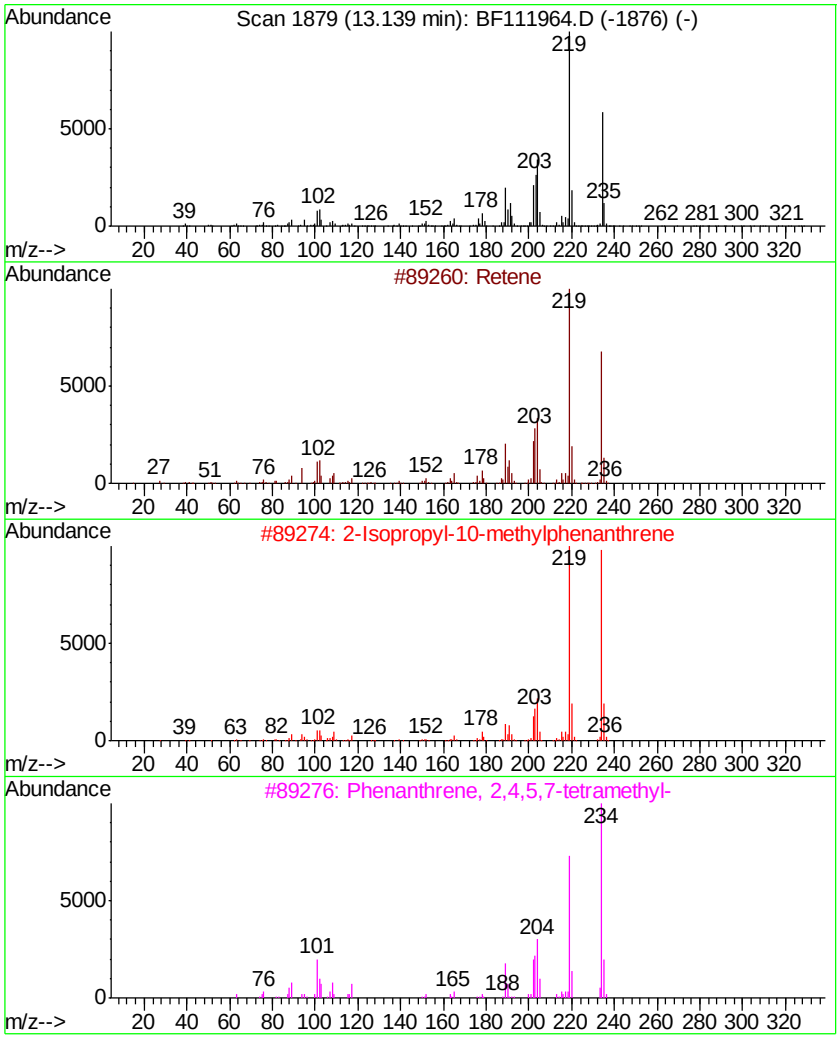
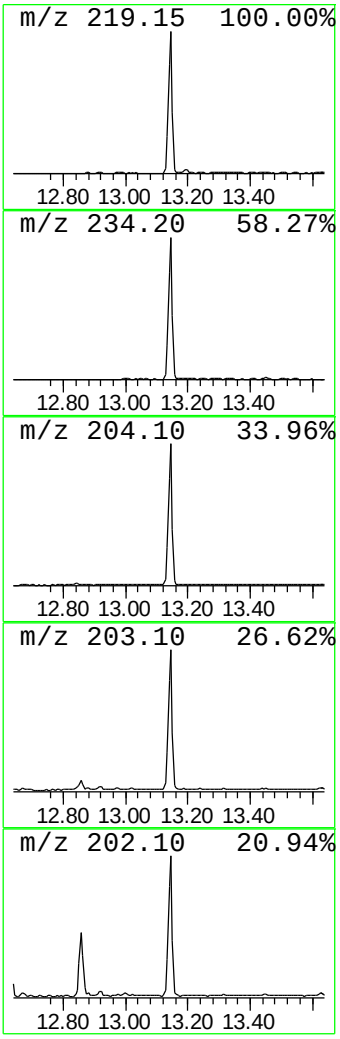
Peak Number 18 Retene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	34.18 ng	2318940	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	89
4	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	64
5	Benzene, 1,3-bis(1,1-dimethyleth...	234	C16H26O	001518-53-2	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111964.D
Acq On : 9 Jan 2019 21:59
Operator : JU/SJ
Sample : K1044-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-10(20-25)

