LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100101.D
Acq On : 2 Nov 2017 22:38
Operator : SJ/JU
Sample : I6252-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-103117

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:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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	6.281	710	713	721	rBV3	143089	191199	5.41%	0.416%
2	6.586	762	765	772	rVB2	799217	786508	22.27%	1.711%
3	6.769	793	796	801	rBV	648081	591545	16.75%	1.287%
4	6.898	815	818	821	rBV	181586	186263	5.27%	0.405%
5	6.928	821	823	827	rVB3	115742	130224	3.69%	0.283%
6	7.033	835	841	843	rBV5	223231	286940	8.12%	0.624%
7	7.092	847	851	855	rVB2	235351	325745	9.22%	0.709%
8	7.139	856	859	864	rBV3	203659	306054	8.66%	0.666%
9	7.292	884	885	889	rVB	204595	167173	4.73%	0.364%
10	7.357	889	896	899	rVB	1421350	1349972	38.22%	2.937%
11	7.404	899	904	907	rVB6	161087	242514	6.87%	0.528%
12	7.451	907	912	913	rBV2	113781	139575	3.95%	0.304%
13	7.533	924	926	928	rBV	223930	167703	4.75%	0.365%
14	7.563	928	931	934	rVB	286098	251308	7.11%	0.547%
15	7.657	941	947	949	rBV3	240628	326808	9.25%	0.711%
16	7.680	949	951	953	rVV	194468	175908	4.98%	0.383%
17	7.722	955	958	961	rVV2	218917	248341	7.03%	0.540%
18	7.757	961	964	966	rVV2	172930	177130	5.01%	0.385%
19	7.786	966	969	972	rVV	520043	476660	13.49%	1.037%
20	7.833	975	977	979	rVV	190546	129609	3.67%	0.282%
21	7.992	998	1004	1005	rBV3	131811	178540	5.05%	0.388%
22	8.022	1005	1009	1012	rVV	1436999	1427671	40.42%	3.106%
23	8.051	1012	1014	1016	rVV	801321	690568	19.55%	1.502%
24	8.075	1016	1018	1020	rVV	562860	508872	14.41%	1.107%
25	8.098	1020	1022	1025	rVB	555691	466268	13.20%	1.014%
26	8.133	1025	1028	1035	rVB5	145479	216454	6.13%	0.471%
27	8.245	1044	1047	1049	rVB	205418	170105	4.82%	0.370%
28	8.333	1058	1062	1067	rVB4	363275	448124	12.69%	0.975%
29	8.380	1067	1070	1074	rBV4	169016	179645	5.09%	0.391%
30	8.416	1074	1076	1080	rVB2	269749	228599	6.47%	0.497%
31	8.457	1080	1083	1086	rBV	554894	468877	13.27%	1.020%
32	8.551	1096	1099	1101	rBV2	287823	231676	6.56%	0.504%
33	8.633	1109	1113	1116	rBV	1497966	1170261	33.13%	2.546%
34	8.710	1121	1126	1127	rBV4	105493	133374	3.78%	0.290%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100101.D
Acq On : 2 Nov 2017 22:38
Operator : SJ/JU
Sample : I6252-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-103117

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:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.763	1132	1135	1138	rBV	425593	390392	11.05%	0.849%
36	8.863	1150	1152	1155	rVV2	461818	423868	12.00%	0.922%
37	8.910	1158	1160	1162	rVV3	151176	139369	3.95%	0.303%
38	8.945	1164	1166	1171	rVB4	166846	244335	6.92%	0.532%
39	8.992	1171	1174	1176	rBV2	288378	249332	7.06%	0.542%
40	9.033	1179	1181	1183	rVB	190071	122682	3.47%	0.267%
41	9.057	1183	1185	1188	rBV	433657	310020	8.78%	0.674%
42	9.122	1193	1196	1200	rVB	221622	185626	5.26%	0.404%
43	9.198	1204	1209	1212	rBV	1191552	1076344	30.47%	2.342%
44	9.227	1212	1214	1217	rBV2	119387	121418	3.44%	0.264%
45	9.269	1219	1221	1224	rVB3	152837	136067	3.85%	0.296%
46	9.322	1224	1230	1234	rBV5	69088	136920	3.88%	0.298%
47	9.386	1238	1241	1246	rBV2	202652	278921	7.90%	0.607%
48	9.463	1250	1254	1257	rBV4	216421	268927	7.61%	0.585%
49	9.516	1257	1263	1265	rBV5	271611	443591	12.56%	0.965%
50	9.580	1270	1274	1279	rVV5	155337	250522	7.09%	0.545%
51	9.669	1282	1289	1292	rBV3	131520	197425	5.59%	0.430%
52	9.722	1296	1298	1302	rVB	770571	627823	17.77%	1.366%
53	9.804	1310	1312	1315	rVV	742935	629391	17.82%	1.369%
54	9.839	1315	1318	1321	rVB	518112	433882	12.28%	0.944%
55	9.957	1334	1338	1340	rVV4	93338	137752	3.90%	0.300%
56	10.010	1344	1347	1350	rVV2	423297	402115	11.38%	0.875%
57	10.045	1350	1353	1357	rVV4	185890	233065	6.60%	0.507%
58	10.222	1377	1383	1386	rBV	556749	520077	14.72%	1.131%
59	10.357	1402	1406	1411	rVB	668569	620230	17.56%	1.349%
60	10.439	1415	1420	1422	rVV2	232145	271683	7.69%	0.591%
61	10.604	1443	1448	1453	rBV2	133410	216663	6.13%	0.471%
62	10.692	1460	1463	1472	rVB	388456	485246	13.74%	1.056%
63	10.904	1493	1499	1502	rBV2	128919	180051	5.10%	0.392%
64	11.139	1537	1539	1542	rBV	256054	221714	6.28%	0.482%
65	11.192	1546	1548	1552	rVB	161684	140129	3.97%	0.305%
66	11.298	1562	1566	1568	rBV	675540	649839	18.40%	1.414%
67	11.327	1568	1571	1574	rVV	1912897	1836220	51.98%	3.995%
68	11.374	1574	1579	1583	rVV	746808	669467	18.95%	1.456%
69	11.539	1601	1607	1610	rBV	192656	217893	6.17%	0.474%
70	11.568	1610	1612	1618	rVV2	182860	182553	5.17%	0.397%
71	11.674	1626	1630	1633	rVB	1840610	1510764	42.77%	3.287%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100101.D
Acq On : 2 Nov 2017 22:38
Operator : SJ/JU
Sample : I6252-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-103117

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:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.798	1648	1651	1654	rBV	277550	254763	7.21%	0.554%
73	11.827	1654	1656	1661	rVV	338341	287457	8.14%	0.625%
74	11.874	1661	1664	1667	rVV	136510	129061	3.65%	0.281%
75	11.910	1667	1670	1673	rVV	421476	445060	12.60%	0.968%
76	11.974	1678	1681	1686	rBV2	140844	131189	3.71%	0.285%
77	12.092	1695	1701	1705	rVB	155583	152743	4.32%	0.332%
78	12.368	1741	1748	1749	rBV	2880459	3532283	100.00%	7.685%
79	12.386	1749	1751	1757	rVB2	2827727	2835360	80.27%	6.169%
80	12.463	1761	1764	1768	rVB	820196	668992	18.94%	1.455%
81	12.521	1768	1774	1777	rBV	1593241	1644394	46.55%	3.578%
82	12.751	1806	1813	1818	rVB2	1245345	1553044	43.97%	3.379%
83	12.874	1831	1834	1837	rBV2	210783	183615	5.20%	0.399%
84	12.963	1845	1849	1855	rVV2	79945	154309	4.37%	0.336%
85	13.074	1865	1868	1873	rVV2	268930	317075	8.98%	0.690%
86	13.139	1876	1879	1882	rVB	267589	223187	6.32%	0.486%
87	13.180	1882	1886	1890	rBV3	153582	210041	5.95%	0.457%
88	13.751	1980	1983	1990	rVB4	96660	178468	5.05%	0.388%
89	13.945	2009	2016	2019	rBV2	807198	1310755	37.11%	2.852%
90	13.974	2019	2021	2028	rVB	602474	543844	15.40%	1.183%
91	14.057	2032	2035	2037	rBV	145618	128312	3.63%	0.279%
92	14.339	2078	2083	2086	rBV2	125603	172374	4.88%	0.375%
93	14.992	2189	2194	2196	rBV	468342	666944	18.88%	1.451%
94	15.098	2208	2212	2218	rVB	108220	123935	3.51%	0.270%
95	15.286	2240	2244	2248	rBV	243830	285158	8.07%	0.620%
96	15.351	2251	2255	2261	rVB	406772	513459	14.54%	1.117%
97	15.409	2261	2265	2268	rBV	372381	424776	12.03%	0.924%
98	15.445	2268	2271	2276	rVB	92932	124391	3.52%	0.271%
99	16.880	2510	2515	2521	rVB2	128028	241558	6.84%	0.526%
100	17.327	2586	2591	2599	rBV	94468	189549	5.37%	0.412%

Sum of corrected areas: 45964625

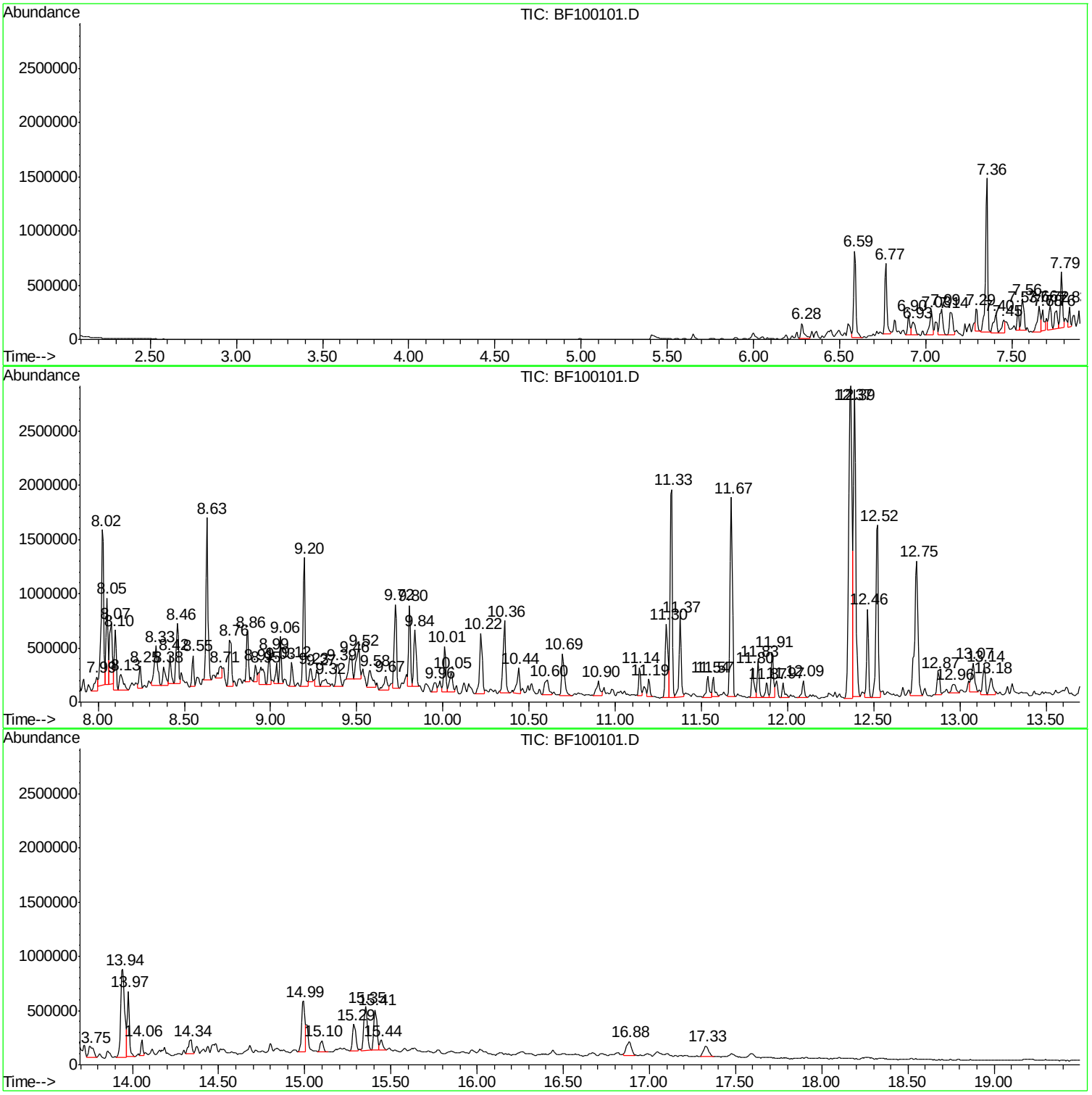
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100101.D
Acq On : 2 Nov 2017 22:38
Operator : SJ/JU
Sample : I6252-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-103117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100101.D
Acq On : 2 Nov 2017 22:38
Operator : SJ/JU
Sample : I6252-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-103117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

