LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106821.D
Acq On : 26 Jun 2018 14:35
Operator : JU/SJ
Sample : J3241-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-062218-A

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-BF061918.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	5.595	550	554	566	rVB	417585	374578	29.12%	1.711%
2	6.595	721	724	728	rBV	448525	389093	30.25%	1.777%
3	6.731	744	747	752	rVB	452436	414542	32.23%	1.894%
4	6.778	752	755	759	rBV	90630	79869	6.21%	0.365%
5	6.960	782	786	789	rVV	371207	320954	24.96%	1.466%
6	7.113	809	812	817	rVB	387820	338425	26.31%	1.546%
7	7.219	825	830	833	rBV3	56571	66460	5.17%	0.304%
8	7.278	836	840	845	rVB3	43671	54285	4.22%	0.248%
9	7.484	869	875	878	rBV3	77153	97840	7.61%	0.447%
10	7.519	878	881	883	rBV	301637	285237	22.18%	1.303%
11	7.537	883	884	889	rVB	263546	164890	12.82%	0.753%
12	7.595	889	894	897	rBV4	66579	95182	7.40%	0.435%
13	7.642	897	902	907	rBV4	41847	76325	5.93%	0.349%
14	7.760	918	922	927	rVB3	71700	97157	7.55%	0.444%
15	7.848	934	937	939	rVV3	69995	56062	4.36%	0.256%
16	7.878	939	942	945	rVV2	76380	87550	6.81%	0.400%
17	7.936	949	952	956	rBV3	44690	47386	3.68%	0.216%
18	7.972	956	958	961	rBV2	110365	91045	7.08%	0.416%
19	8.048	968	971	974	rVB3	40511	42787	3.33%	0.195%
20	8.101	978	980	983	rVB2	54679	46780	3.64%	0.214%
21	8.207	995	998	1001	rVV	347686	315236	24.51%	1.440%
22	8.242	1001	1004	1006	rVV	431304	384452	29.89%	1.756%
23	8.260	1006	1007	1009	rVV	122975	100597	7.82%	0.460%
24	8.284	1009	1011	1014	rVB	238157	184782	14.37%	0.844%
25	8.319	1014	1017	1023	rBV4	66849	91222	7.09%	0.417%
26	8.436	1034	1037	1042	rVB3	63983	63349	4.93%	0.289%
27	8.519	1048	1051	1056	rVB4	142209	188260	14.64%	0.860%
28	8.566	1056	1059	1063	rBV4	59736	91615	7.12%	0.418%
29	8.601	1063	1065	1067	rVV	70684	62914	4.89%	0.287%
30	8.642	1070	1072	1075	rVV	236106	183466	14.27%	0.838%
31	8.672	1075	1077	1080	rVV3	49715	47692	3.71%	0.218%
32	8.742	1086	1089	1091	rBV2	87207	72371	5.63%	0.331%
33	8.813	1096	1101	1106	rVV	339261	348959	27.13%	1.594%
34	8.860	1106	1109	1112	rVV5	39899	68618	5.34%	0.313%

LSC Area Percent Report

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Acq On : 26 Jun 2018 14:35
Operator : JU/SJ
Sample : J3241-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-062218-A

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.907	1114	1117	1123	rVB3	73042	103278	8.03%	0.472%
36	8.954	1123	1125	1128	rBV	82432	62277	4.84%	0.284%
37	9.013	1132	1135	1137	rBV4	35542	45205	3.51%	0.206%
38	9.060	1140	1143	1147	rVV2	119061	116087	9.03%	0.530%
39	9.095	1147	1149	1151	rVV2	59715	46677	3.63%	0.213%
40	9.142	1154	1157	1160	rVB3	78071	89824	6.98%	0.410%
41	9.178	1160	1163	1166	rBV	105354	99156	7.71%	0.453%
42	9.242	1172	1174	1177	rVB	169137	130011	10.11%	0.594%
43	9.313	1182	1186	1190	rBV	563524	461779	35.91%	2.109%
44	9.383	1194	1198	1201	rBV	325250	325273	25.29%	1.486%
45	9.460	1209	1211	1214	rVB3	47423	44435	3.46%	0.203%
46	9.583	1227	1232	1236	rBV3	59449	98777	7.68%	0.451%
47	9.636	1236	1241	1242	rBV3	40454	63149	4.91%	0.288%
48	9.654	1242	1244	1247	rVV	80678	80937	6.29%	0.370%
49	9.701	1247	1252	1260	rVB4	244651	342350	26.62%	1.564%
50	9.860	1276	1279	1283	rBV3	52904	55078	4.28%	0.252%
51	9.913	1284	1288	1292	rVB	271152	247847	19.27%	1.132%
52	10.001	1300	1303	1306	rVV	383581	315170	24.51%	1.440%
53	10.036	1306	1309	1312	rVB	179749	162477	12.63%	0.742%
54	10.142	1324	1327	1330	rBV5	29147	50462	3.92%	0.231%
55	10.207	1334	1338	1340	rBV2	121981	131134	10.20%	0.599%
56	10.236	1340	1343	1347	rVB4	57103	77656	6.04%	0.355%
57	10.313	1353	1356	1359	rBV2	48184	57420	4.46%	0.262%
58	10.342	1359	1361	1367	rVB2	42033	45858	3.57%	0.209%
59	10.407	1368	1372	1376	rBV	218534	206132	16.03%	0.942%
60	10.548	1393	1396	1402	rVB	245244	234517	18.23%	1.071%
61	10.630	1406	1410	1413	rVV3	110319	128366	9.98%	0.586%
62	10.795	1434	1438	1441	rBV	293234	285213	22.18%	1.303%
63	10.883	1450	1453	1463	rVB	188668	282498	21.97%	1.290%
64	11.330	1526	1529	1532	rVV2	130700	114857	8.93%	0.525%
65	11.360	1532	1534	1537	rVV	63073	63669	4.95%	0.291%
66	11.389	1537	1539	1542	rVB	71299	56857	4.42%	0.260%
67	11.495	1553	1557	1559	rBV	377970	352288	27.39%	1.609%
68	11.524	1559	1562	1565	rVV	977395	885890	68.88%	4.047%
69	11.572	1565	1570	1573	rVV	404915	338826	26.35%	1.548%
70	11.724	1591	1596	1599	rBV	77734	97336	7.57%	0.445%
71	11.760	1599	1602	1604	rVB	107273	79369	6.17%	0.363%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3241-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-062218-A

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.866	1616	1620	1623	rVB	346551	301239	23.42%	1.376%
73	11.995	1639	1642	1644	rBV	123495	101440	7.89%	0.463%
74	12.024	1644	1647	1650	rVB	171869	143353	11.15%	0.655%
75	12.071	1652	1655	1658	rVB	77051	65847	5.12%	0.301%
76	12.113	1658	1662	1664	rBV2	254711	255403	19.86%	1.167%
77	12.171	1668	1672	1675	rBV	82902	87252	6.78%	0.399%
78	12.289	1689	1692	1695	rBV	102901	81211	6.31%	0.371%
79	12.319	1695	1697	1703	rVB2	47074	51475	4.00%	0.235%
80	12.560	1733	1738	1739	rBV2	1169358	1245840	96.87%	5.691%
81	12.577	1739	1741	1748	rVB2	997145	925411	71.95%	4.227%
82	12.660	1752	1755	1760	rVB	225938	212816	16.55%	0.972%
83	12.719	1761	1765	1768	rVV	1135862	1139864	88.63%	5.207%
84	12.954	1797	1805	1809	rBV2	964743	1286107	100.00%	5.875%
85	12.989	1809	1811	1817	rBV2	52569	56176	4.37%	0.257%
86	13.077	1821	1826	1829	rVV2	510621	475647	36.98%	2.173%
87	13.154	1836	1839	1844	rBV2	61074	105851	8.23%	0.484%
88	13.271	1852	1859	1864	rBV2	199395	321945	25.03%	1.471%
89	13.336	1867	1870	1873	rVB	183350	154679	12.03%	0.707%
90	13.377	1873	1877	1880	rBV3	109102	144103	11.20%	0.658%
91	13.501	1896	1898	1900	rBV	57679	48480	3.77%	0.221%
92	13.924	1968	1970	1972	rBV	79197	64255	5.00%	0.294%
93	13.960	1973	1976	1979	rVB2	99869	131308	10.21%	0.600%
94	14.154	2004	2009	2012	rBV2	581437	882467	68.62%	4.031%
95	14.183	2012	2014	2021	rVB	501864	476928	37.08%	2.179%
96	14.265	2025	2028	2030	rBV	137966	117996	9.17%	0.539%
97	15.254	2192	2196	2199	rBV	288306	427216	33.22%	1.951%
98	15.577	2248	2251	2258	rVB	179148	245681	19.10%	1.122%
99	15.648	2259	2263	2267	rVB	288238	375106	29.17%	1.713%
100	15.712	2272	2274	2277	rVB	157169	159098	12.37%	0.727%