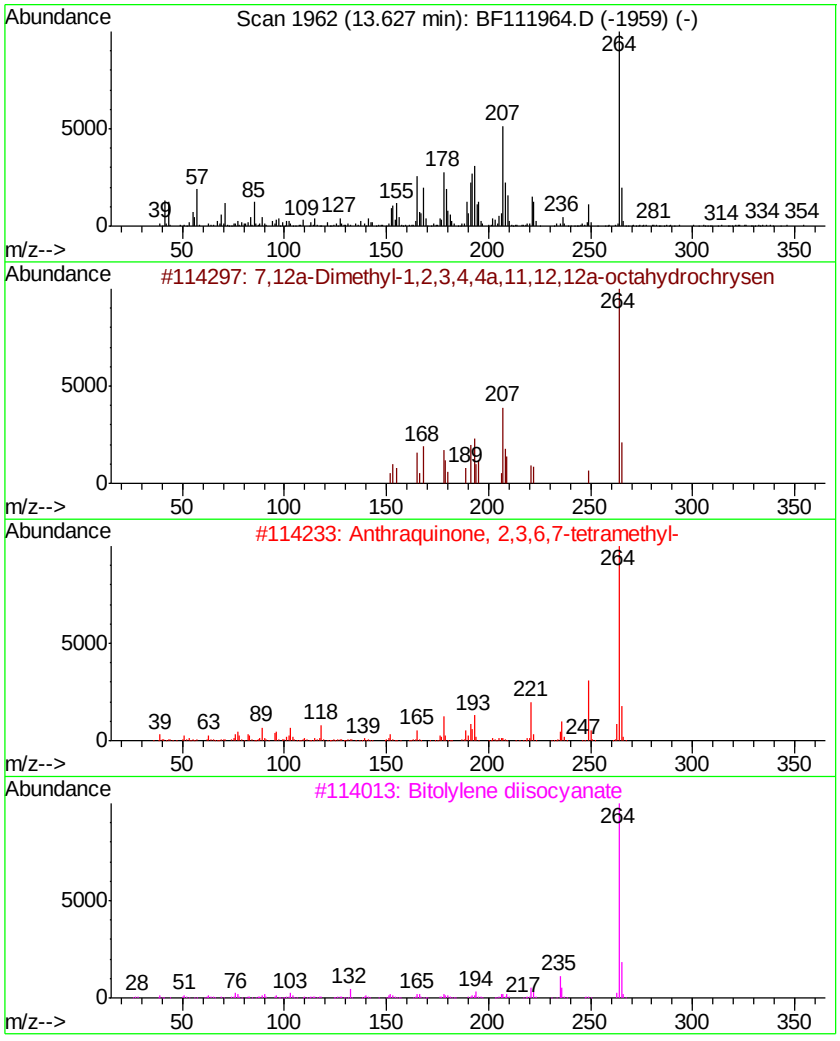
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