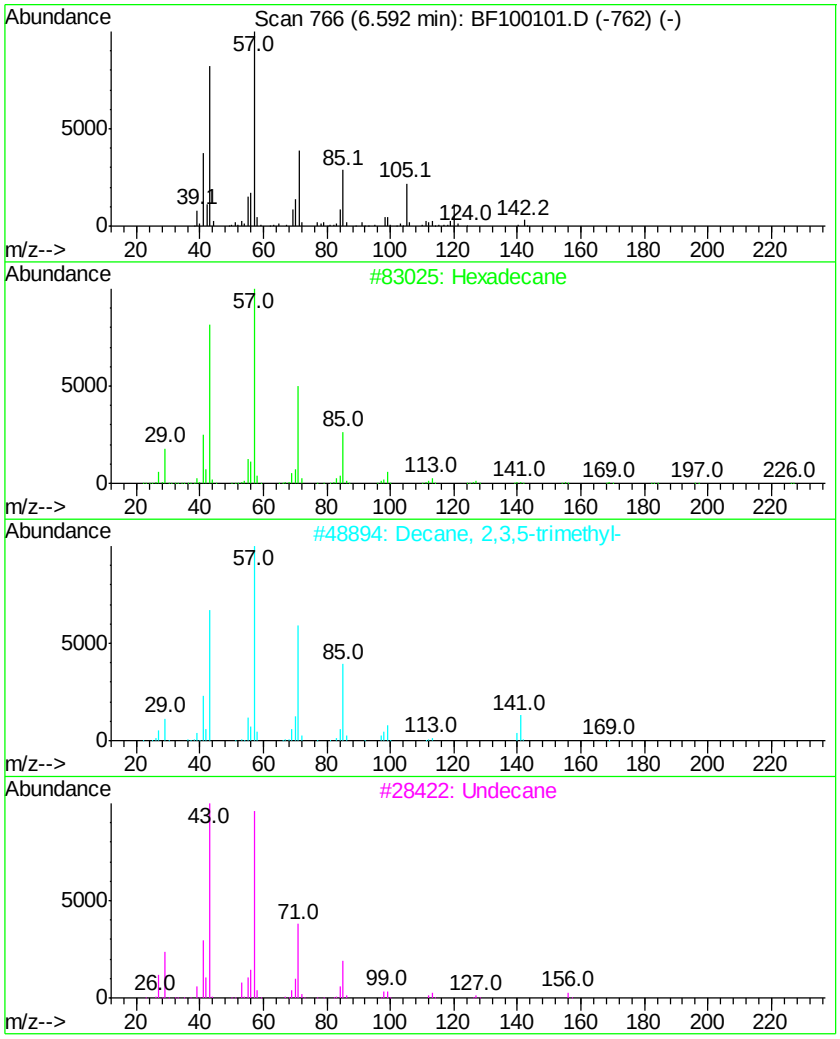
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

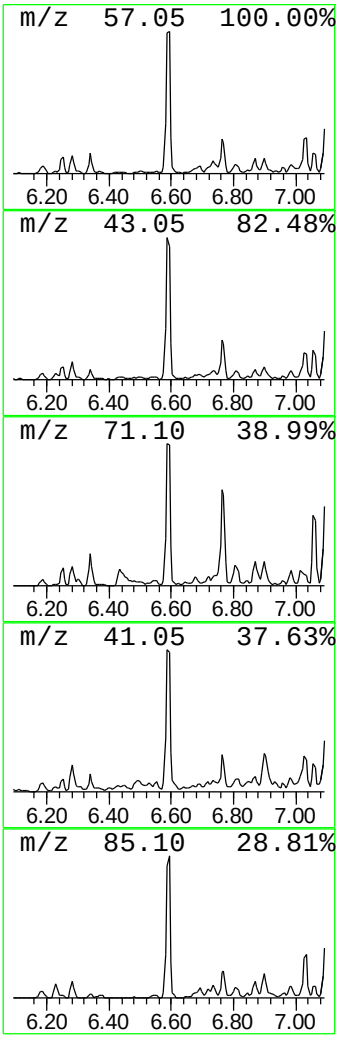
****

Peak Number 1 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	26.59 ng	786508	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	52
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	50
3	Undecane	156	C11H24	001120-21-4	47
4	Decane	142	C10H22	000124-18-5	46
5	Nonane	128	C9H20	000111-84-2	43





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100101.D
Acq On : 2 Nov 2017 22:38
Operator : SJ/JU
Sample : I6252-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-103117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

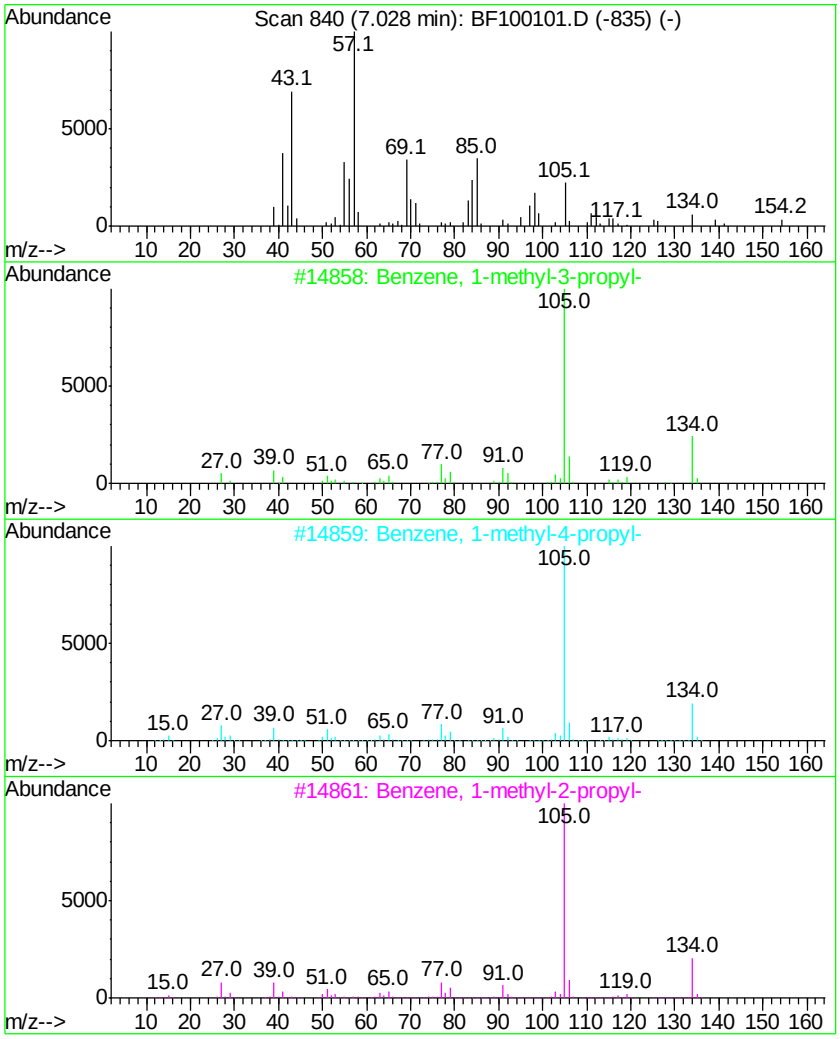
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

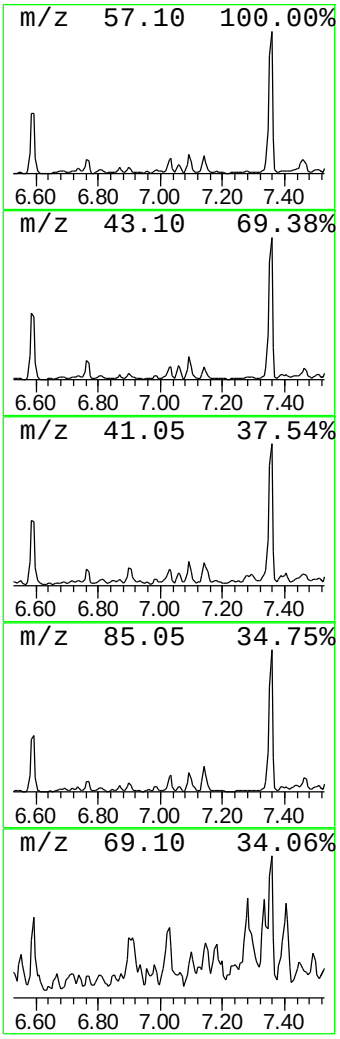
****

Peak Number 2 Benzene, 1-methyl-3-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	9.70 ng	286940	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	80
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	42
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	42
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	42
5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	38





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100101.D
Acq On : 2 Nov 2017 22:38
Operator : SJ/JU
Sample : I6252-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-103117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