Sum of corrected areas: 21892309

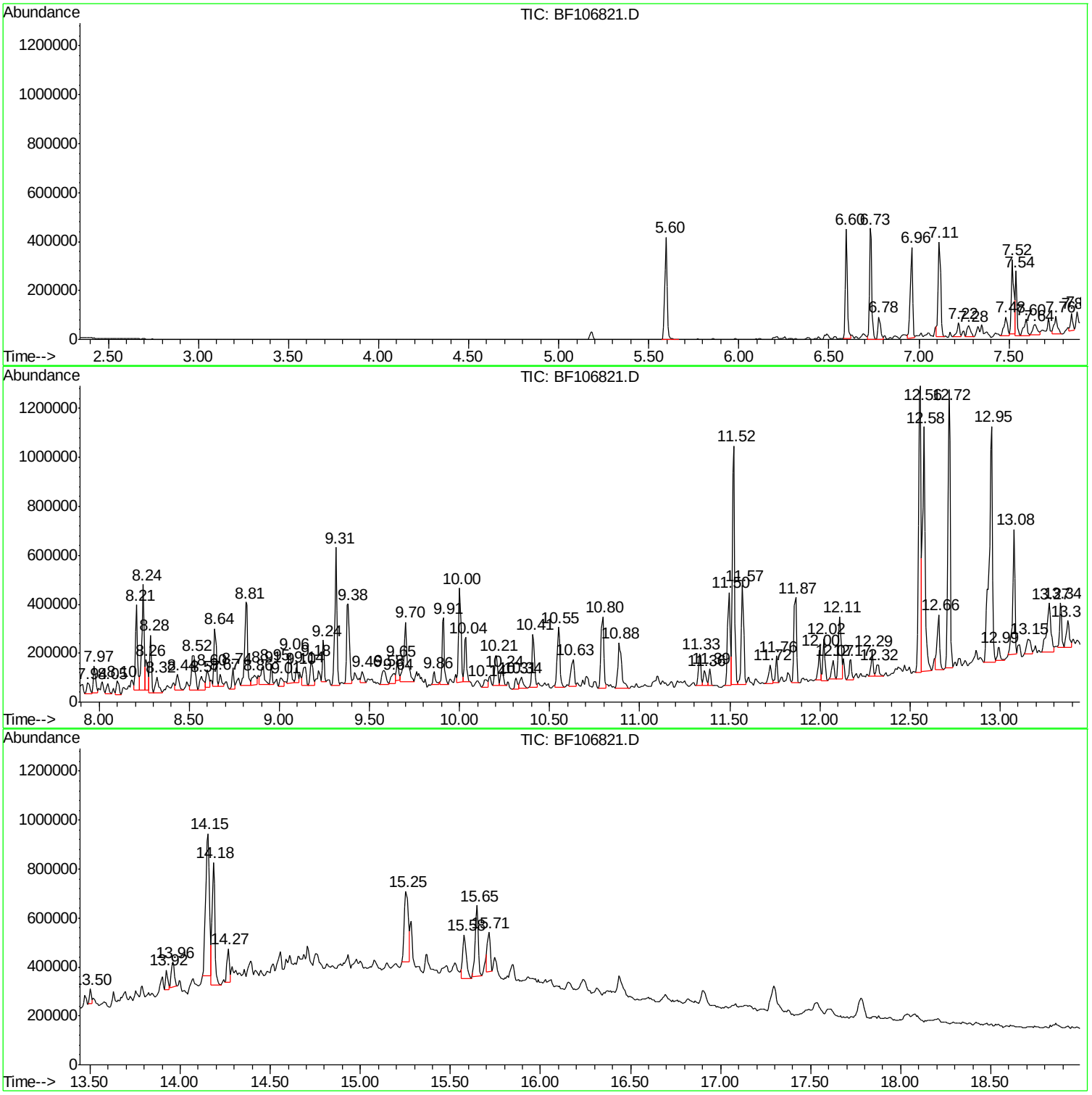
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106821.D
Acq On : 26 Jun 2018 14:35
Operator : JU/SJ
Sample : J3241-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-062218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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\BF062618\
Data File : BF106821.D
Acq On : 26 Jun 2018 14:35
Operator : JU/SJ
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-062218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

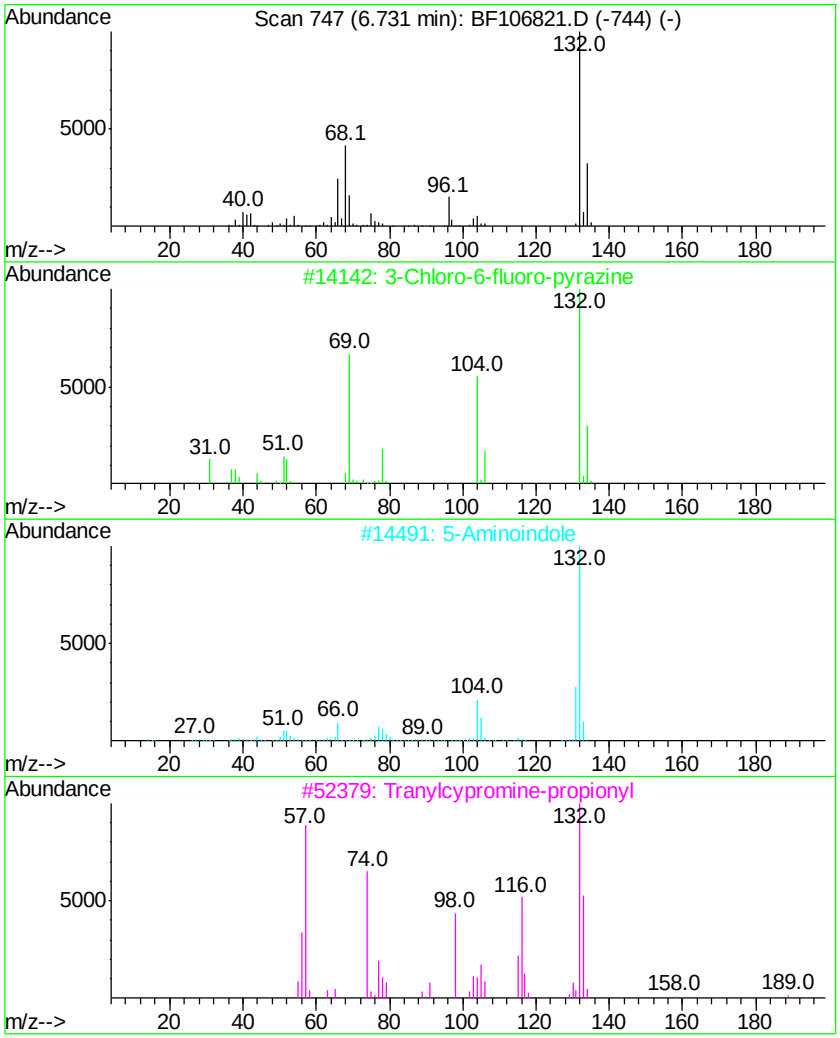
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

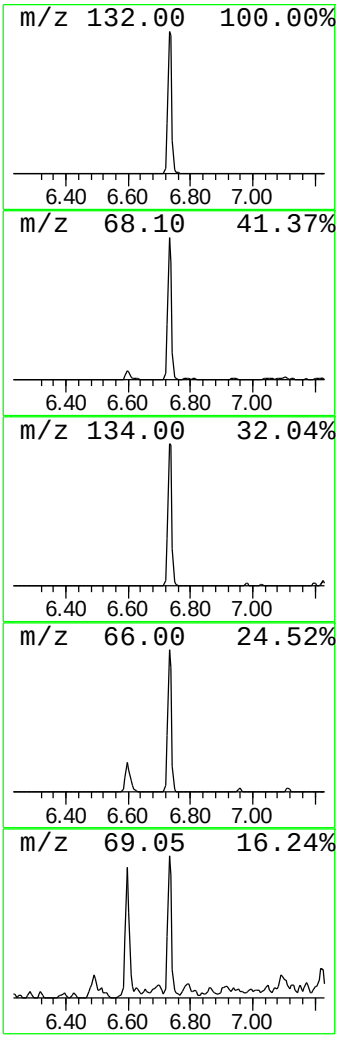
****

Peak Number 1 unknown6.73 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	25.83 ng	414542	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106821.D
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Sample : J3241-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-062218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

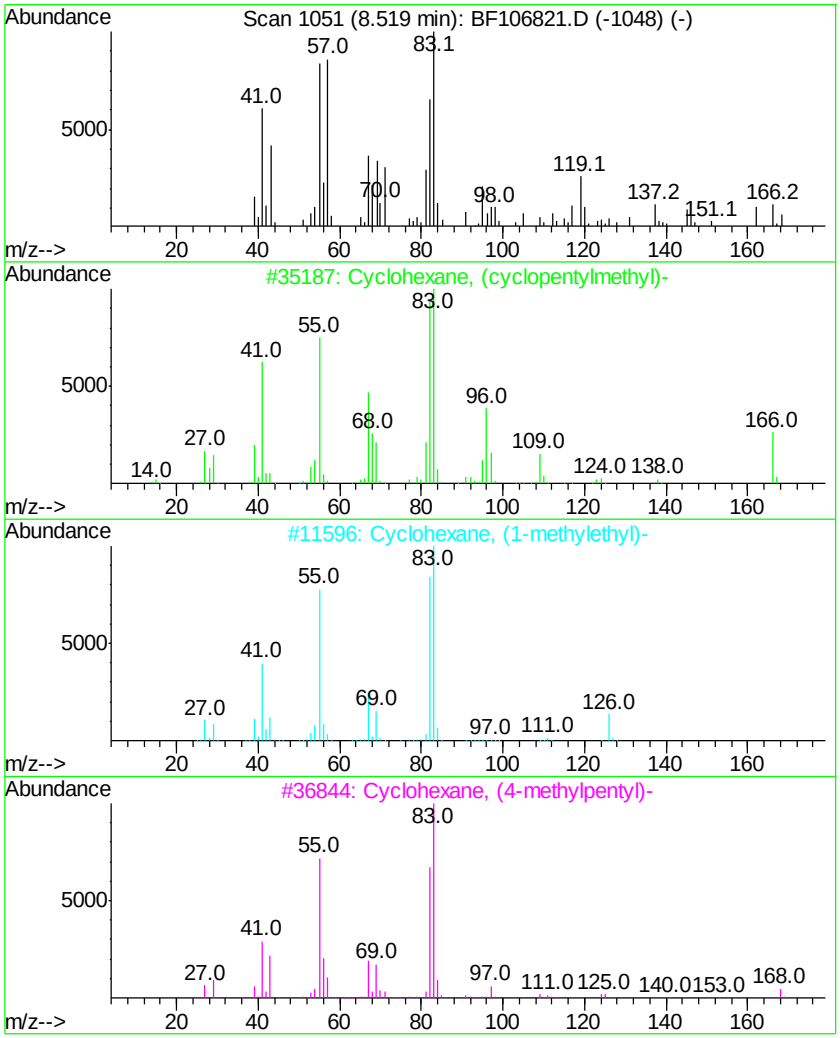
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

