LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110379.D
Acq On : 1 Nov 2018 20:34
Operator : JU/SJ
Sample : J5755-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

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-BF102318.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	2.246	24	27	40	rVB	83246	138548	17.20%	1.462%
2	5.181	521	526	535	rVB	11187	15399	1.91%	0.163%
3	5.569	589	592	604	rBV	340840	339233	42.11%	3.581%
4	6.569	759	762	777	rBV	353167	367598	45.64%	3.880%
5	6.722	784	788	795	rBV	430956	372352	46.23%	3.930%
6	6.957	824	828	841	rBB	473818	437228	54.28%	4.615%
7	7.110	850	854	865	rBV	333762	284467	35.32%	3.003%
8	7.516	919	923	935	rBV	200234	209711	26.03%	2.214%
9	8.239	1042	1046	1071	rVB	521465	540533	67.10%	5.706%
10	9.310	1224	1228	1238	rBV	322749	312016	38.74%	3.293%
11	9.704	1289	1295	1302	rVB	32370	32188	4.00%	0.340%
12	9.857	1319	1321	1327	rBV	25492	23714	2.94%	0.250%
13	9.998	1341	1345	1355	rVB	532843	490190	60.85%	5.174%
14	10.757	1471	1474	1476	rBV	15382	12849	1.60%	0.136%
15	10.786	1476	1479	1488	rVB	151824	146737	18.22%	1.549%
16	10.892	1492	1497	1499	rBV2	5805	8333	1.03%	0.088%
17	11.486	1595	1598	1601	rBV	431884	402223	49.93%	4.246%
18	11.569	1609	1612	1616	rBV	24280	24303	3.02%	0.257%
19	12.022	1686	1689	1693	rVB2	9442	9664	1.20%	0.102%
20	12.069	1693	1697	1700	rBV	9997	11047	1.37%	0.117%
21	12.104	1700	1703	1711	rVB3	24732	32827	4.08%	0.346%
22	12.533	1771	1776	1781	rBV2	13275	19918	2.47%	0.210%
23	12.580	1781	1784	1785	rVV2	10531	10740	1.33%	0.113%
24	12.627	1789	1792	1798	rBV3	13932	16976	2.11%	0.179%
25	12.704	1801	1805	1810	rBV	275694	235500	29.24%	2.486%
26	12.798	1818	1821	1825	rBV	10013	12640	1.57%	0.133%
27	12.857	1828	1831	1833	rVV2	8267	11371	1.41%	0.120%
28	12.916	1837	1841	1842	rVV	46528	44891	5.57%	0.474%
29	12.933	1842	1844	1850	rVV	300189	275048	34.15%	2.903%
30	12.986	1850	1853	1857	rVB2	15499	16230	2.01%	0.171%
31	13.063	1859	1866	1870	rVV	281159	271286	33.68%	2.864%
32	13.098	1870	1872	1874	rVB	15719	12674	1.57%	0.134%
33	13.151	1876	1881	1885	rBV2	28996	48641	6.04%	0.513%
34	13.263	1892	1900	1904	rBV2	56730	101751	12.63%	1.074%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110379.D
Acq On : 1 Nov 2018 20:34
Operator : JU/SJ
Sample : J5755-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.327	1906	1911	1914	rBV2	47145	49079	6.09%	0.518%
36	13.363	1914	1917	1921	rVV2	41626	56701	7.04%	0.598%
37	13.421	1925	1927	1930	rBV3	7539	8987	1.12%	0.095%
38	13.463	1930	1934	1936	rBV	26417	26396	3.28%	0.279%
39	13.492	1936	1939	1943	rVV3	29305	32430	4.03%	0.342%
40	13.533	1943	1946	1949	rVB	28507	21163	2.63%	0.223%