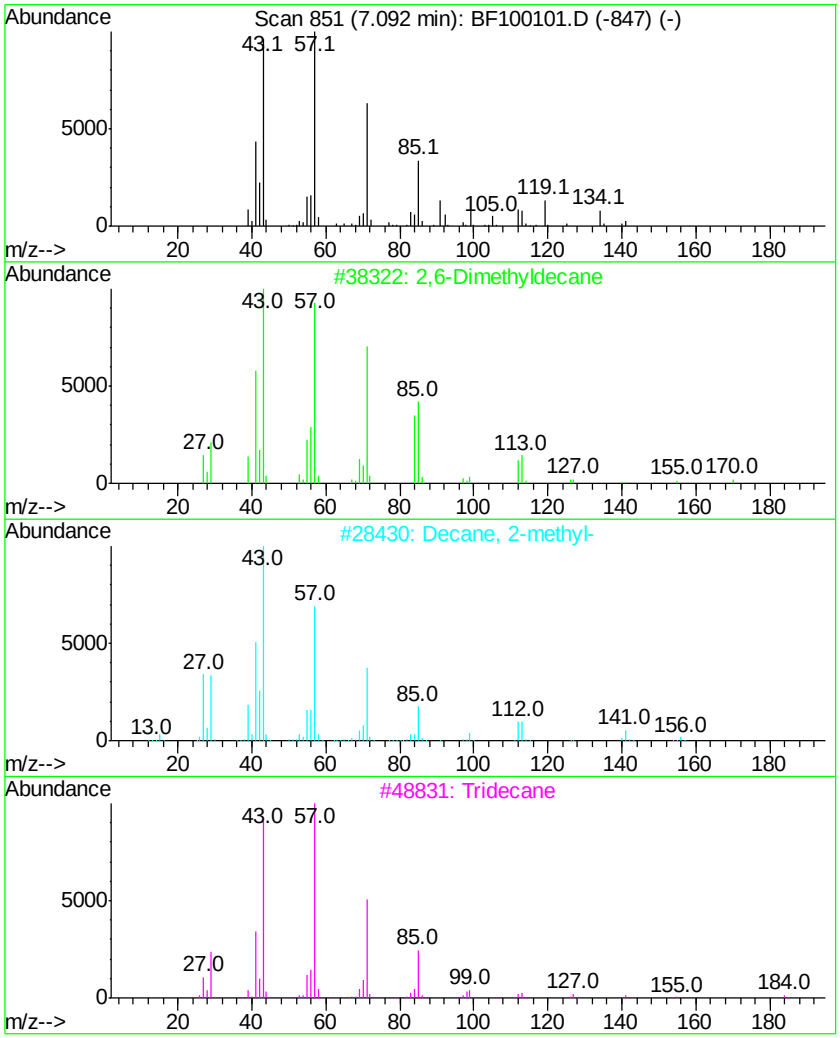
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

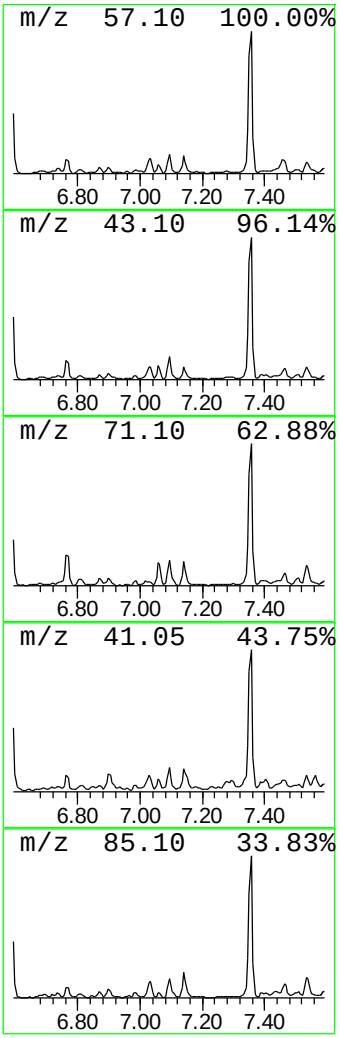
****

Peak Number 3 2,6-Dimethyldecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	11.01 ng	325745	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyldecane	170	C12H26	013150-81-7	64
2	Decane, 2-methyl-	156	C11H24	006975-98-0	64
3	Tridecane	184	C13H28	000629-50-5	59
4	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	53
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	53





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100101.D
Acq On : 2 Nov 2017 22:38
Operator : SJ/JU
Sample : I6252-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-103117

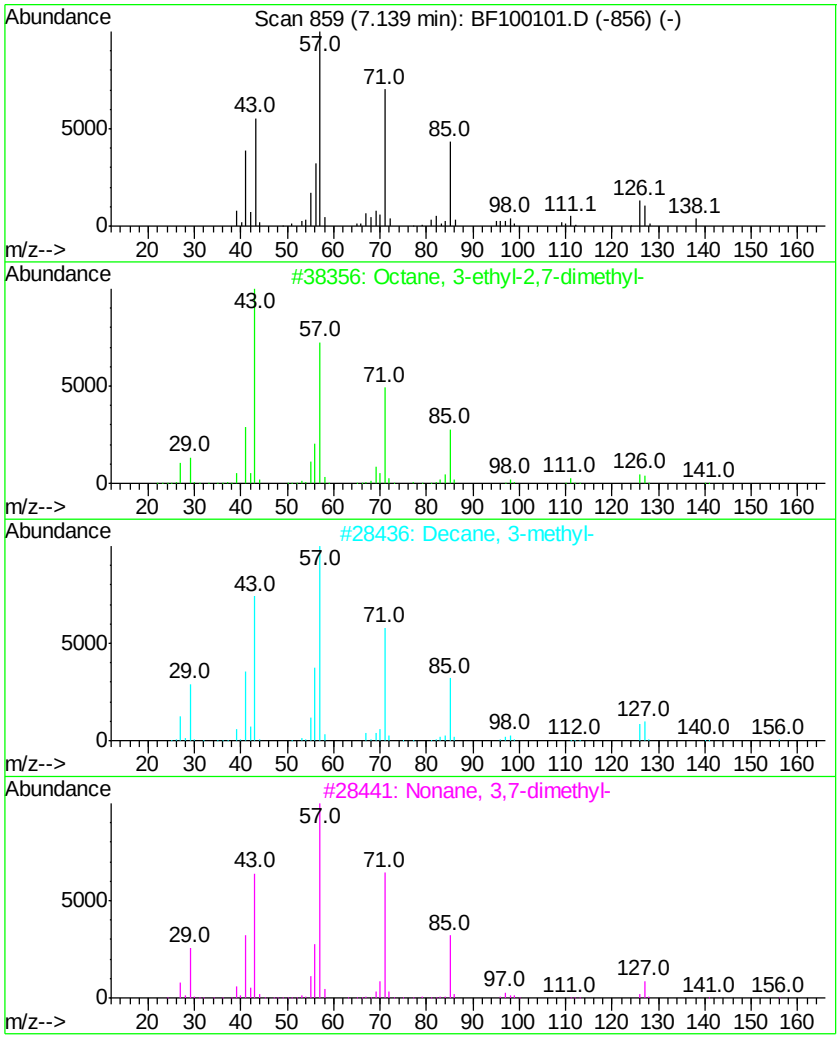
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

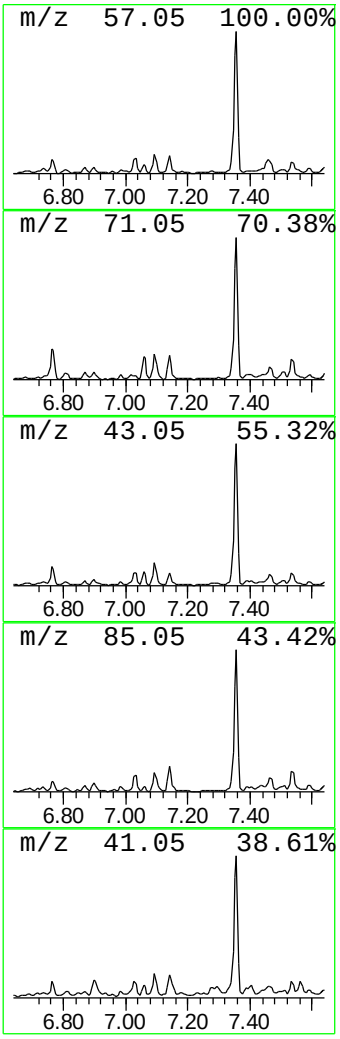
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Octane, 3-ethyl-2,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	10.35 ng	306054	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	83
2	Decane, 3-methyl-	156	C11H24	013151-34-3	64
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	50
5	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	50





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100101.D
Acq On : 2 Nov 2017 22:38
Operator : SJ/JU
Sample : I6252-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-103117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

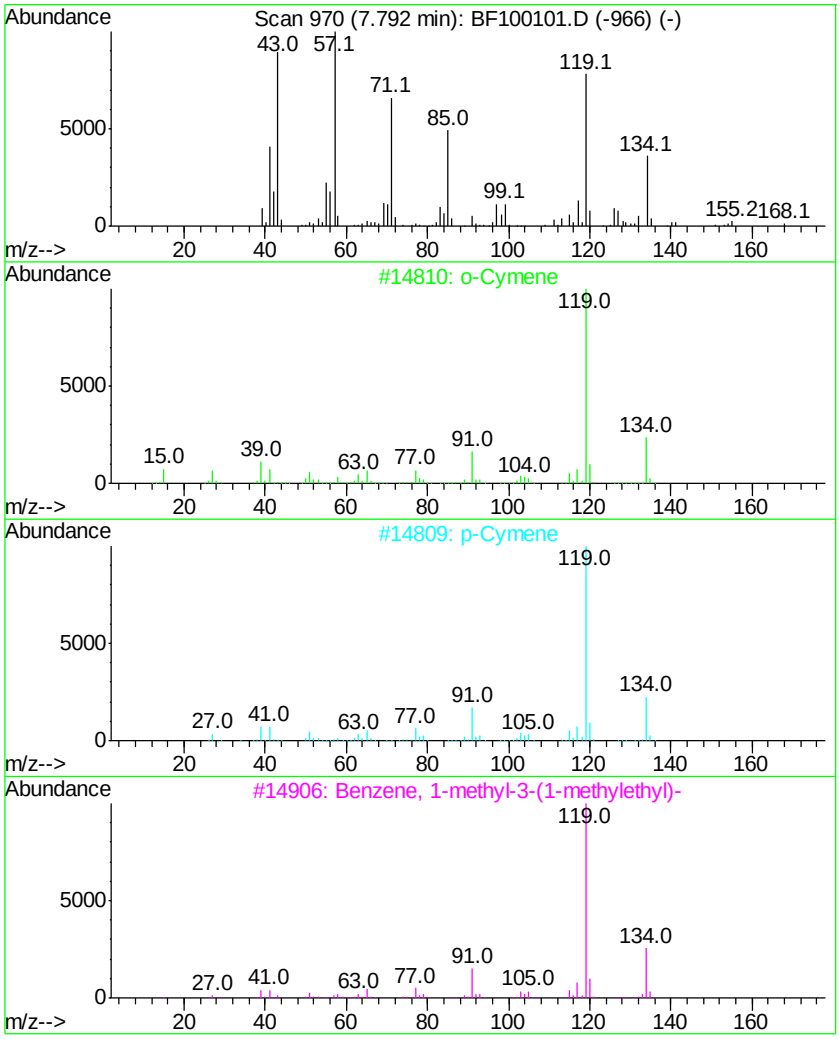
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

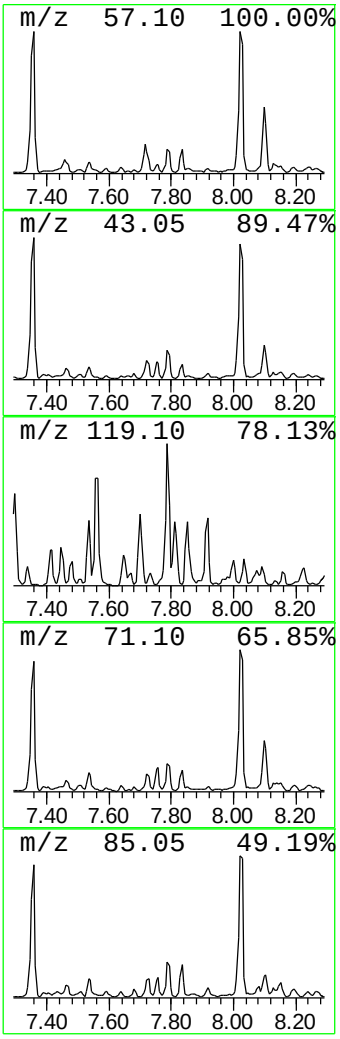
****

Peak Number 5 unknown7.79 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	13.80 ng	476660	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	49
2	p-Cymene	134	C10H14	000099-87-6	49
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	46
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	46