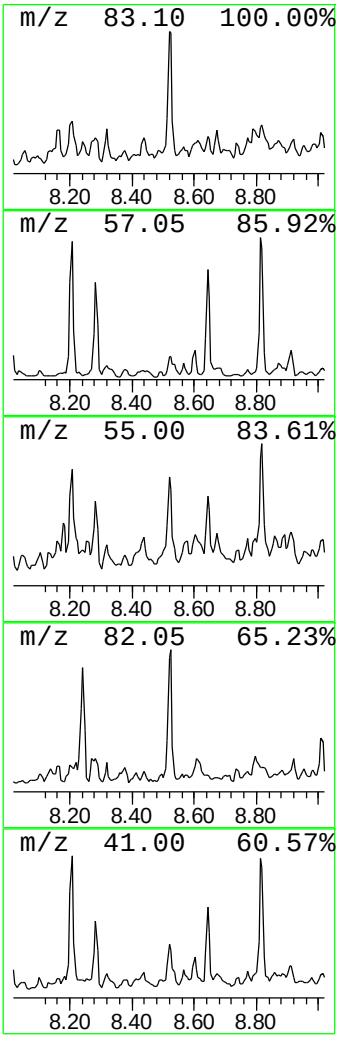
****

Peak Number 3 Cyclohexane, (cyclopentylme... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	9.79 ng	188260	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (cyclopentylmethyl)-	166	C12H22	004431-89-4	60
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46
3	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	46
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	43
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
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Instrument : BNA_F
ClientSampleId : HR-06-062218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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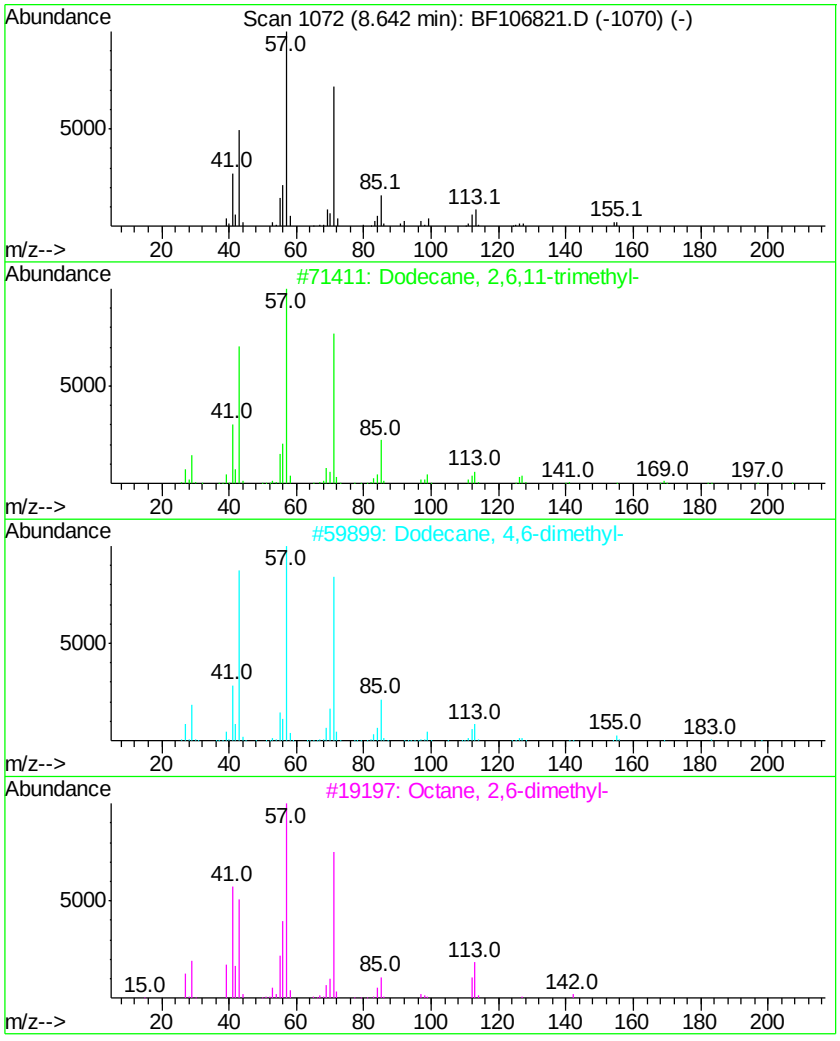
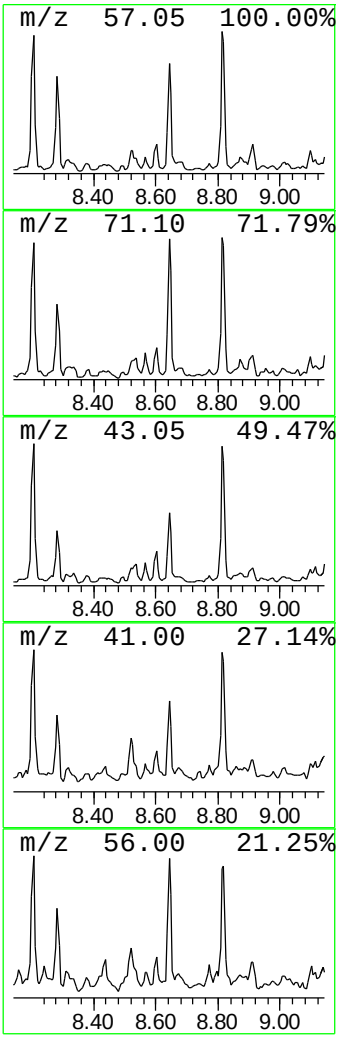
Peak Number 4 Dodecane, 2,6,11-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	9.54 ng	183466	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	59
5	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	59





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Operator : JU/SJ
Sample : J3241-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-062218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

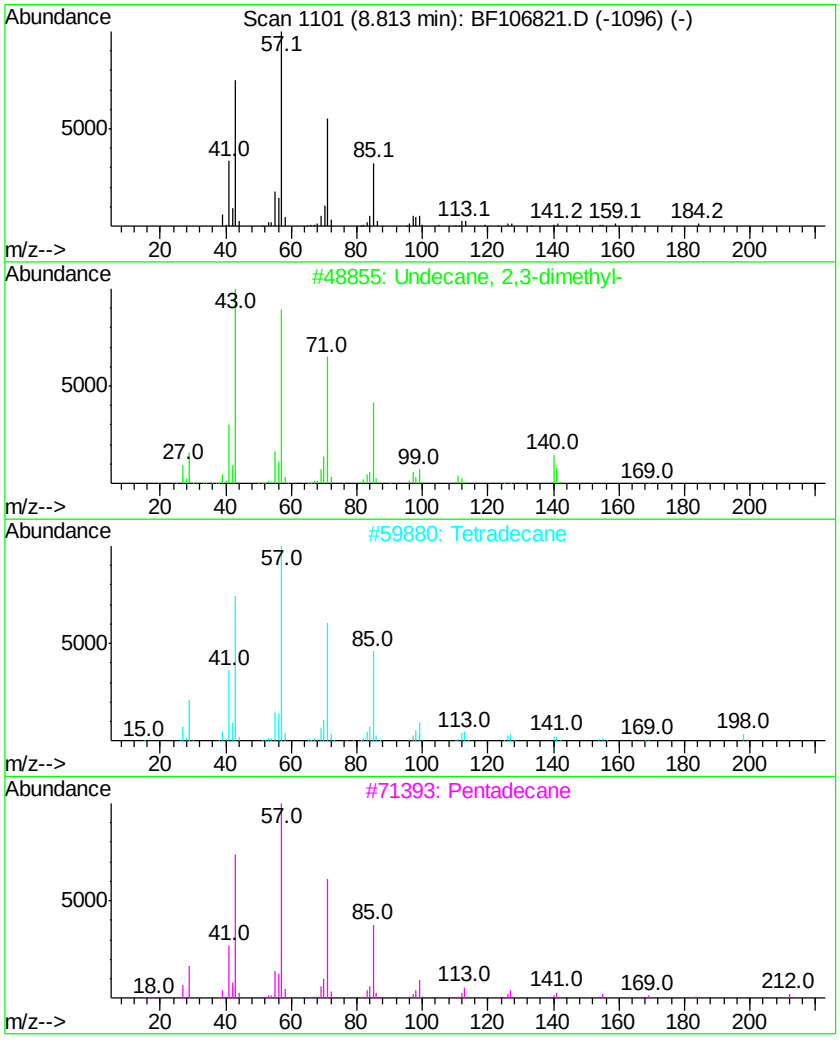
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

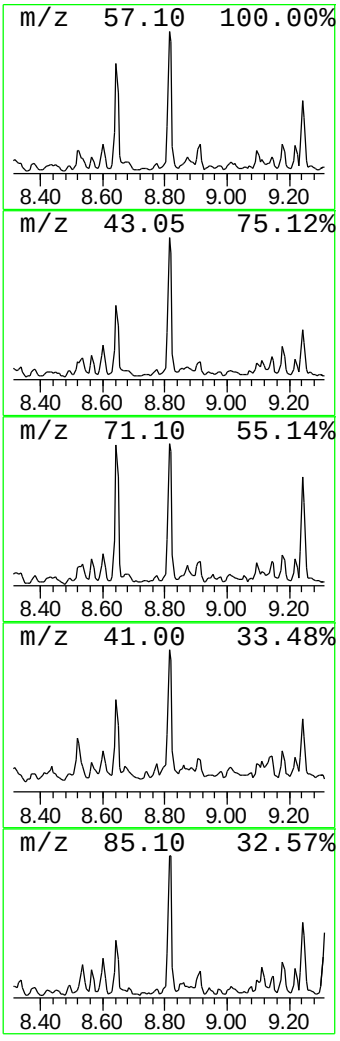
****

Peak Number 5 Undecane, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	18.15 ng	348959	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106821.D
Acq On : 26 Jun 2018 14:35
Operator : JU/SJ
Sample : J3241-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-062218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