41	13.574	1951	1953	1958	rVB6	9820	8763	1.09%	0.092%
42	13.639	1958	1964	1965	rBV4	7739	12796	1.59%	0.135%
43	13.663	1965	1968	1970	rBV3	10235	10460	1.30%	0.110%
44	13.680	1970	1971	1974	rVB	12483	9695	1.20%	0.102%
45	13.745	1978	1982	1984	rBV4	22904	30201	3.75%	0.319%
46	13.774	1984	1987	1990	rVB2	29303	32383	4.02%	0.342%
47	13.827	1994	1996	2000	rVB4	7760	8219	1.02%	0.087%
48	13.886	2001	2006	2008	rBV3	37875	47336	5.88%	0.500%
49	13.910	2008	2010	2012	rBV	27573	21837	2.71%	0.230%
50	13.945	2012	2016	2020	rVV2	40394	60022	7.45%	0.634%
51	13.980	2020	2022	2025	rVB	30302	27316	3.39%	0.288%
52	14.051	2029	2034	2038	rBV3	19331	36242	4.50%	0.383%
53	14.086	2038	2040	2042	rBV	24434	24513	3.04%	0.259%
54	14.133	2043	2048	2051	rVV2	669926	805513	100.00%	8.502%
55	14.157	2051	2052	2060	rVB	217910	186697	23.18%	1.971%
56	14.216	2060	2062	2064	rVB2	12456	8784	1.09%	0.093%
57	14.239	2064	2066	2068	rBV	46004	40607	5.04%	0.429%
58	14.351	2083	2085	2089	rVB2	20231	27358	3.40%	0.289%
59	14.392	2089	2092	2094	rBV4	18520	16075	2.00%	0.170%
60	14.480	2105	2107	2109	rBV3	18400	17905	2.22%	0.189%
61	14.516	2109	2113	2116	rVV	52526	64218	7.97%	0.678%
62	14.551	2117	2119	2121	rBV	23113	22841	2.84%	0.241%
63	14.616	2129	2130	2133	rVB	22921	14196	1.76%	0.150%
64	14.645	2133	2135	2137	rVV	32319	28727	3.57%	0.303%
65	14.668	2137	2139	2143	rVB	35765	35444	4.40%	0.374%
66	14.721	2143	2148	2154	rVB5	24927	49762	6.18%	0.525%
67	14.845	2167	2169	2172	rBV3	23912	25601	3.18%	0.270%
68	14.886	2172	2176	2179	rVB3	31682	44866	5.57%	0.474%
69	14.921	2179	2182	2186	rBV4	16606	29503	3.66%	0.311%
70	15.039	2198	2202	2206	rBV6	38376	53430	6.63%	0.564%
71	15.204	2226	2230	2233	rBV	254272	377546	46.87%	3.985%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110379.D
Acq On : 1 Nov 2018 20:34
Operator : JU/SJ
Sample : J5755-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.233	2233	2235	2240	rVB2	149635	147285	18.28%	1.555%
73	15.315	2246	2249	2254	rVB	52442	60679	7.53%	0.640%
74	15.404	2262	2264	2267	rBV4	22305	31472	3.91%	0.332%
75	15.521	2280	2284	2291	rVB	141262	199177	24.73%	2.102%
76	15.592	2291	2296	2300	rBV	185180	250694	31.12%	2.646%
77	15.657	2300	2307	2311	rVV	377858	543465	67.47%	5.736%
78	15.692	2311	2313	2319	rVB2	49162	62917	7.81%	0.664%
79	16.092	2377	2381	2390	rVB2	51944	87712	10.89%	0.926%
80	16.621	2467	2471	2476	rVB4	28569	49103	6.10%	0.518%
81	16.927	2521	2523	2532	rVB7	23131	41656	5.17%	0.440%
82	17.221	2566	2573	2584	rBV3	60611	174253	21.63%	1.839%
83	17.539	2623	2627	2634	rVB8	43082	90474	11.23%	0.955%
84	17.692	2648	2653	2661	rVB	34116	72568	9.01%	0.766%