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100101.D
Acq On : 2 Nov 2017 22:38
Operator : SJ/JU
Sample : I6252-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-103117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

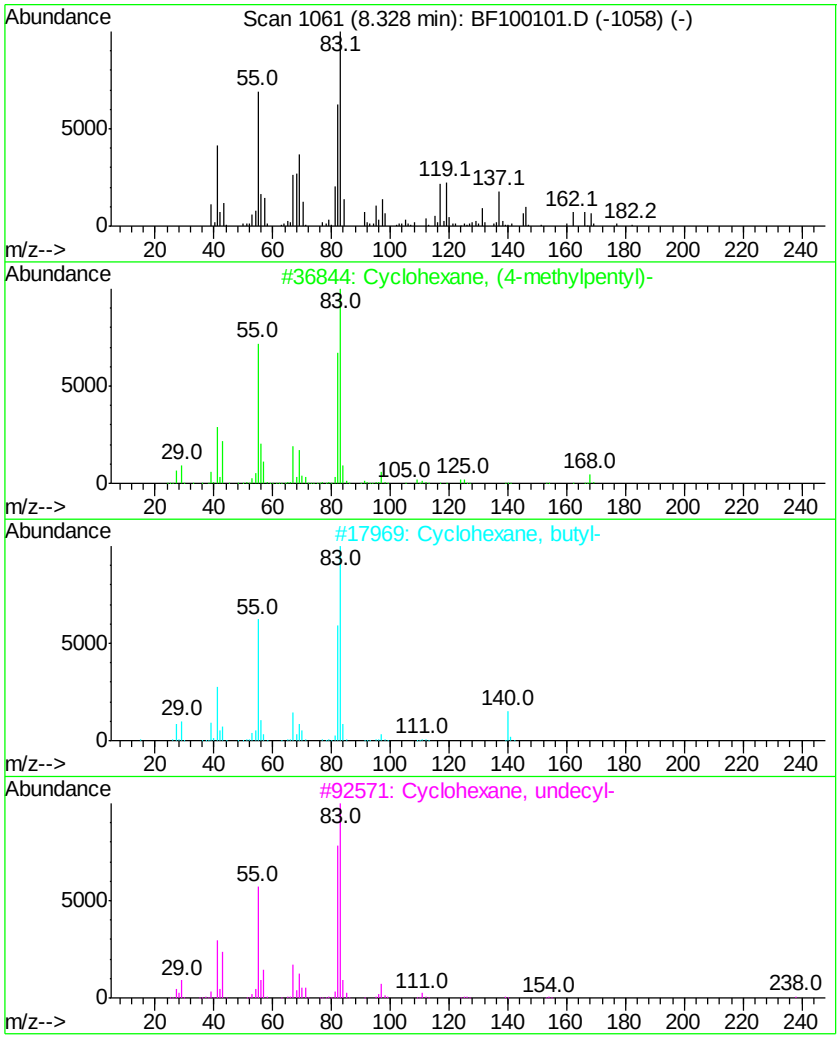
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

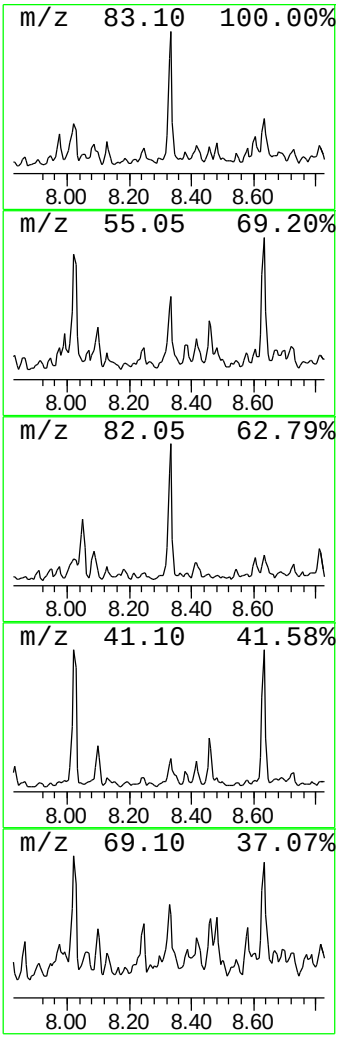
****

Peak Number 6 Cyclohexane, (4-methylpentyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	12.98 ng	448124	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	62
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	53
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	53
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	53
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100101.D
Acq On : 2 Nov 2017 22:38
Operator : SJ/JU
Sample : I6252-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-103117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

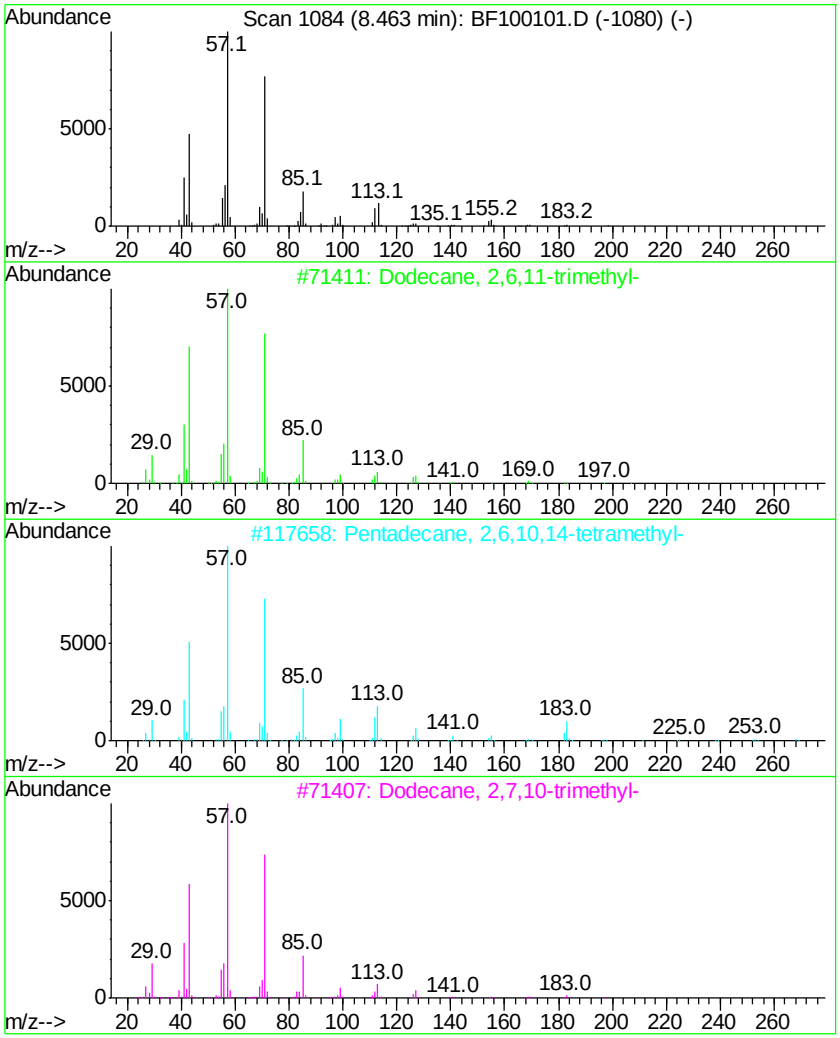
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

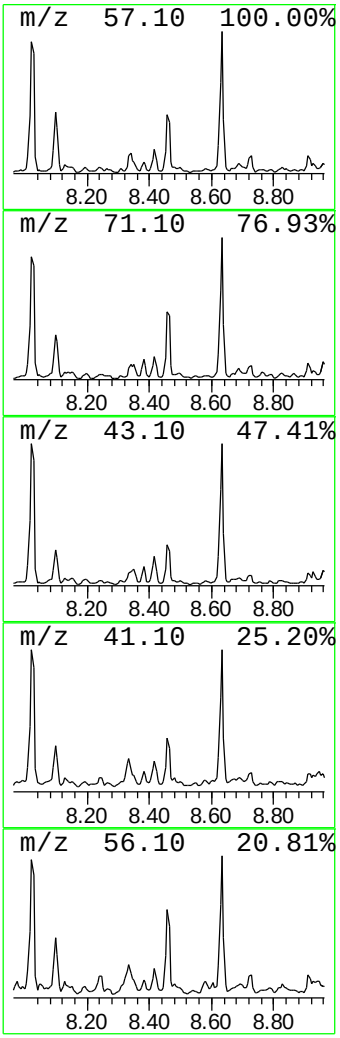
****

Peak Number 7 Dodecane, 2,6,11-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	13.58 ng	468877	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	59
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	53





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100101.D
Acq On : 2 Nov 2017 22:38
Operator : SJ/JU
Sample : I6252-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-103117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

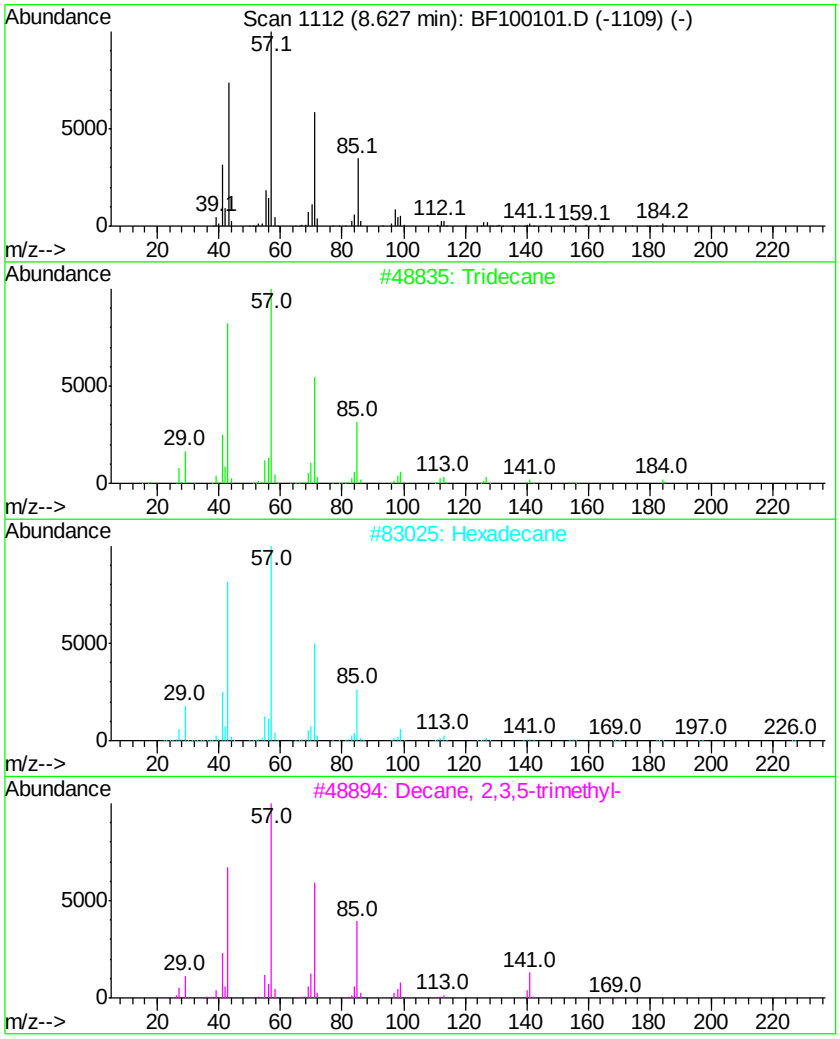
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