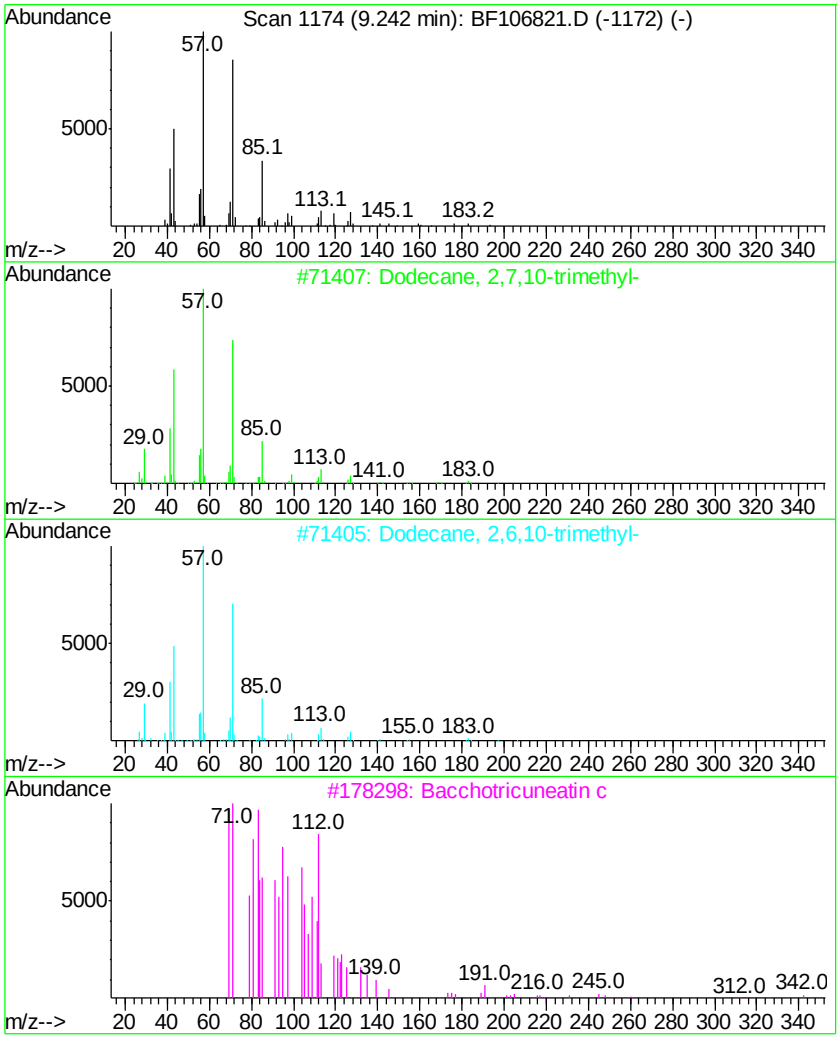
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

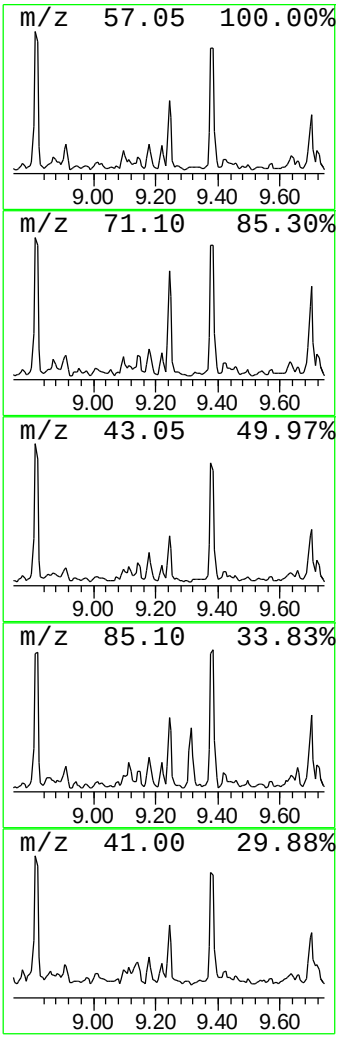
****

Peak Number 6 Dodecane, 2,7,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	8.25 ng	130011	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	80
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64





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Acq On : 26 Jun 2018 14:35
Operator : JU/SJ
Sample : J3241-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-062218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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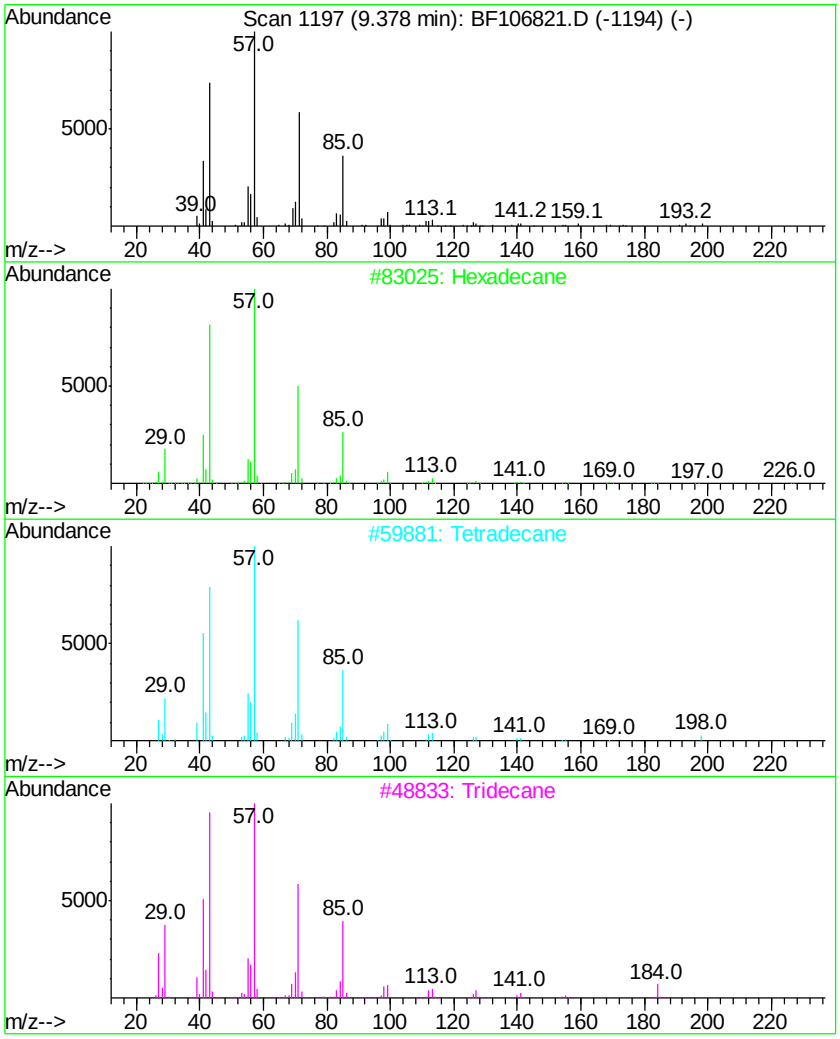
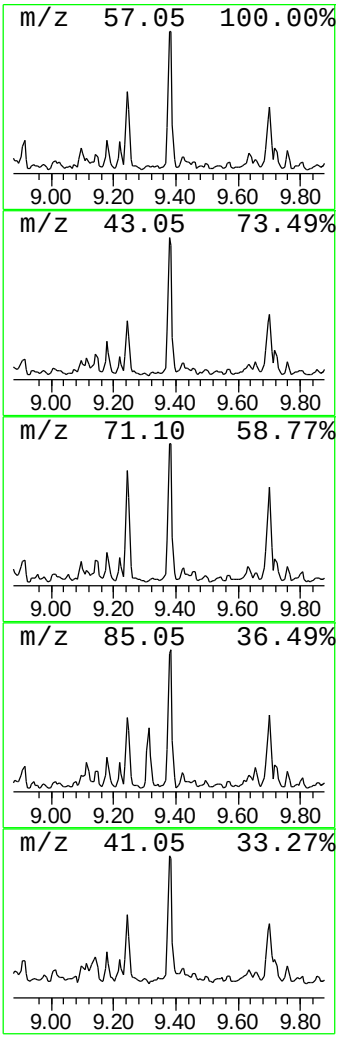
Peak Number 7 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	20.64 ng	325273	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Tridecane	184	C13H28	000629-50-5	80
4	9-methylheptadecane	254	C18H38	026741-18-4	78
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	76





Library Search Compound Report

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ClientSampleId : HR-06-062218-A

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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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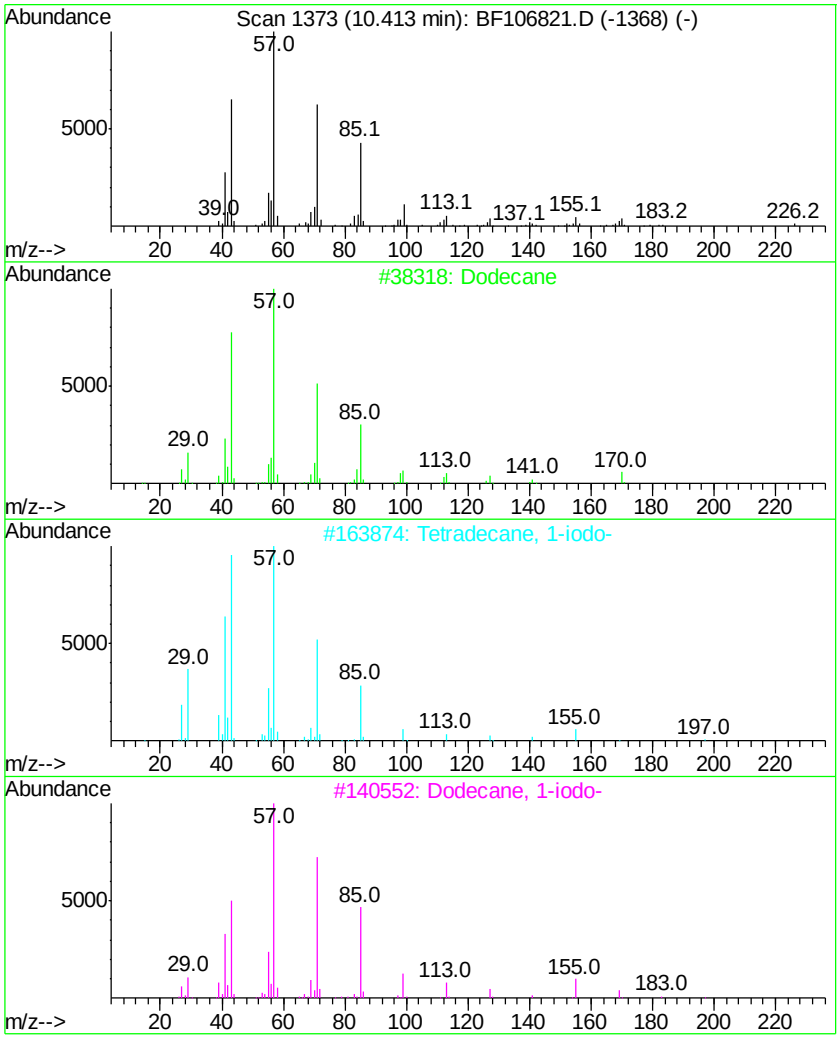
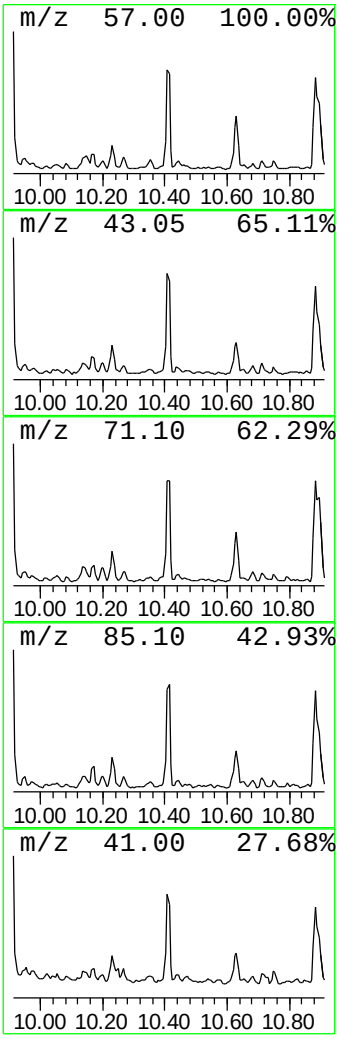
Peak Number 9 Dodecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	13.08 ng	206132	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5	Eicosane	282	C20H42	000112-95-8	58