Sum of corrected areas: 9473893

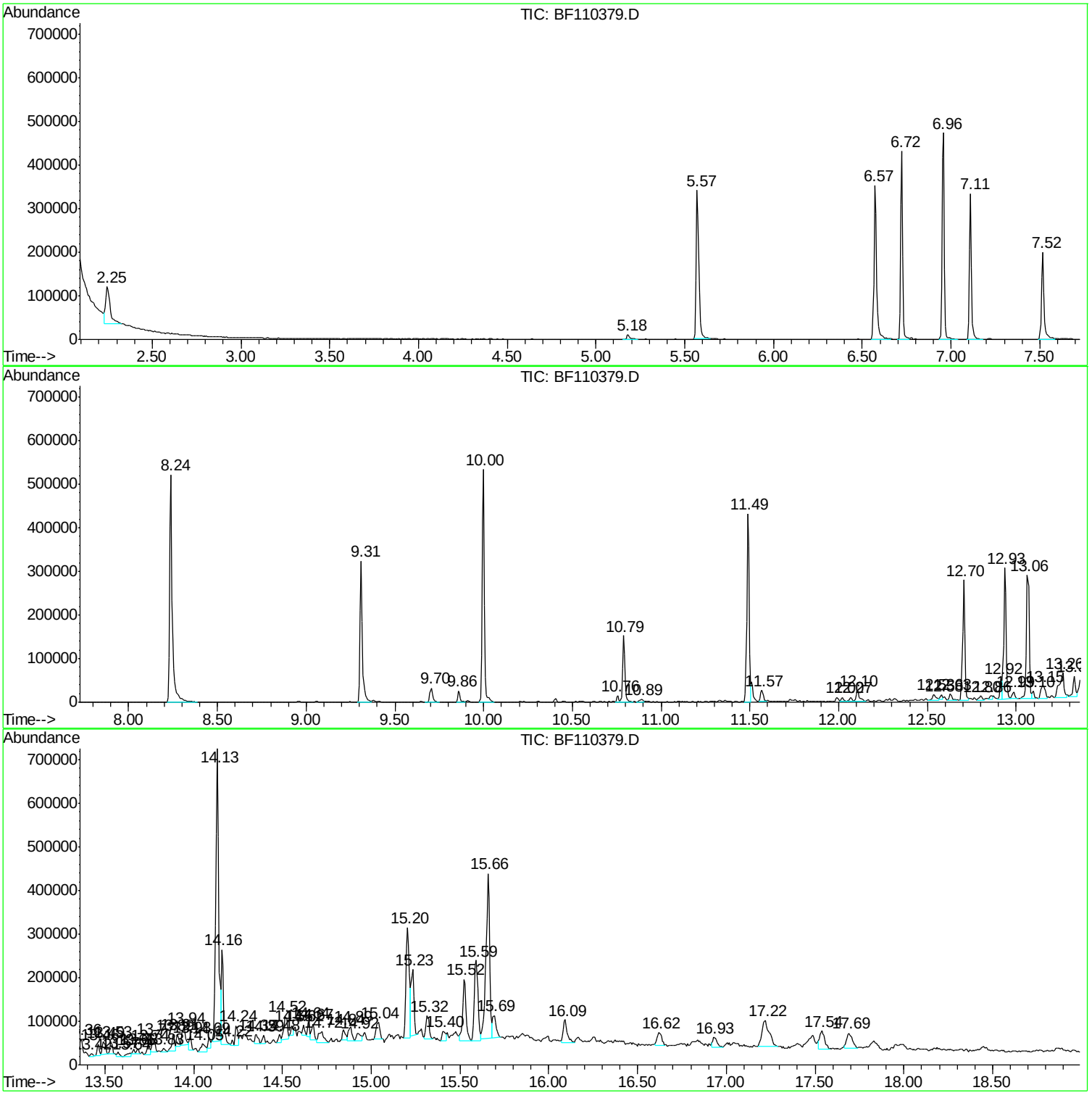
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110379.D
Acq On : 1 Nov 2018 20:34
Operator : JU/SJ
Sample : J5755-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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\BF110118\
Data File : BF110379.D
Acq On : 1 Nov 2018 20:34
Operator : JU/SJ
Sample : J5755-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

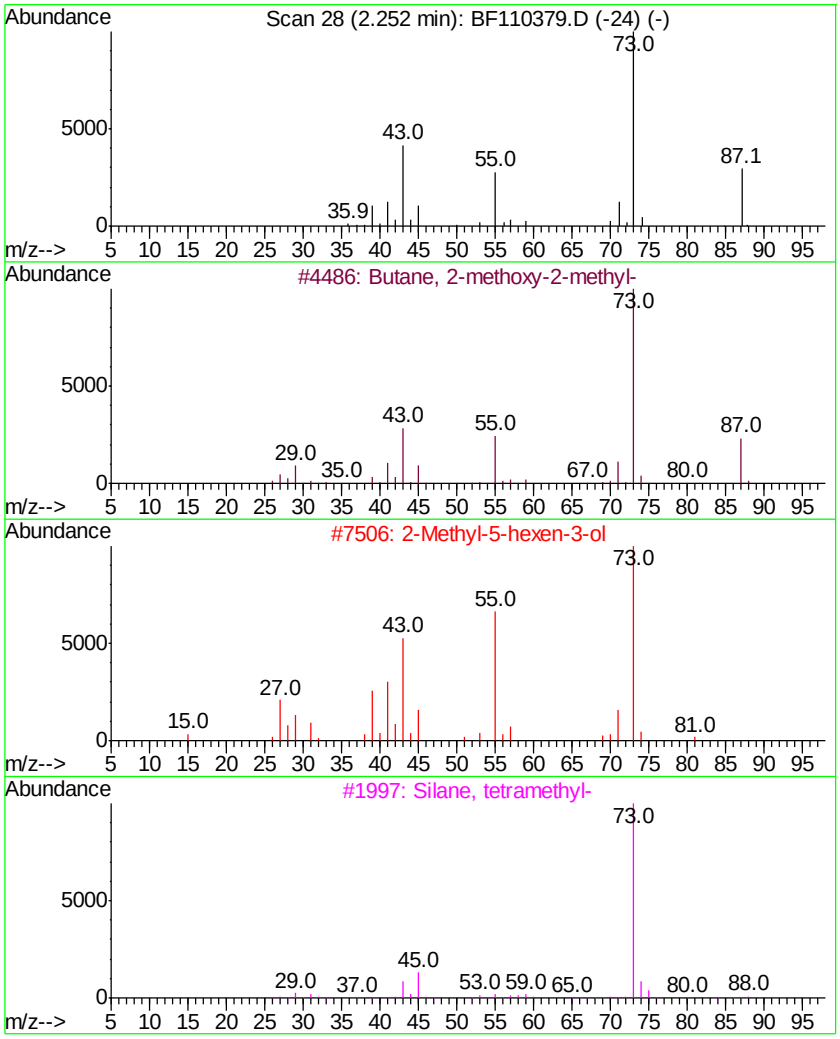
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