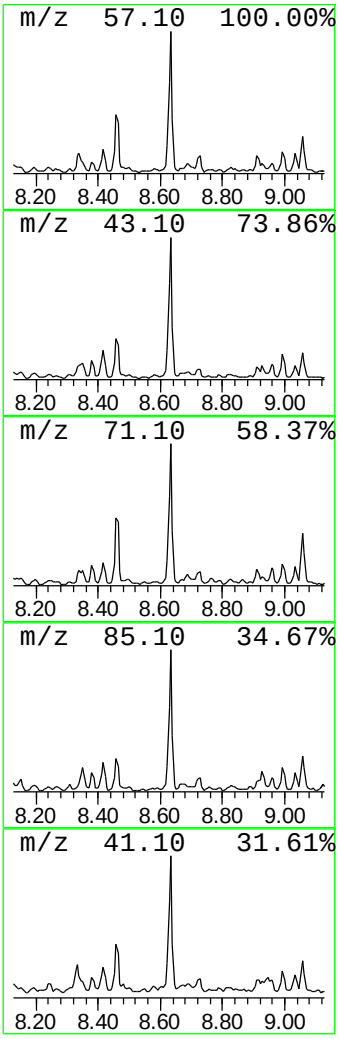
****

Peak Number 8 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	33.89 ng	1170260	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Hexadecane	226	C16H34	000544-76-3	86
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4	Nonadecane	268	C19H40	000629-92-5	78
5	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	78





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100101.D
Acq On : 2 Nov 2017 22:38
Operator : SJ/JU
Sample : I6252-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-103117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

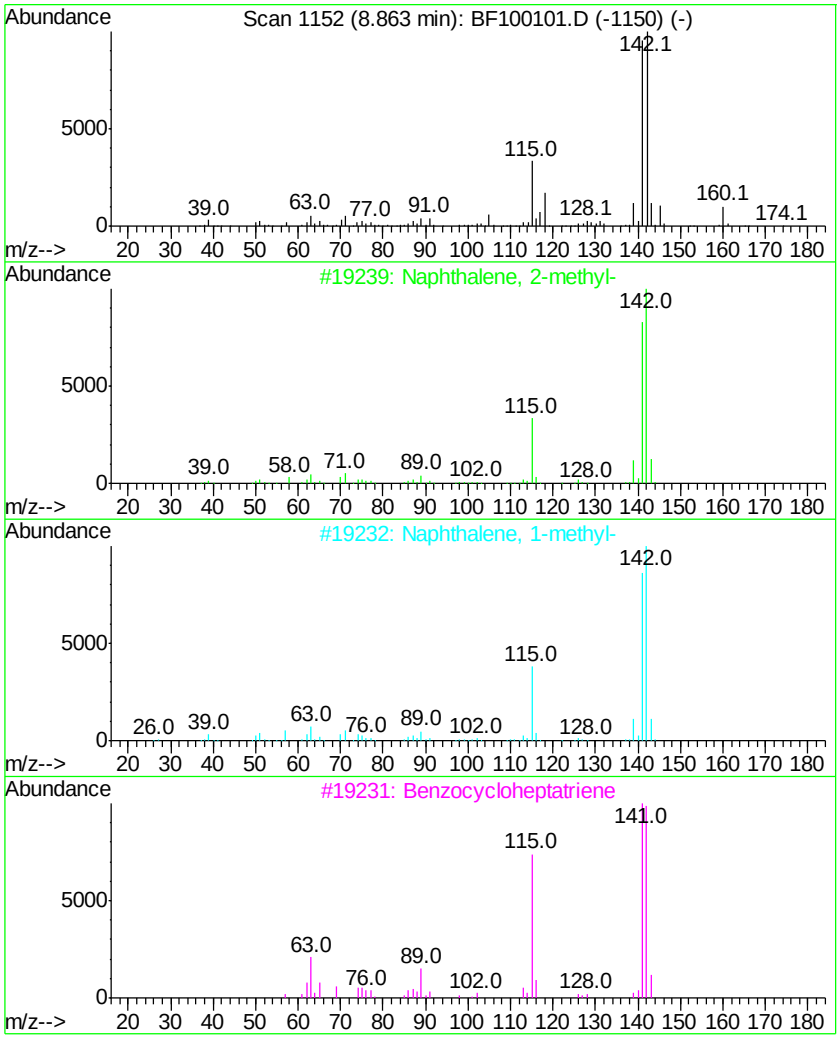
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

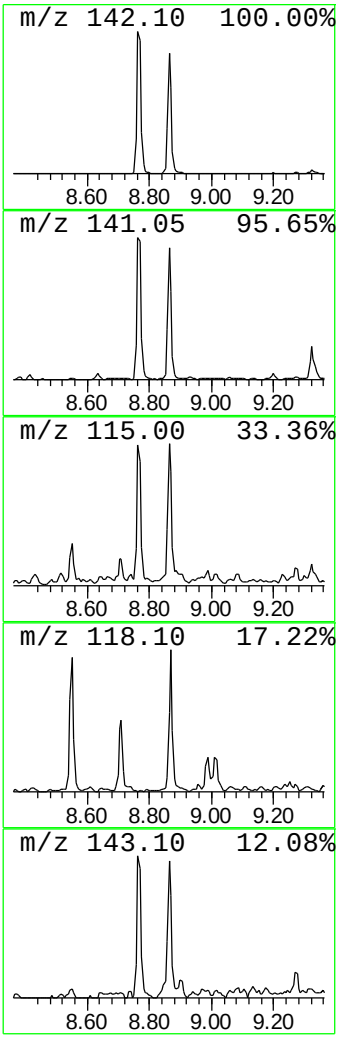
****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	12.28 ng	423868	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	81
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	81
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	52





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100101.D
Acq On : 2 Nov 2017 22:38
Operator : SJ/JU
Sample : I6252-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-103117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

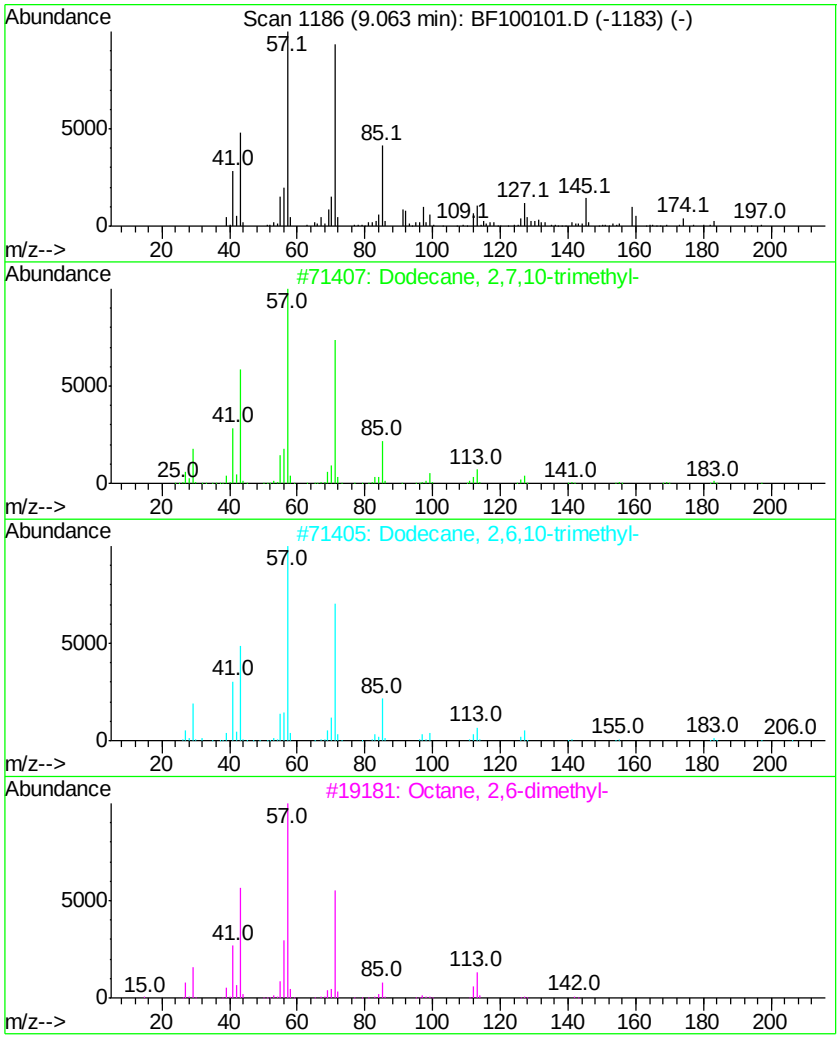
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

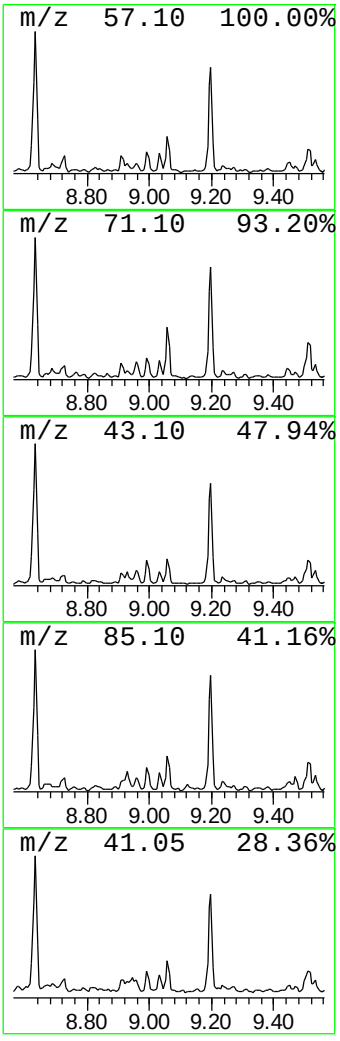
****

Peak Number 10 Dodecane, 2,7,10-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	9.85 ng	310020	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100101.D
Acq On : 2 Nov 2017 22:38
Operator : SJ/JU
Sample : I6252-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-103117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

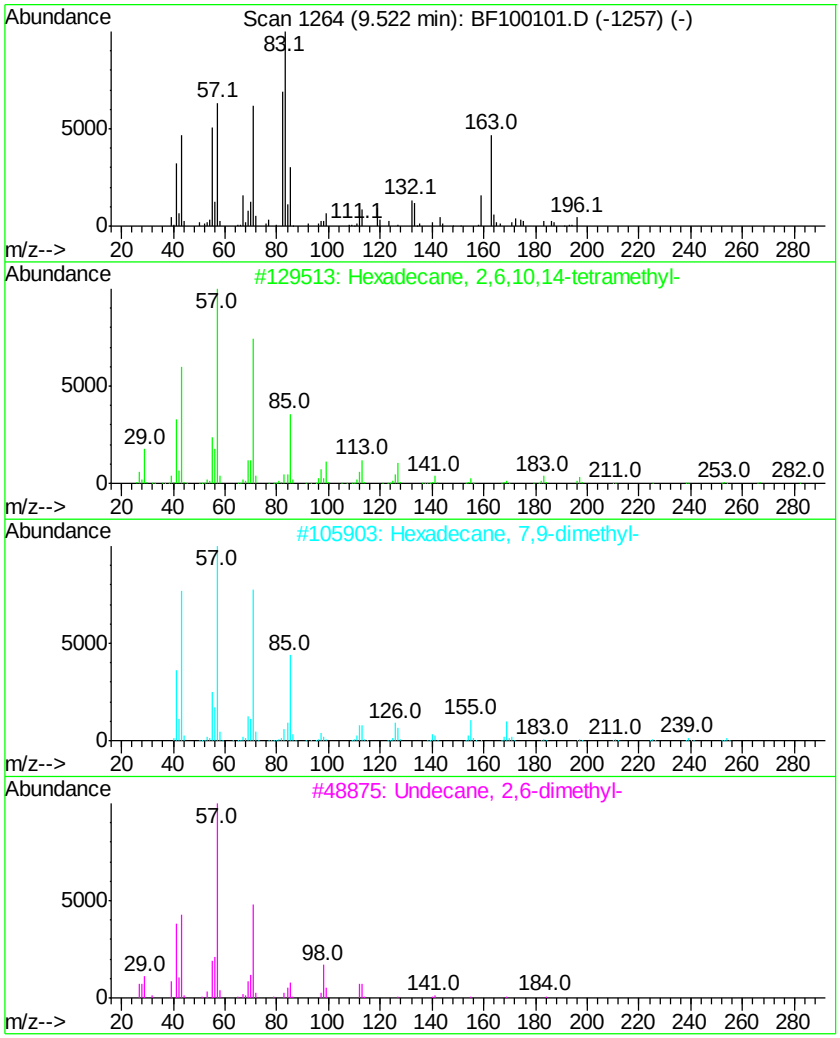
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