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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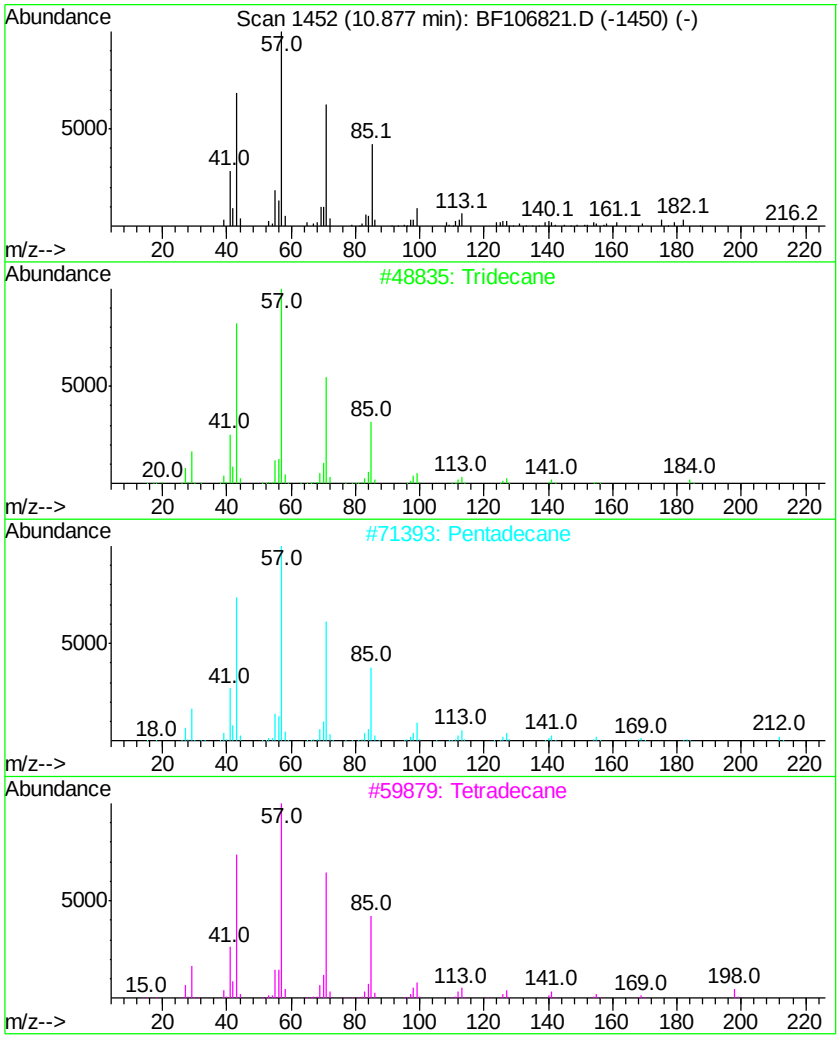
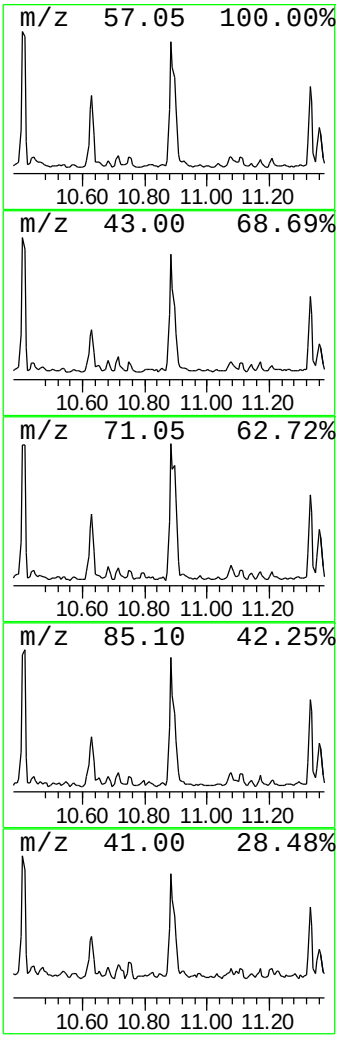
Peak Number 11 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	16.04 ng	282498	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Pentadecane	212	C15H32	000629-62-9	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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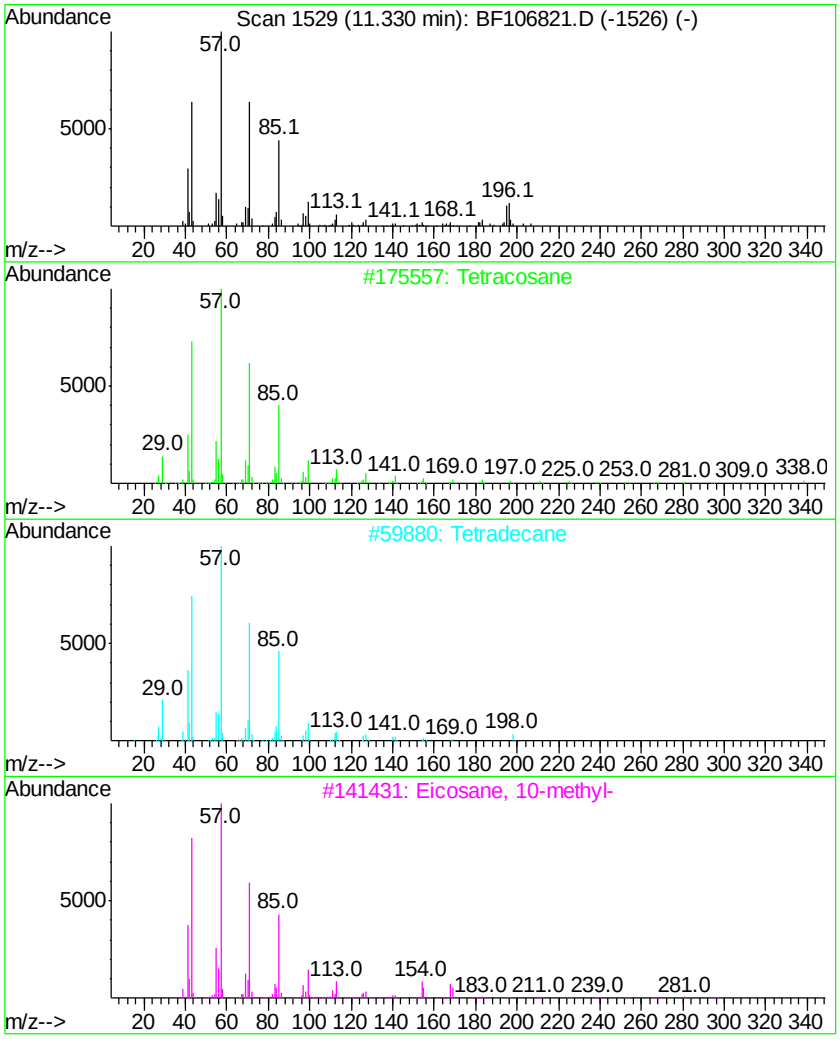
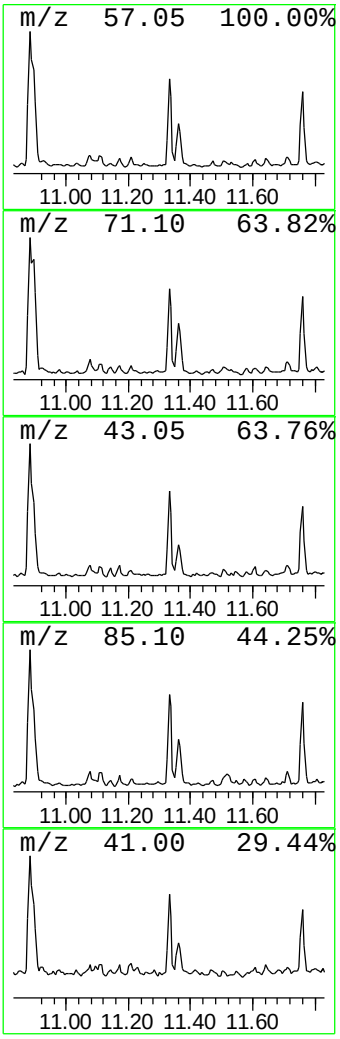
Peak Number 12 Tetracosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	6.52 ng	114857	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	72
2	Tetradecane	198	C14H30	000629-59-4	68
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64
4	Heneicosane	296	C21H44	000629-94-7	64
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64





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Misc :
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ClientSampleId : HR-06-062218-A