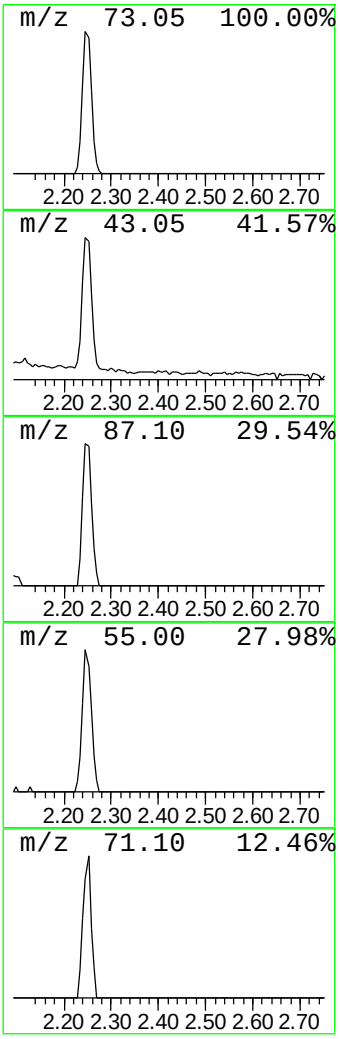
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.25	6.34 ng	138548	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110379.D
Acq On : 1 Nov 2018 20:34
Operator : JU/SJ
Sample : J5755-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

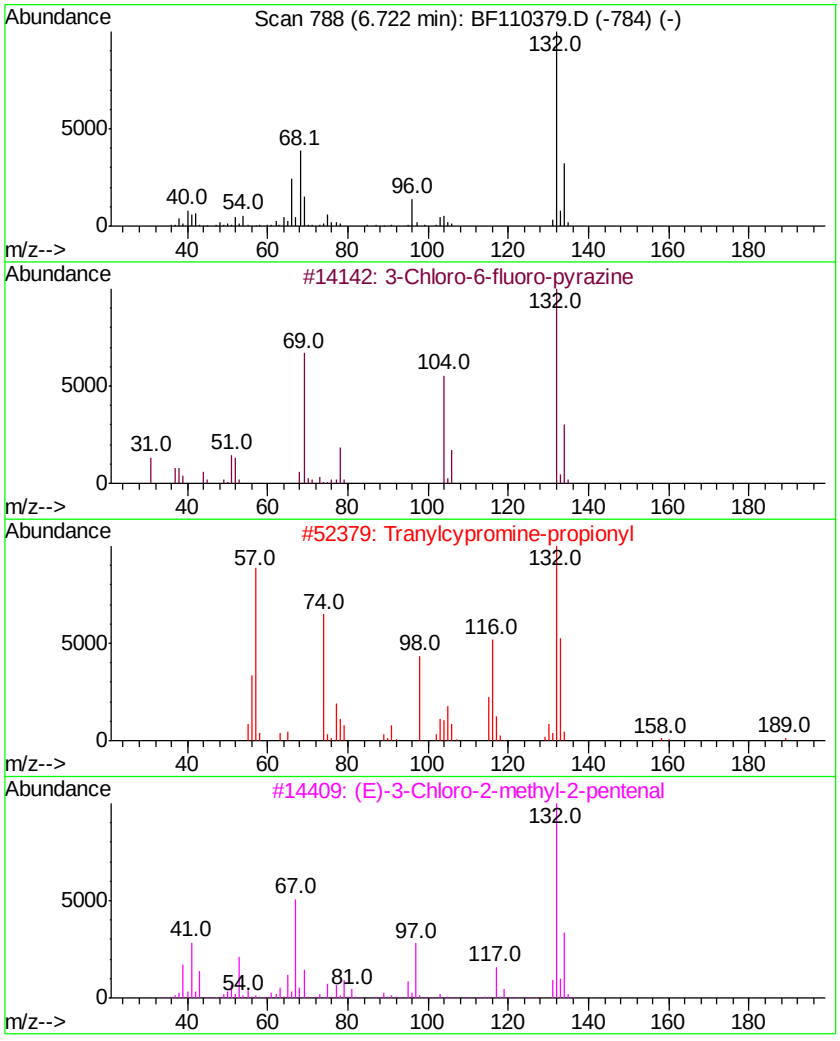
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