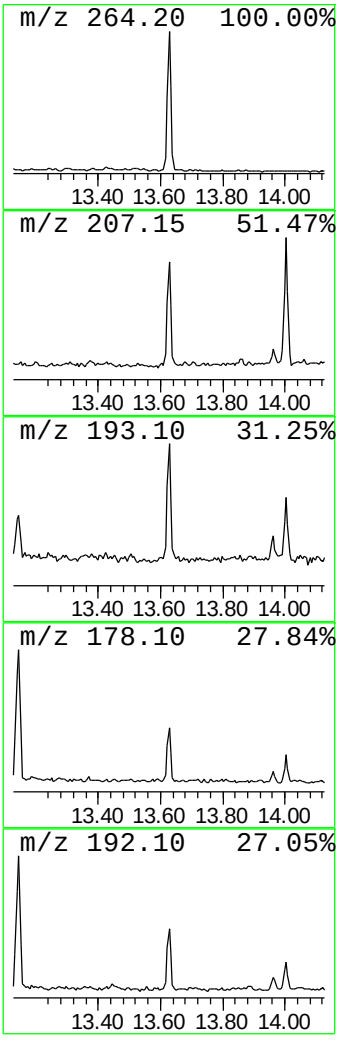
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 7,12a-Dimethyl-1,2,3,4,4a,1... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	5.63 ng	381849	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12a-Dimethyl-1,2,3,4,4a,11,12,...	264	C20H24	075758-27-9	99
2	Anthraquinone, 2,3,6,7-tetramethyl-	264	C18H16O2	015247-68-4	49
3	Bitolylene diisocyanate	264	C16H12N2O2	000091-97-4	45
4	2,3,9,10-Tetrahydro-1,8-dioxa-7,...	264	C16H12N2O2	1000243-33-3	38
5	2,4,6,8-Tetraazabicyclo[3.3.0]oc...	336	C18H20N6O	296890-55-6	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111964.D
Acq On : 9 Jan 2019 21:59
Operator : JU/SJ
Sample : K1044-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-10(20-25)

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

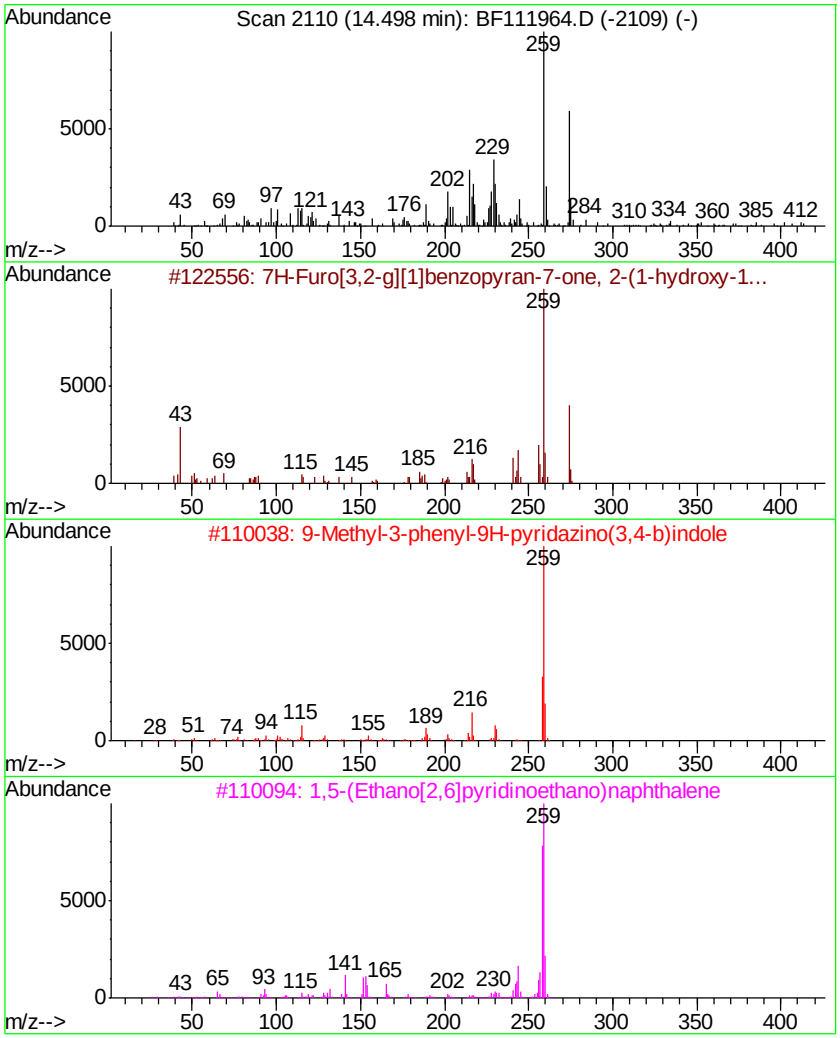
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