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TIC Integration Parameters: LSCINT.P

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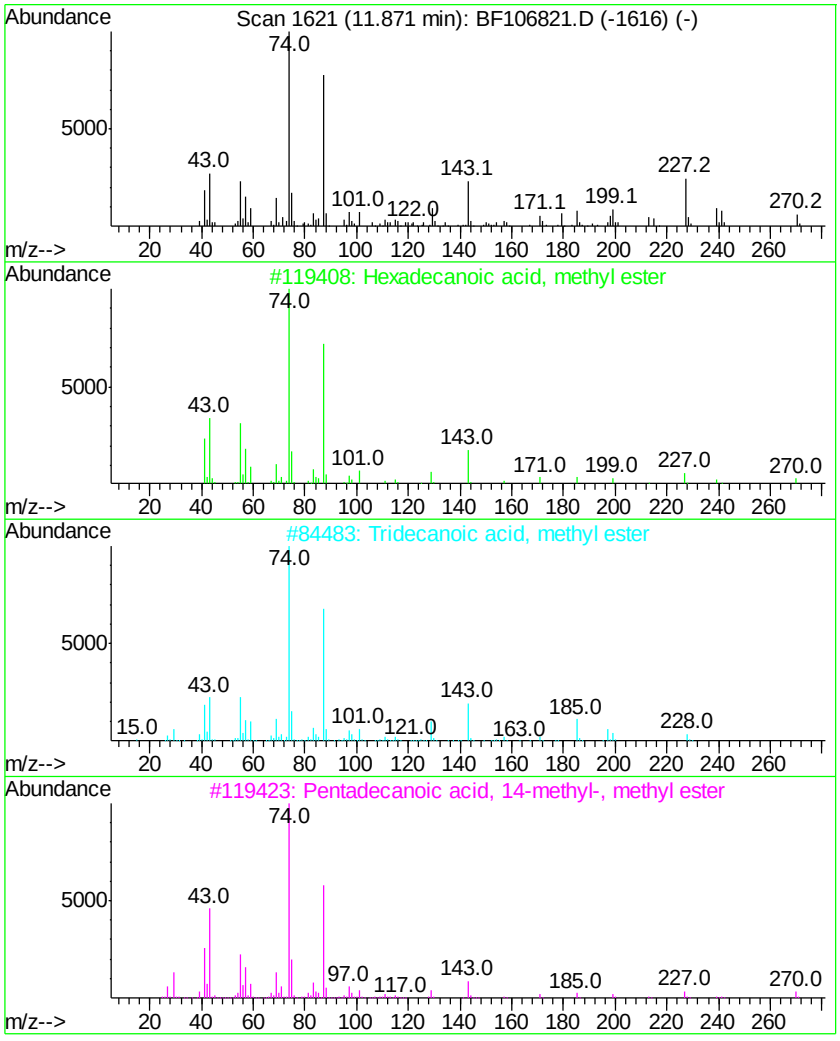
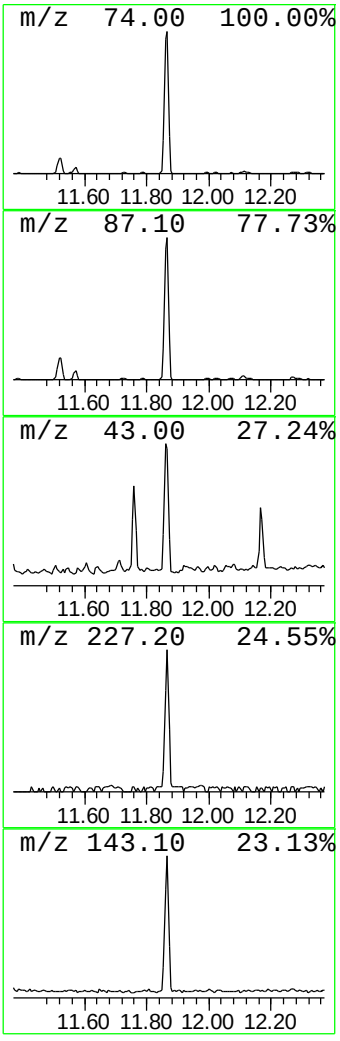
Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	17.10 ng	301239	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Methyl 8-methyl-nonanoate	186	C11H22O2	1000336-43-6	81





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ClientSampleId : HR-06-062218-A

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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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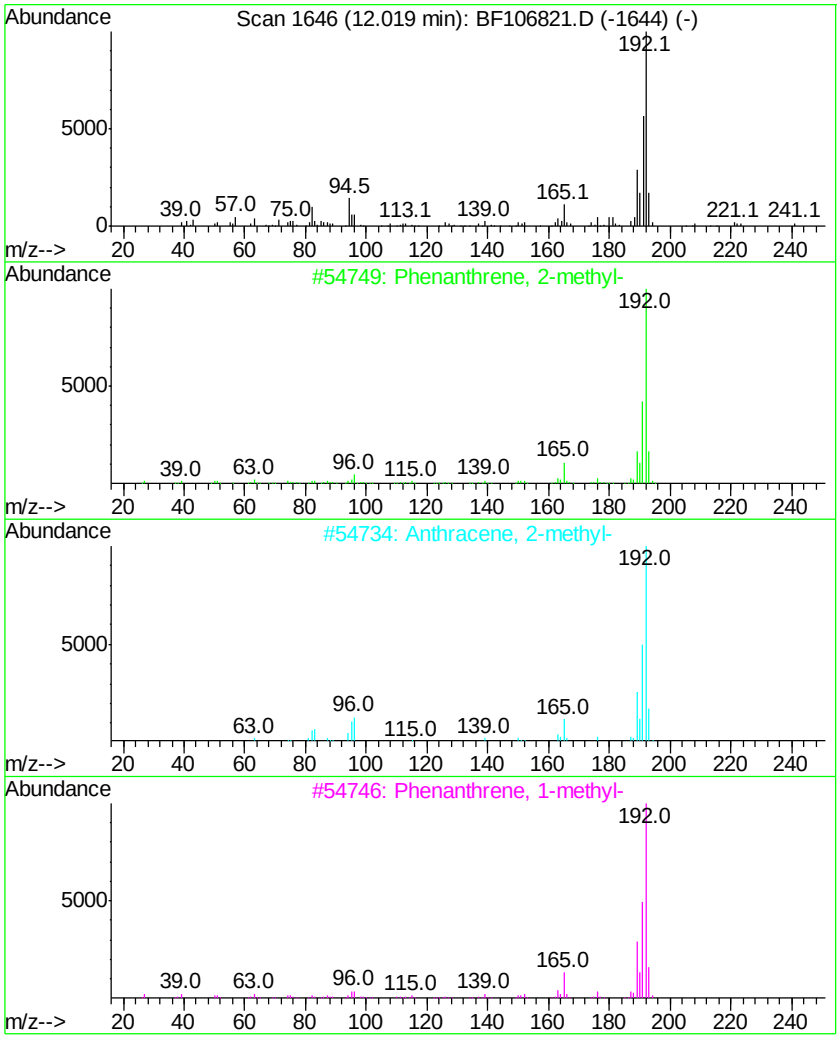
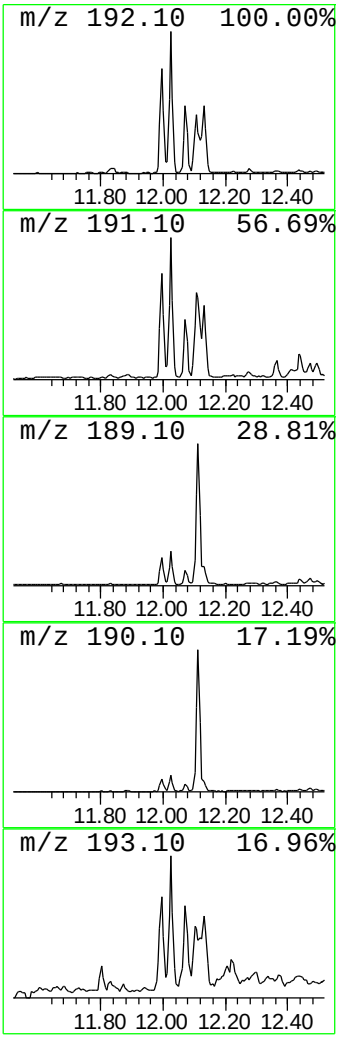
Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	8.14 ng	143353	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Library Search Compound Report