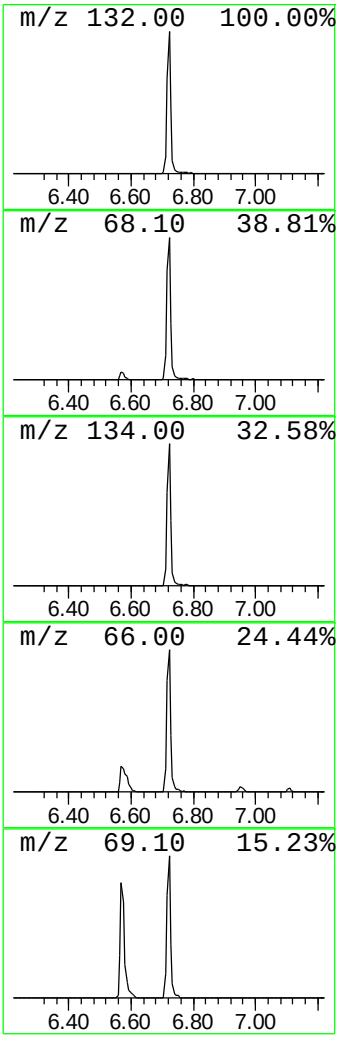
****

Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	17.03 ng	372352	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110379.D
Acq On : 1 Nov 2018 20:34
Operator : JU/SJ
Sample : J5755-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

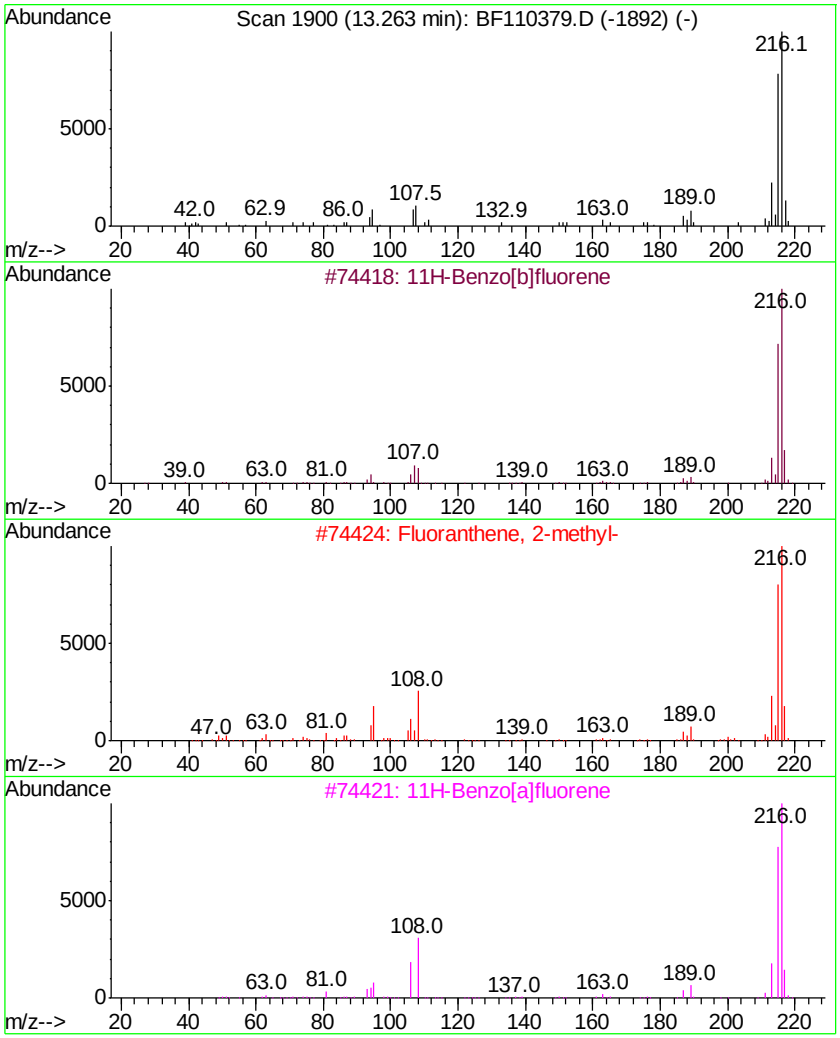
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