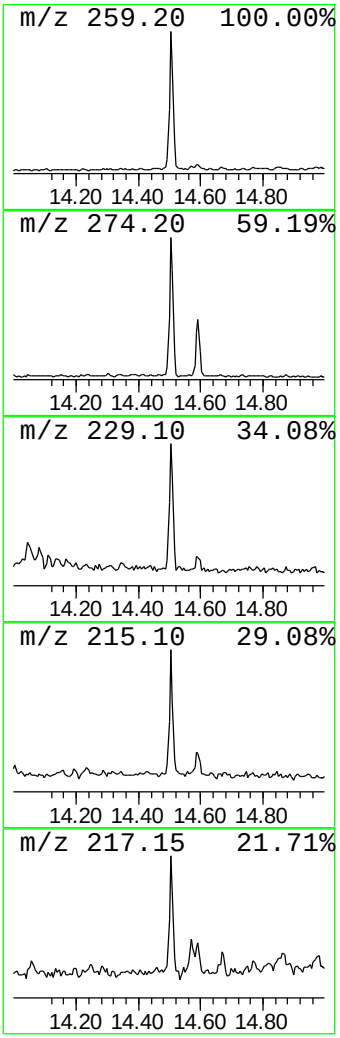
****

Peak Number 20 7H-Furo[3,2-g][1]benzopyran... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	5.78 ng	392412	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Furo[3,2-g][1]benzopyran-7-on...	274	C15H14O5	054087-32-0	58
2	9-Methyl-3-phenyl-9H-pyridazino(...	259	C17H13N3	003980-90-3	38
3	1,5-(Ethano[2,6]pyridinoethano)n...	259	C19H17N	069857-10-9	38
4	Benzonitrile, 3-(2-methyl-3-indo...	259	C17H13N3	303769-21-3	35
5	1H-Indole, 2-(2'-furyl)-3-phenyl-	259	C18H13NO	163064-82-2	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010919\
Data File : BF111964.D
Acq On : 9 Jan 2019 21:59
Operator : JU/SJ
Sample : K1044-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPSB-10(20-25)

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
2-Pentanone, 4-hy...	5.10	3.7	ng	147010	1	6.89	797678	20.0
Cyclohexane, 1,1,...	6.42	3.5	ng	140426	1	6.89	797678	20.0
unknown6.66	6.66	60.5	ng	2411640	1	6.89	797678	20.0
Undecane, 2,5-dim...	10.57	3.5	ng	154217	3	9.92	880769	20.0
Dodecane, 2,7,10-...	10.84	8.9	ng	395142	4	11.41	884974	20.0
Tridecane	11.30	9.6	ng	422472	4	11.41	884974	20.0
Octadecane	11.66	4.7	ng	209014	4	11.41	884974	20.0
Hexadecanoic acid...	11.80	15.9	ng	701970	4	11.41	884974	20.0
n-Hexadecanoic acid	11.94	8.7	ng	386504	4	11.41	884974	20.0
unknown12.03	12.03	8.8	ng	391499	4	11.41	884974	20.0
unknown12.16	12.16	4.3	ng	192675	4	11.41	884974	20.0
4b,8-Dimethyl-2-i...	12.36	7.3	ng	325426	4	11.41	884974	20.0
Pentadecane, 2,6,...	12.39	4.8	ng	211429	4	11.41	884974	20.0
9,12-Octadecadien...	12.49	24.5	ng	1083010	4	11.41	884974	20.0
14-Octadecenoic a...	12.51	62.0	ng	2742310	4	11.41	884974	20.0
unknown13.07	13.07	4.0	ng	270070	5	14.06	1357080	20.0
Retene	13.14	34.2	ng	2318940	5	14.06	1357080	20.0
7,12a-Dimethyl-1,...	13.63	5.6	ng	381849	5	14.06	1357080	20.0
7H-Furo[3,2-g][1]...	14.50	5.8	ng	392412	5	14.06	1357080	20.0