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Sample : J3241-13
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ClientSampleId : HR-06-062218-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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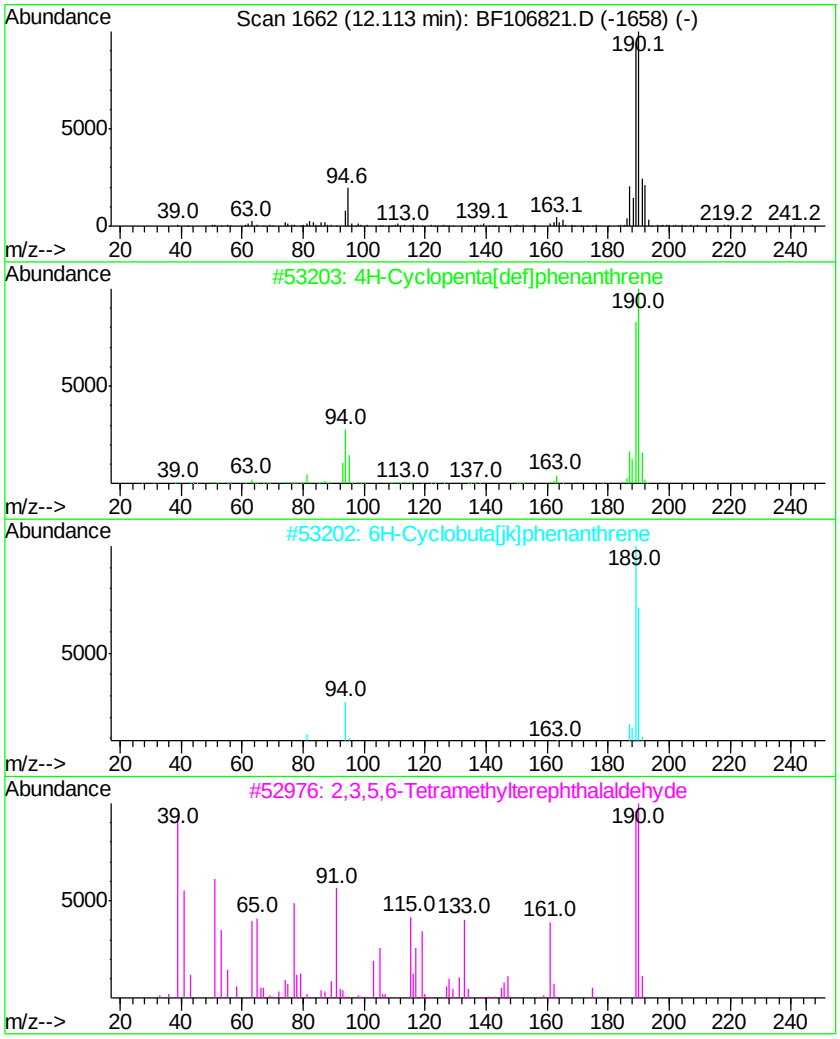
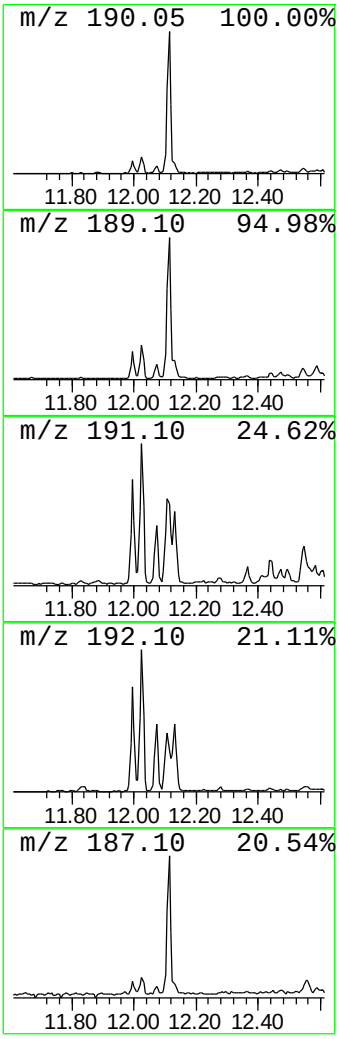
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	14.50 ng	255403	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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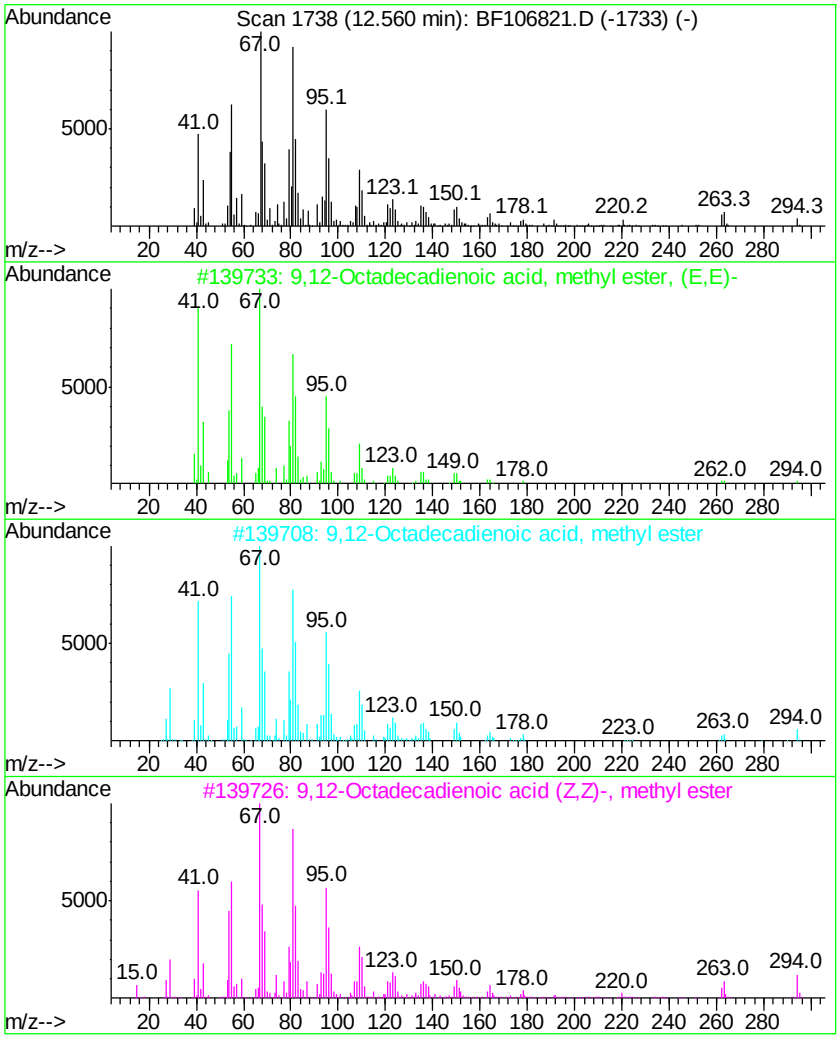
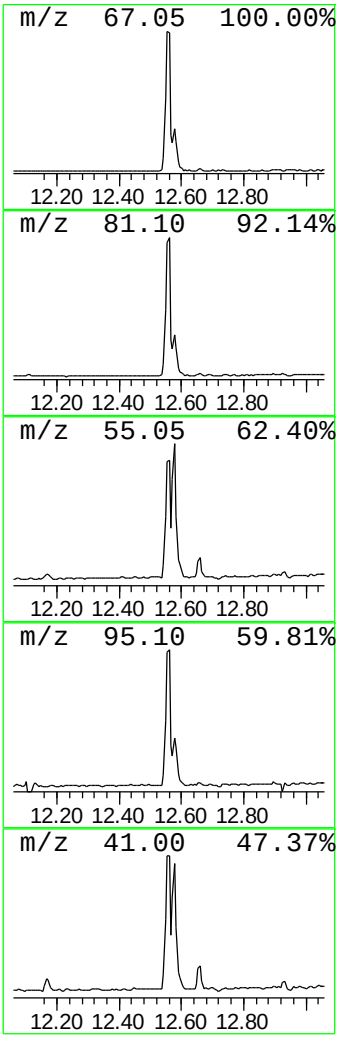
Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	70.73 ng	1245840	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	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	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99





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Misc :
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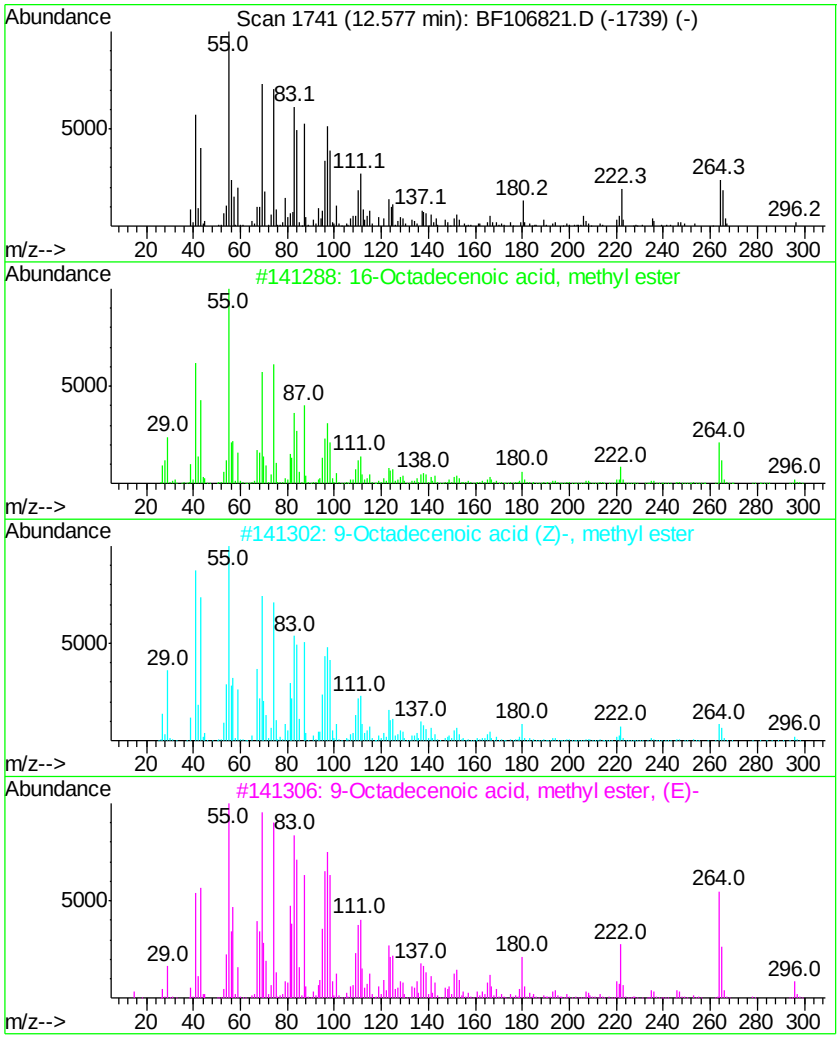
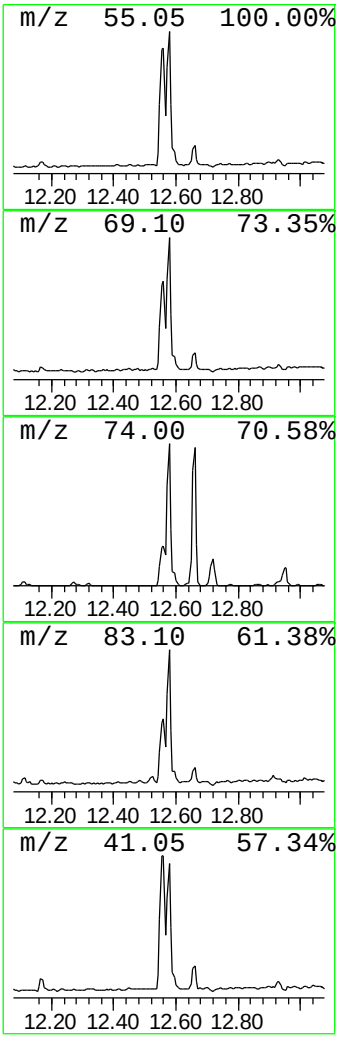
Peak Number 17 16-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	52.54 ng	925411	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	95
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	90
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	86
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	86