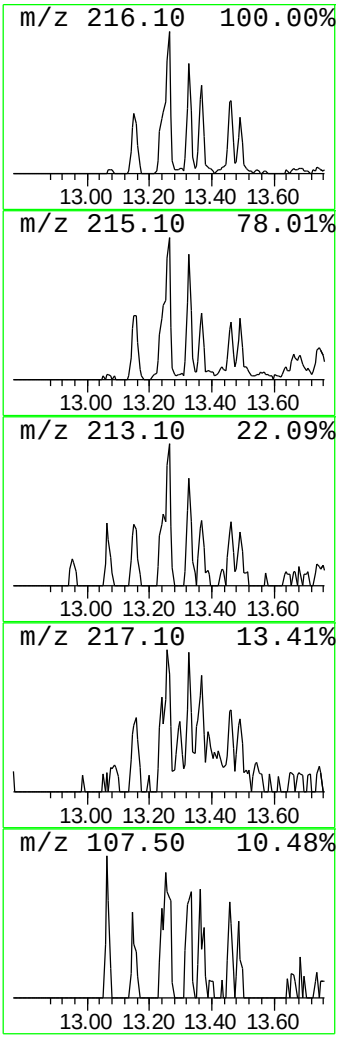
****

Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.53 ng	101751	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110379.D
Acq On : 1 Nov 2018 20:34
Operator : JU/SJ
Sample : J5755-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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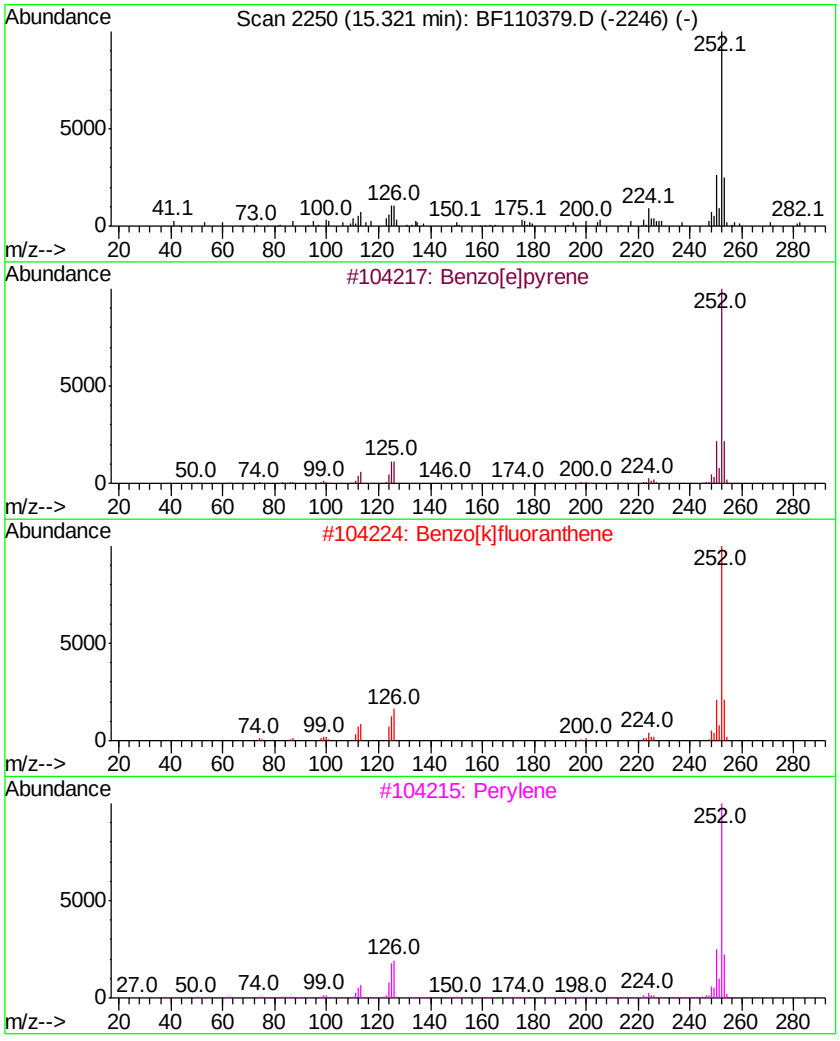
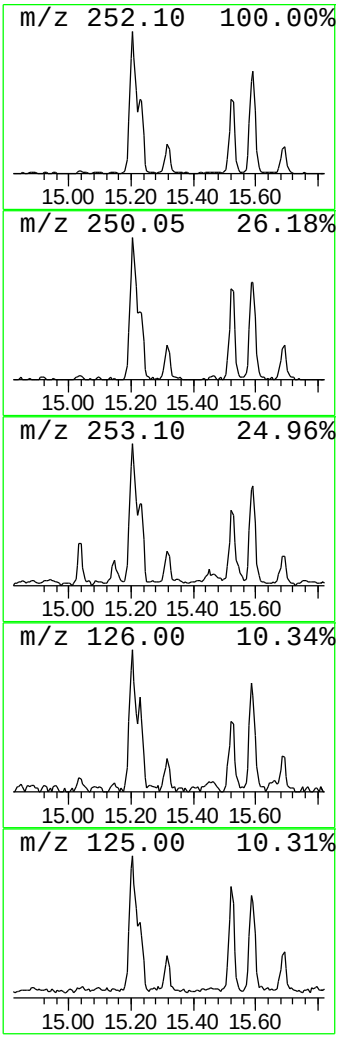
Peak Number 5 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	2.23 ng	60679	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Perylene	252	C20H12	000198-55-0	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110379.D
Acq On : 1 Nov 2018 20:34
Operator : JU/SJ
Sample : J5755-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