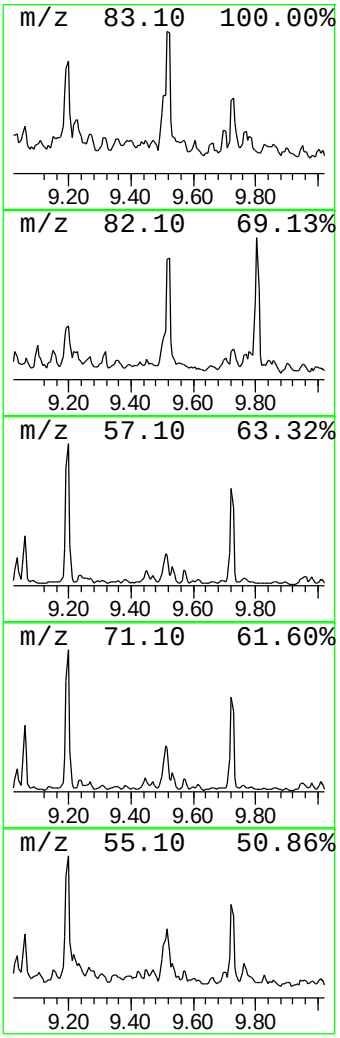
****

Peak Number 11 Hexadecane, 2,6,10,14-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	14.10 ng	443591	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
2	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	53
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	47
5	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	47





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100101.D
Acq On : 2 Nov 2017 22:38
Operator : SJ/JU
Sample : I6252-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-103117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

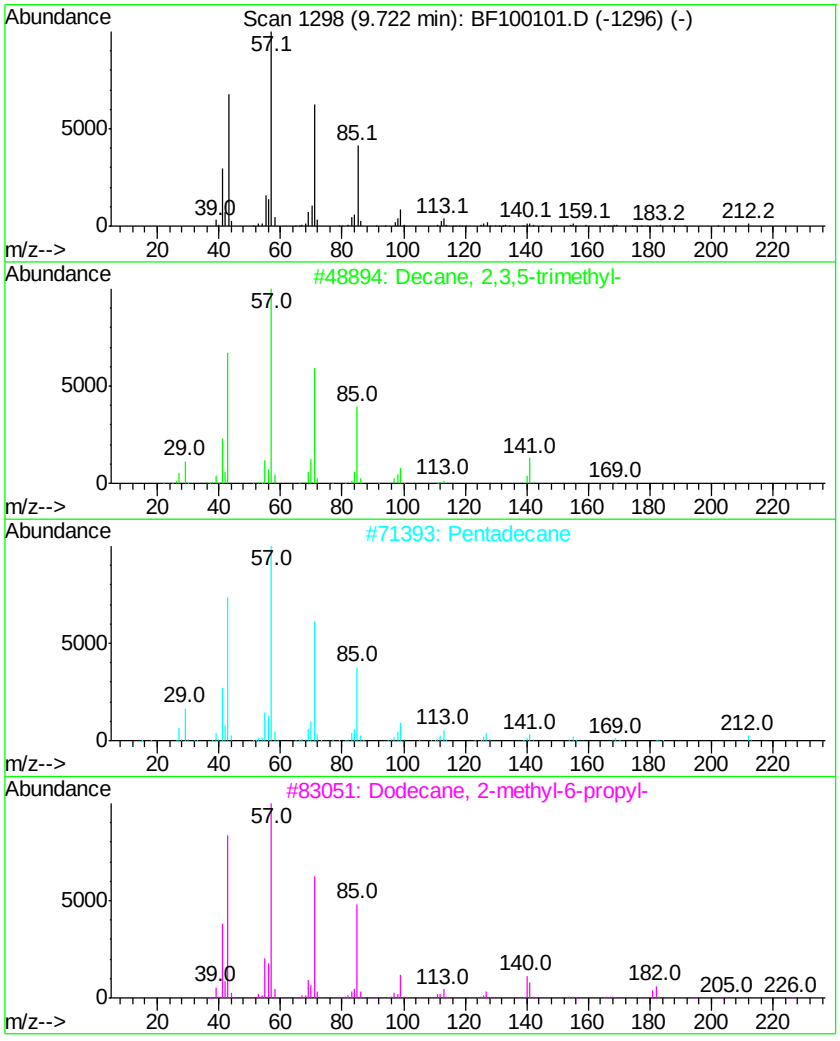
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

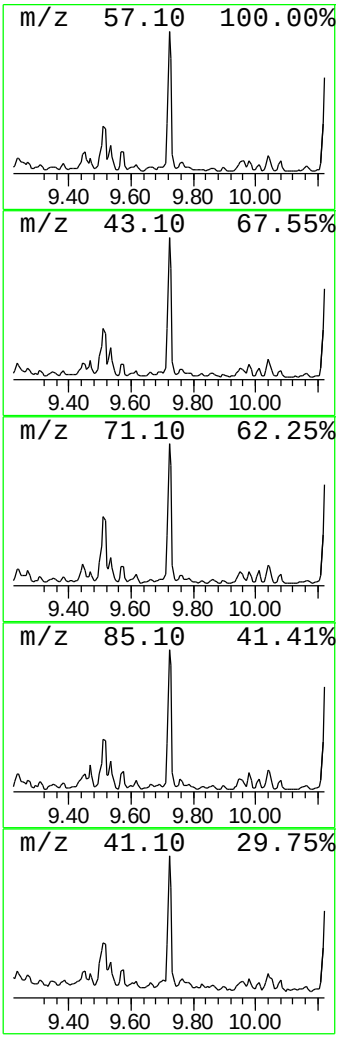
****

Peak Number 12 Decane, 2,3,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	19.95 ng	627823	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
2	Pentadecane	212	C15H32	000629-62-9	83
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4	9-methylheptadecane	254	C18H38	026741-18-4	78
5	Hexadecane	226	C16H34	000544-76-3	72





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100101.D
Acq On : 2 Nov 2017 22:38
Operator : SJ/JU
Sample : I6252-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-103117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

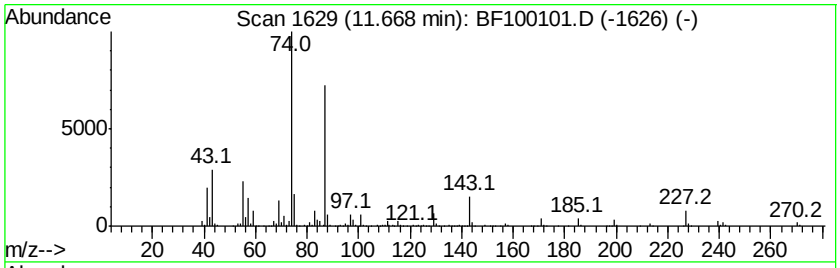
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

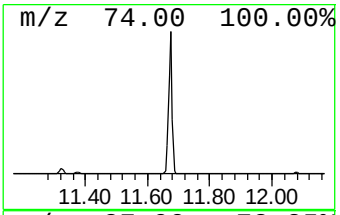
****

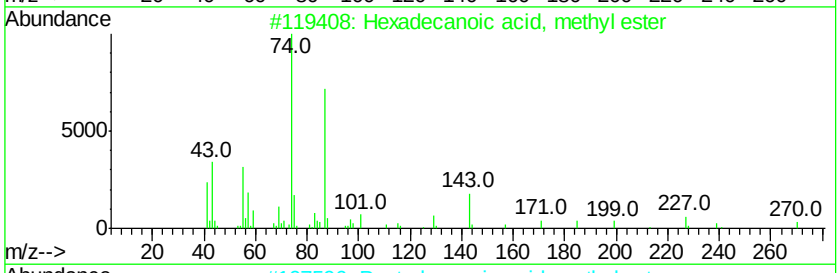
Peak Number 15 Hexadecanoic acid, methyl e... Concentration Rank 3

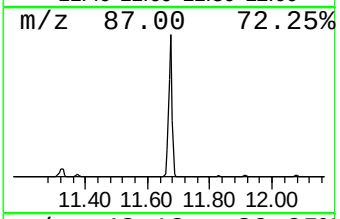
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	46.50 ng	1510760	Phenanthrene-d10	11.30

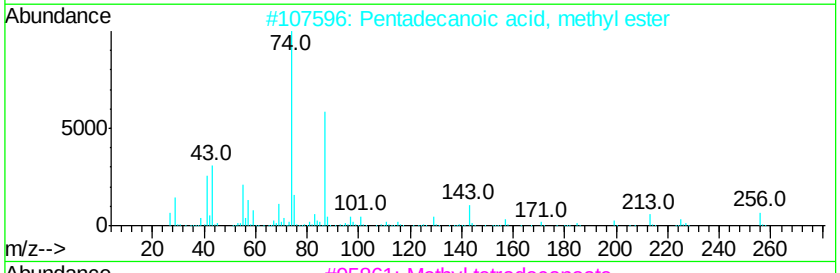
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	80
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80

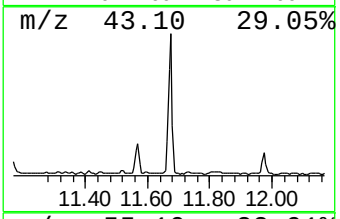


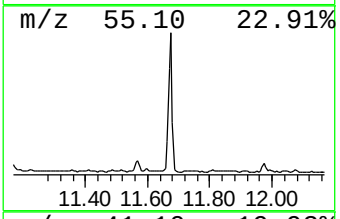


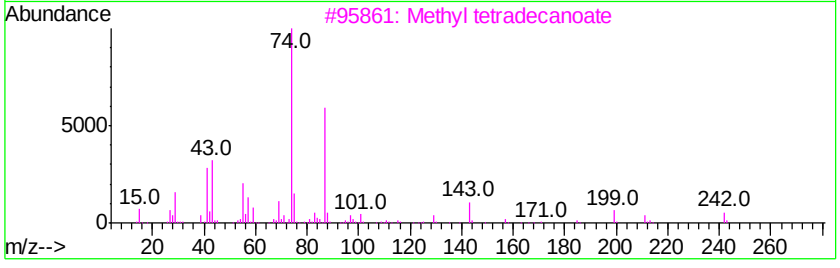


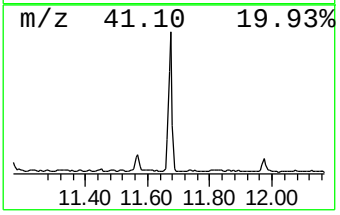












Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100101.D
Acq On : 2 Nov 2017 22:38
Operator : SJ/JU
Sample : I6252-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-103117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