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Instrument : BNA_F
ClientSampleId : HR-06-062218-A

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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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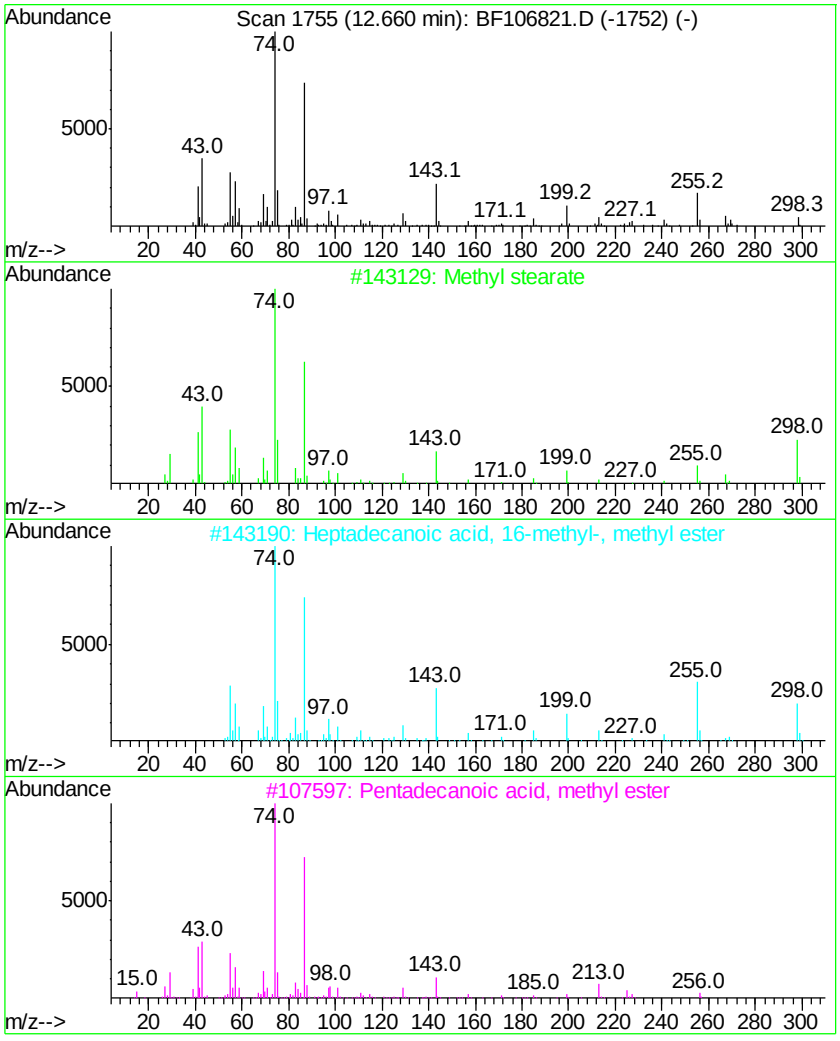
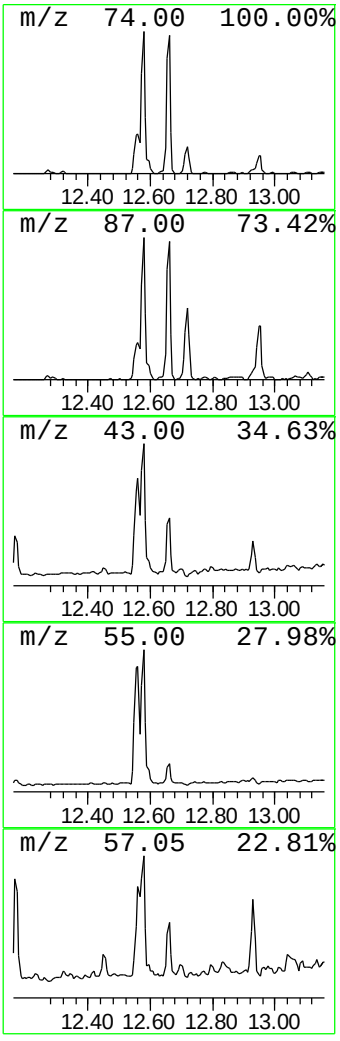
Peak Number 18 Methyl stearate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	12.08 ng	212816	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	94
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	83
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	72





Library Search Compound Report

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

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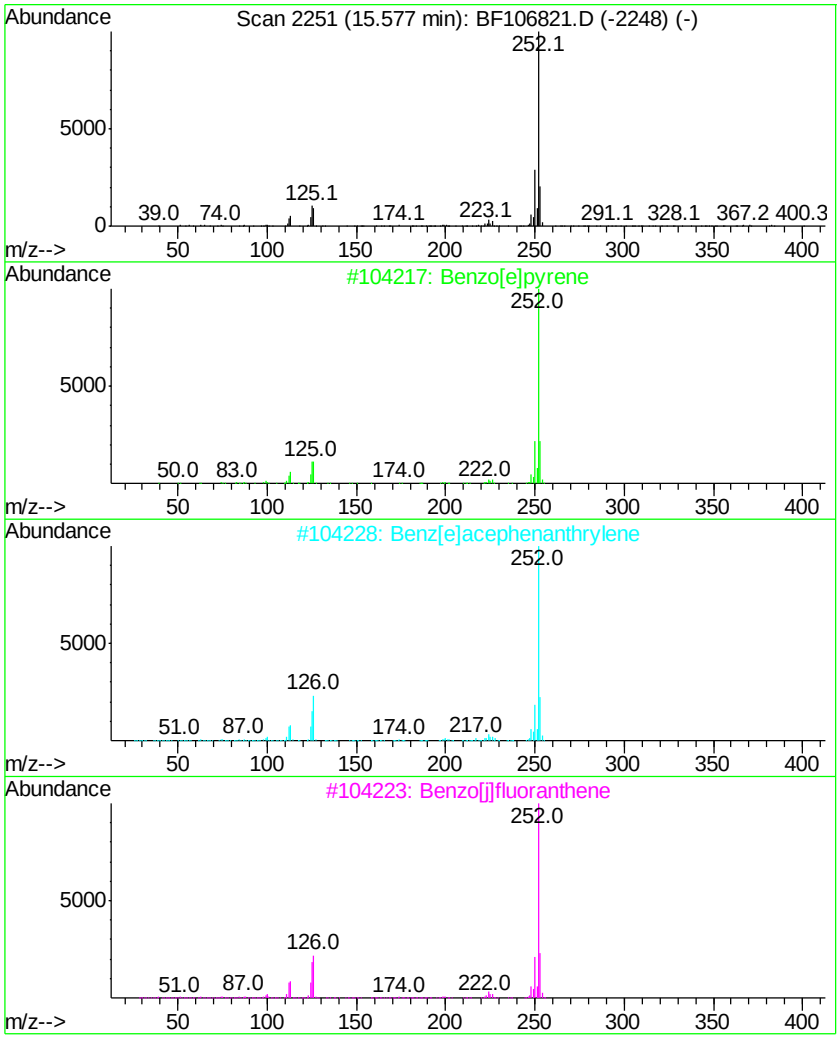
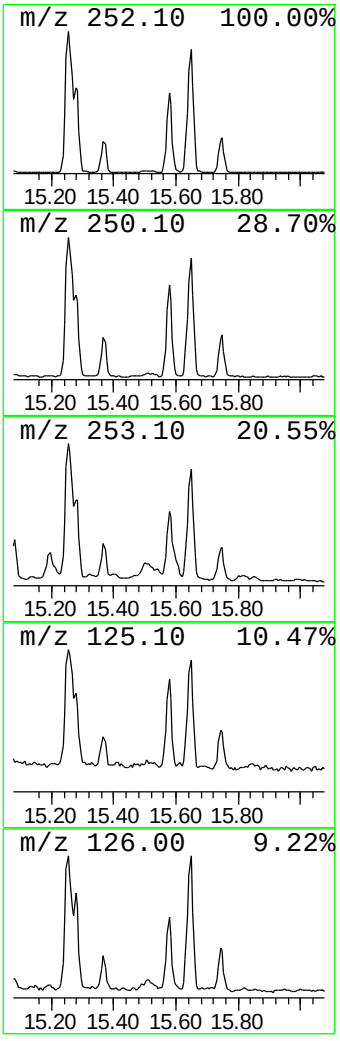
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	30.88 ng	245681	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

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Data File : BF106821.D
Acq On : 26 Jun 2018 14:35
Operator : JU/SJ
Sample : J3241-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-062218-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.73	6.73	25.8	ng	414542	1	6.96	320954	20.0
Cyclohexane, (cyc...	8.52	9.8	ng	188260	2	8.24	384452	20.0
Dodecane, 2,6,11-...	8.64	9.5	ng	183466	2	8.24	384452	20.0
Undecane, 2,3-dim...	8.81	18.1	ng	348959	2	8.24	384452	20.0
Dodecane, 2,7,10-...	9.24	8.3	ng	130011	3	10.00	315170	20.0
Hexadecane	9.38	20.6	ng	325273	3	10.00	315170	20.0
Dodecane	10.41	13.1	ng	206132	3	10.00	315170	20.0
Tridecane	10.88	16.0	ng	282498	4	11.50	352288	20.0
Tetracosane	11.33	6.5	ng	114857	4	11.50	352288	20.0
Hexadecanoic acid...	11.87	17.1	ng	301239	4	11.50	352288	20.0
Phenanthrene, 2-m...	12.02	8.1	ng	143353	4	11.50	352288	20.0
4H-Cyclopenta[def...	12.11	14.5	ng	255403	4	11.50	352288	20.0
9,12-Octadecadien...	12.56	70.7	ng	1245840	4	11.50	352288	20.0
16-Octadecenoic a...	12.58	52.5	ng	925411	4	11.50	352288	20.0
Methyl stearate	12.66	12.1	ng	212816	4	11.50	352288	20.0
Benzo[e]pyrene	15.58	30.9	ng	245681	6	15.71	159098	20.0