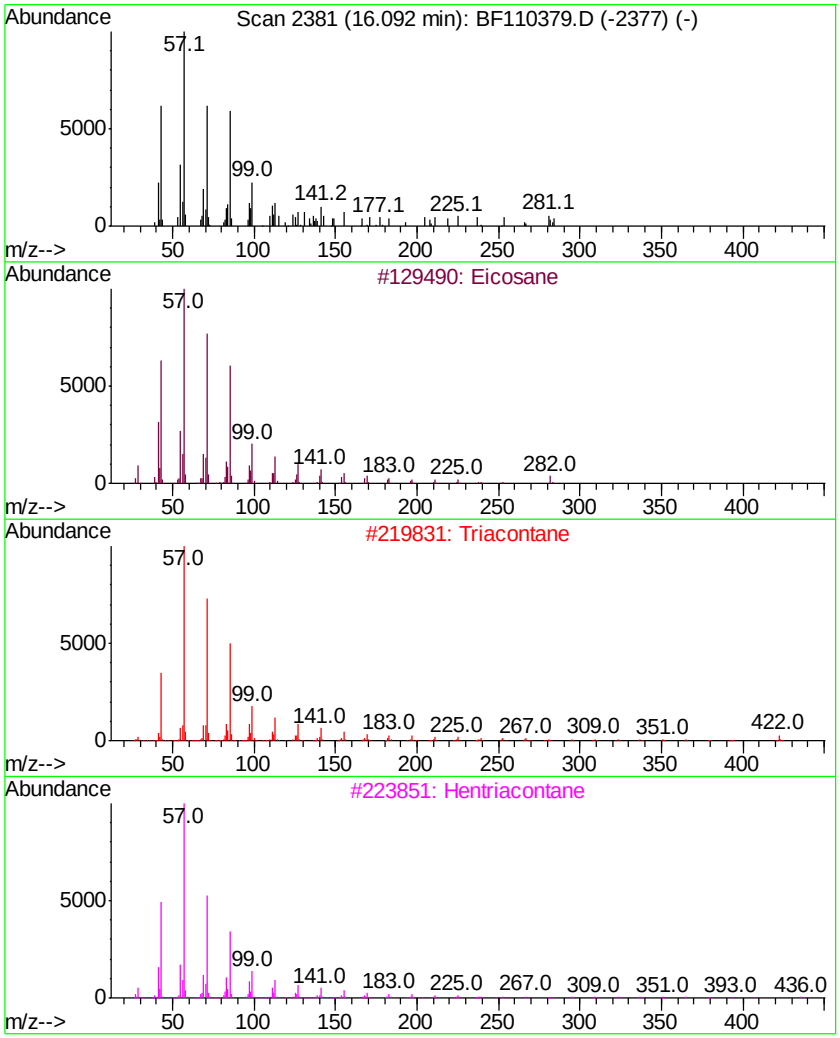
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

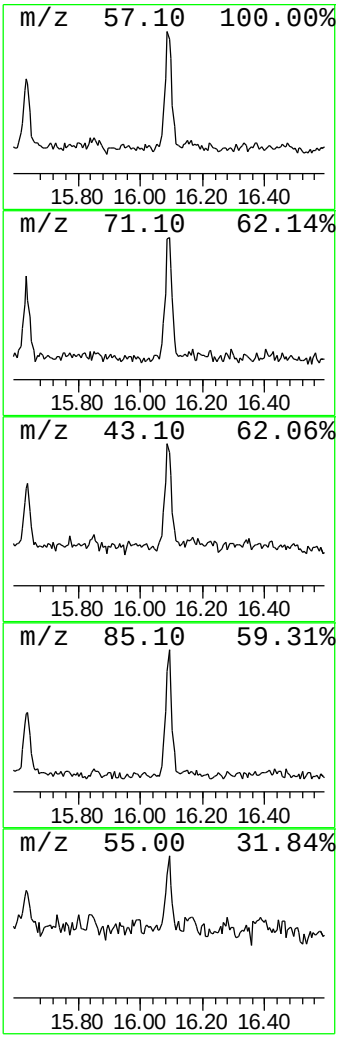
****

Peak Number 7 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	3.23 ng	87712	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Triacontane	422	C30H62	000638-68-6	80
3	Hentriacontane	437	C31H64	000630-04-6	78
4	Heneicosane	296	C21H44	000629-94-7	74
5	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110379.D
Acq On : 1 Nov 2018 20:34
Operator : JU/SJ
Sample : J5755-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