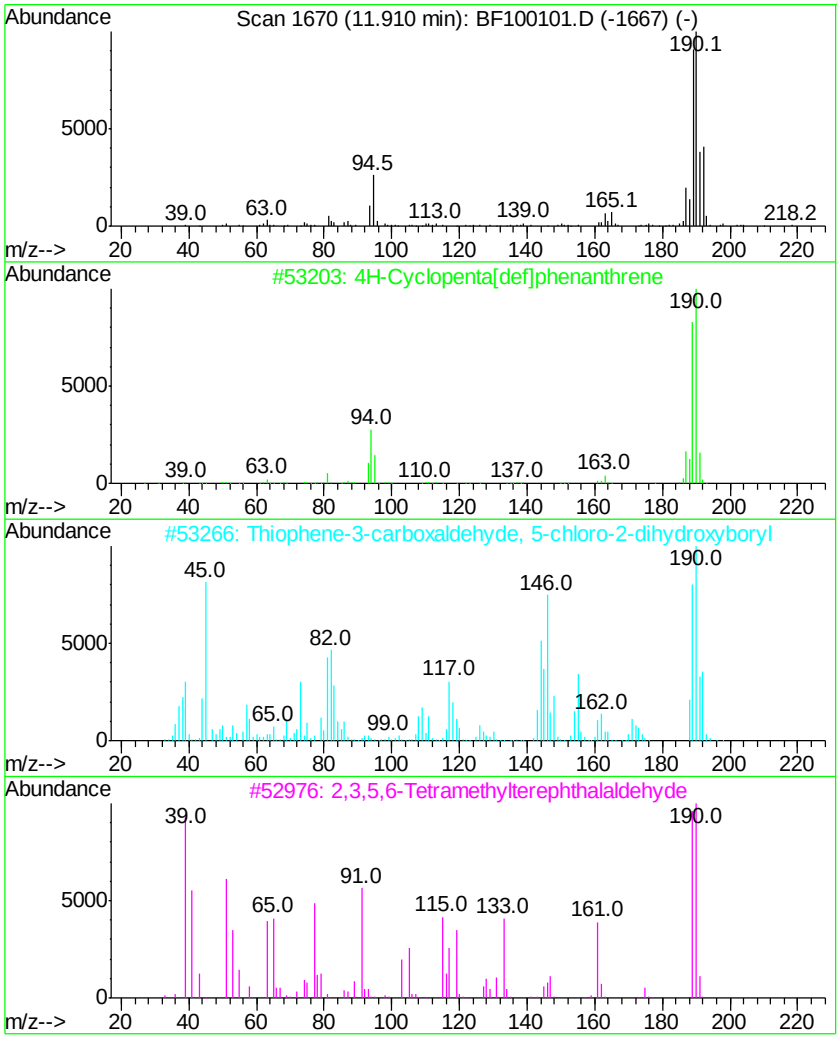
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

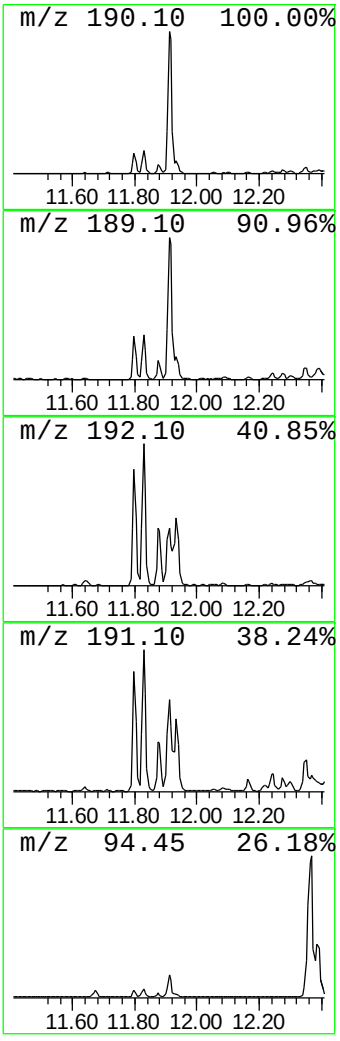
****

Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	13.70 ng	445060	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100101.D
Acq On : 2 Nov 2017 22:38
Operator : SJ/JU
Sample : I6252-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-103117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

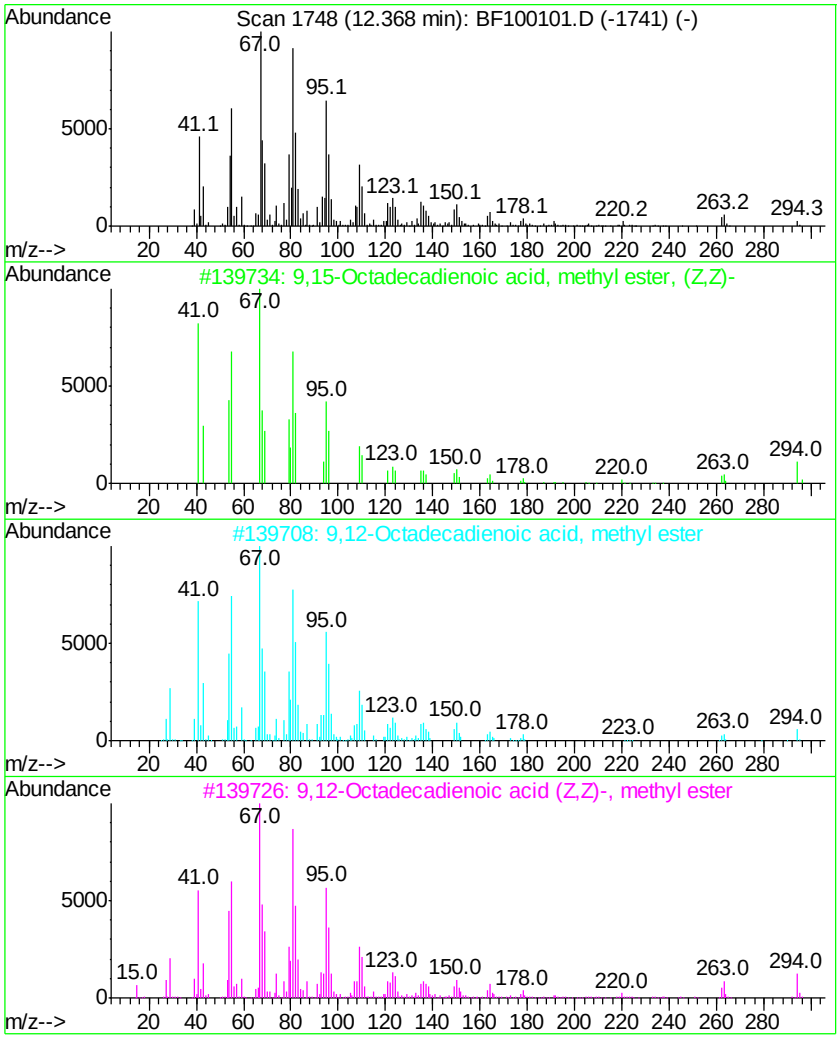
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

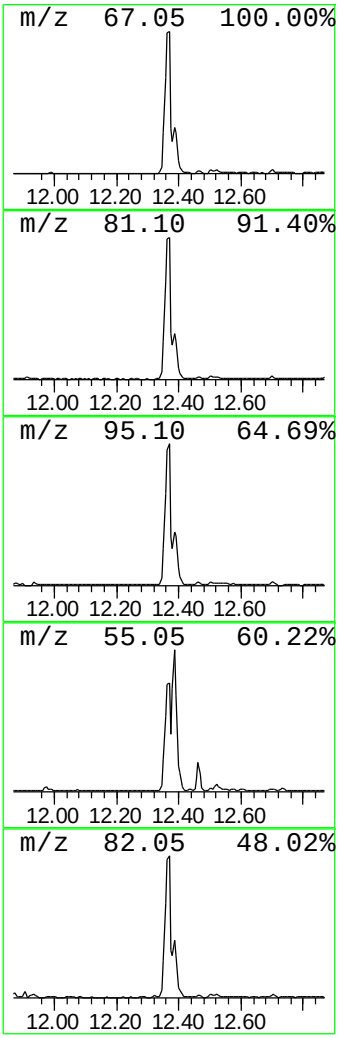
****

Peak Number 17 9,15-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	108.71 ng	3532280	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100101.D
Acq On : 2 Nov 2017 22:38
Operator : SJ/JU
Sample : I6252-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-103117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

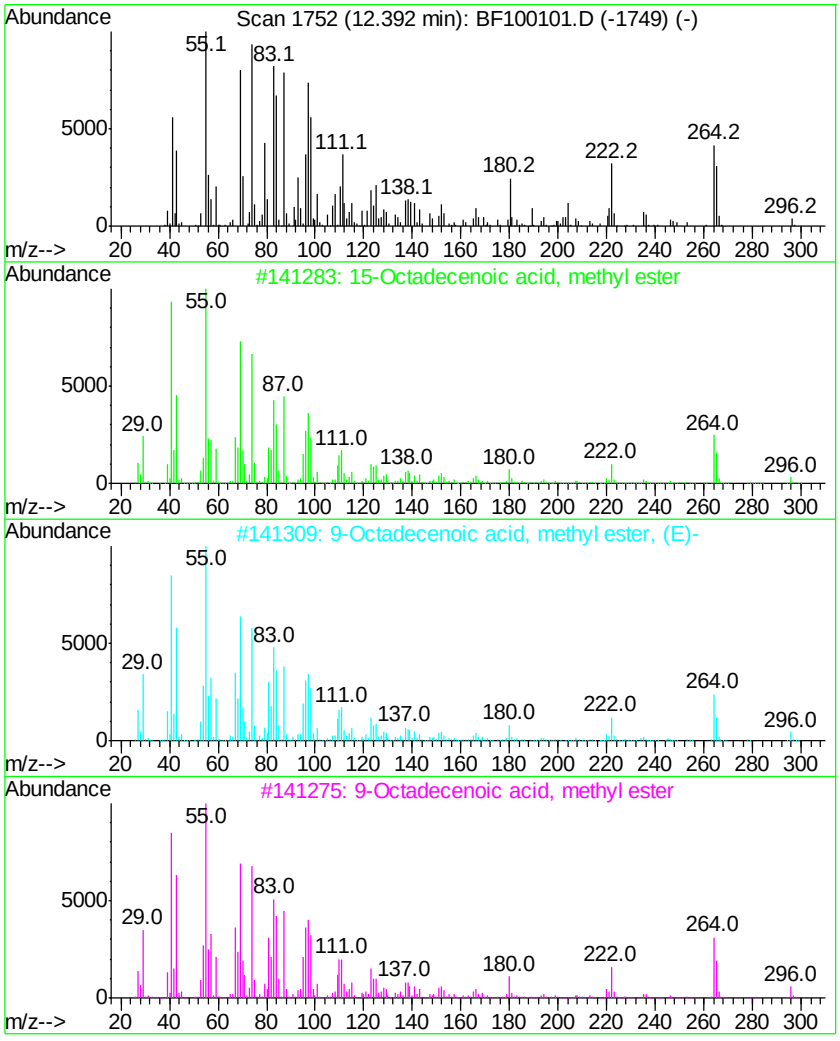
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

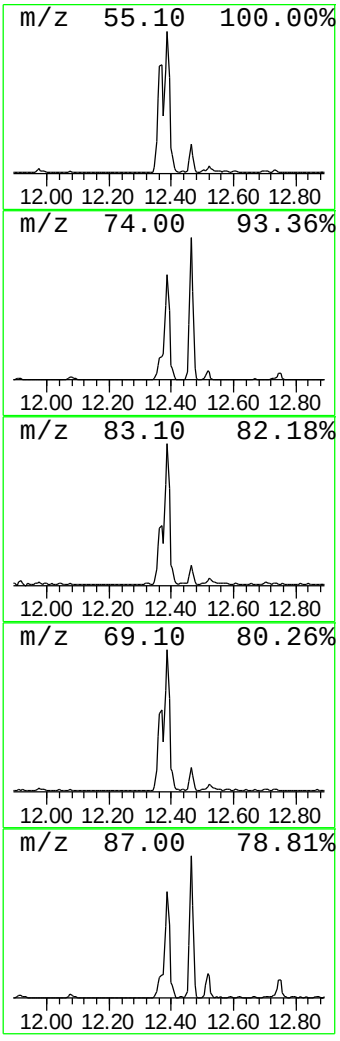
****

Peak Number 18 15-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	87.26 ng	2835360	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	95
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	94
3	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	93
4	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	93
5	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	91





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100101.D
Acq On : 2 Nov 2017 22:38
Operator : SJ/JU
Sample : I6252-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-103117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

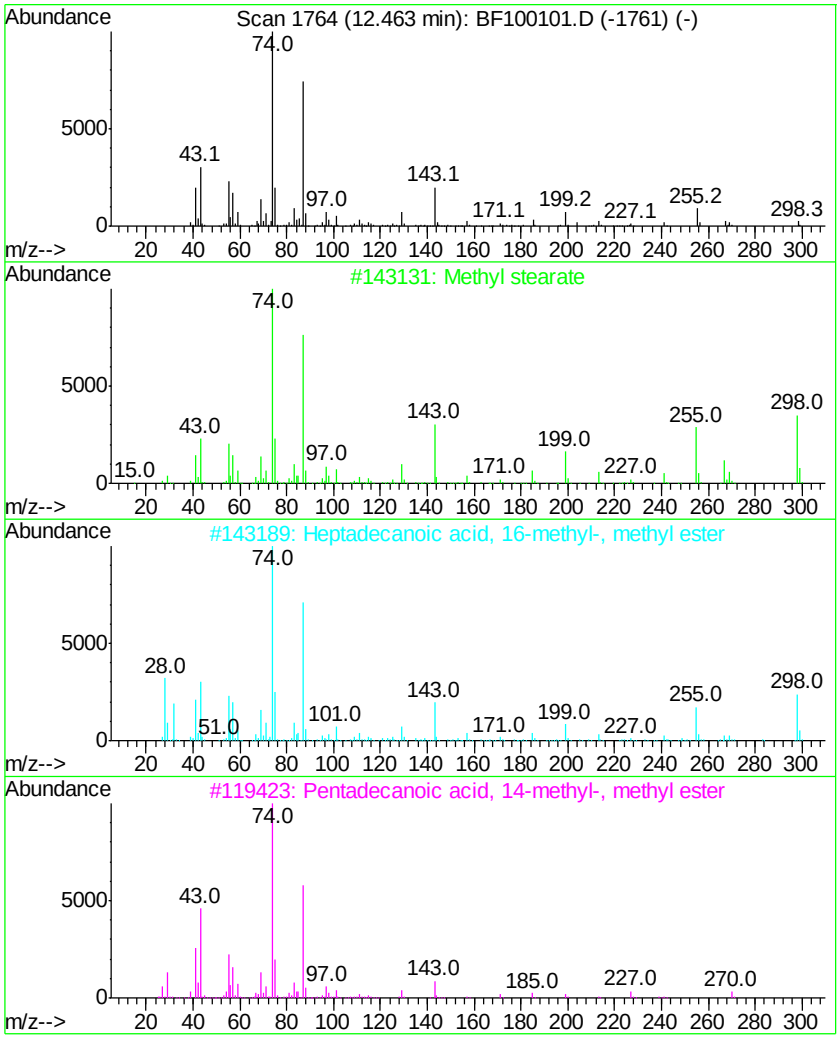
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

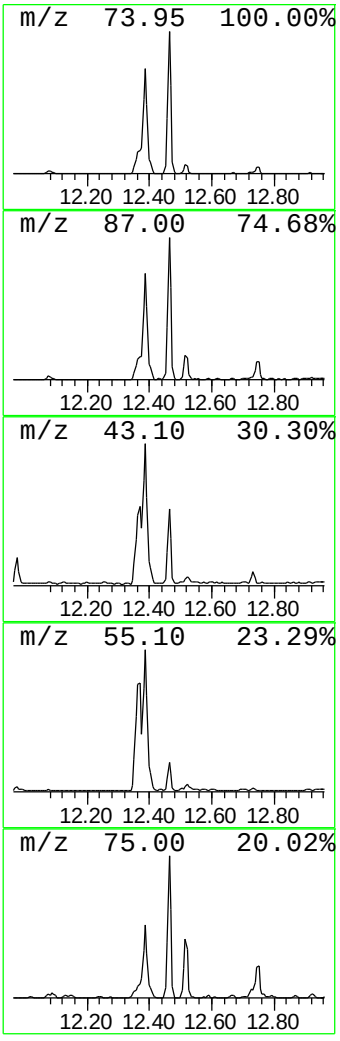
****

Peak Number 19 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	20.59 ng	668992	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	96
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	90
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100101.D
Acq On : 2 Nov 2017 22:38
Operator : SJ/JU
Sample : I6252-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-103117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

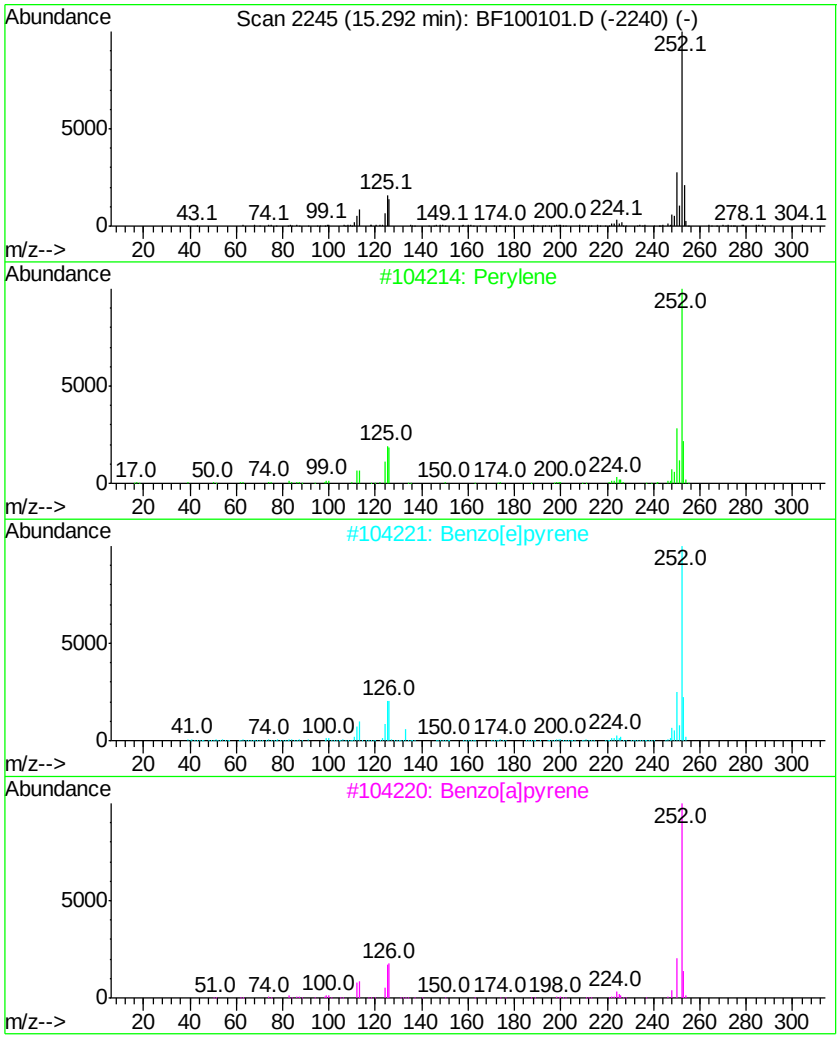
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

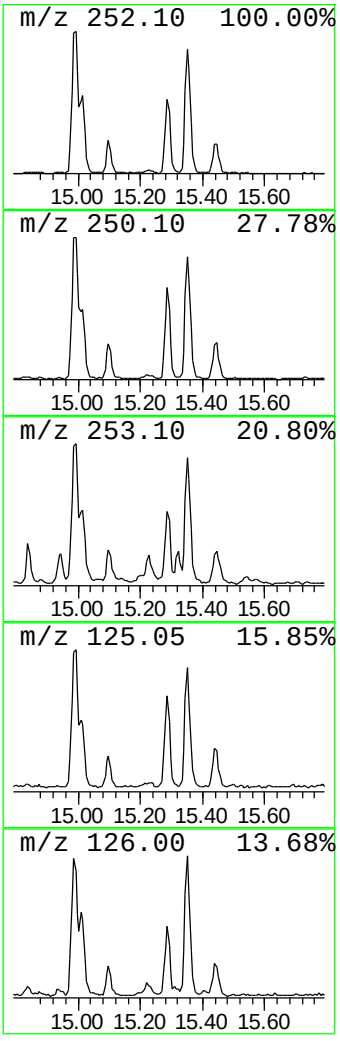
****

Peak Number 20 Perylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	13.43 ng	285158	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	99
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF110217\
Data File : BF100101.D
Acq On : 2 Nov 2017 22:38
Operator : SJ/JU
Sample : I6252-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-103117

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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
Hexadecane	6.59	26.6	ng	786508	1	6.77	591545	20.0
Benzene, 1-methyl...	7.03	9.7	ng	286940	1	6.77	591545	20.0
2,6-Dimethyldecane	7.09	11.0	ng	325745	1	6.77	591545	20.0
Octane, 3-ethyl-2...	7.14	10.4	ng	306054	1	6.77	591545	20.0
unknown7.79	7.79	13.8	ng	476660	2	8.05	690568	20.0
Cyclohexane, (4-m...	8.33	13.0	ng	448124	2	8.05	690568	20.0
Dodecane, 2,6,11-...	8.46	13.6	ng	468877	2	8.05	690568	20.0
Tridecane	8.63	33.9	ng	1170260	2	8.05	690568	20.0
Naphthalene, 1-me...	8.86	12.3	ng	423868	2	8.05	690568	20.0
Dodecane, 2,7,10-...	9.06	9.8	ng	310020	3	9.80	629391	20.0
Hexadecane, 2,6,1...	9.52	14.1	ng	443591	3	9.80	629391	20.0
Decane, 2,3,5-tri...	9.72	19.9	ng	627823	3	9.80	629391	20.0
Hexadecanoic acid...	11.67	46.5	ng	1510760	4	11.30	649839	20.0
4H-Cyclopenta[def...	11.91	13.7	ng	445060	4	11.30	649839	20.0
9,15-Octadecadien...	12.37	108.7	ng	3532280	4	11.30	649839	20.0
15-Octadecenoic a...	12.39	87.3	ng	2835360	4	11.30	649839	20.0
Methyl stearate	12.46	20.6	ng	668992	4	11.30	649839	20.0
Perylene	15.29	13.4	ng	285158	6	15.41	424776	20.0