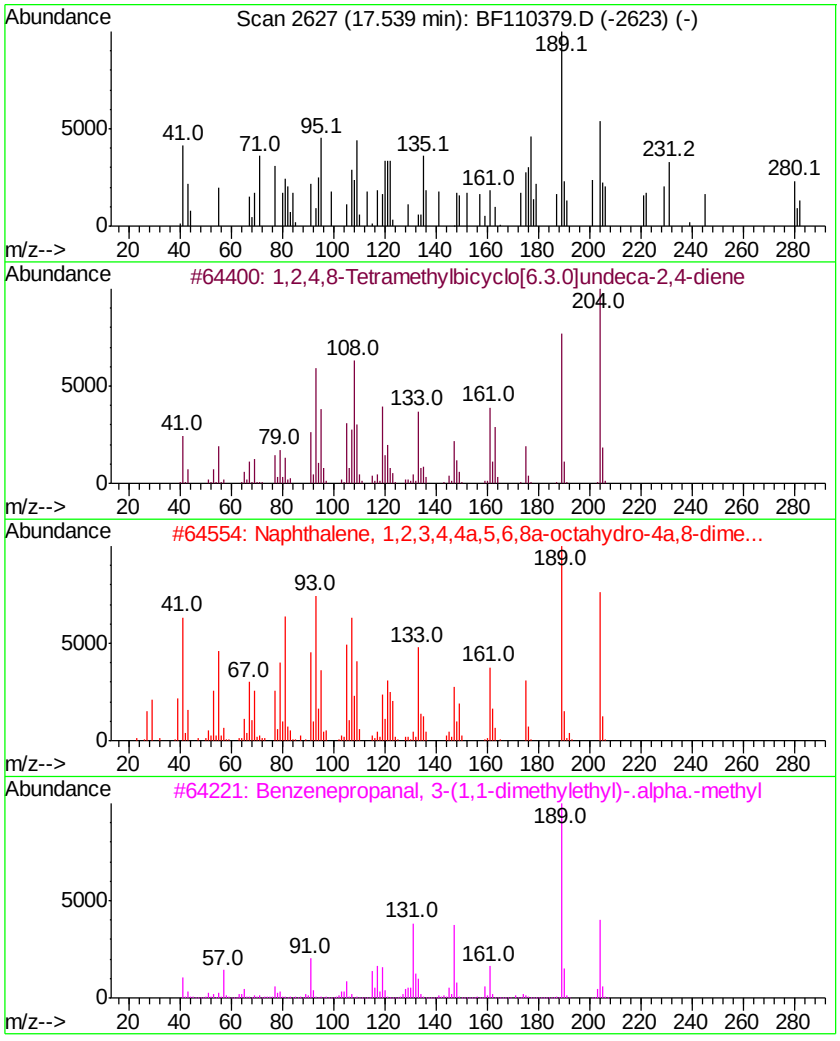
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

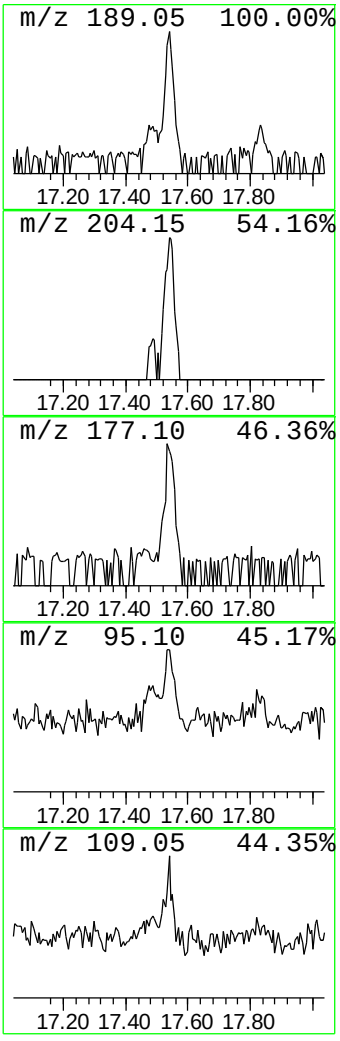
****

Peak Number 8 unknown17.54 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	3.33 ng	90474	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	32
2	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	32
3	Benzenepropanal, 3-(1,1-dimethyl...	204	C14H20O	062518-65-4	30
4	3,4-Dihydrocoumarin, 4,4-dimethy...	204	C13H16O2	029423-74-3	22
5	.delta.-Selinene	204	C15H24	028624-23-9	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110118\
Data File : BF110379.D
Acq On : 1 Nov 2018 20:34
Operator : JU/SJ
Sample : J5755-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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
Butane, 2-methoxy...	2.25	6.3	ng	138548	1	6.96	437228	20.0
unknown6.72	6.72	17.0	ng	372352	1	6.96	437228	20.0
11H-Benzo[b]fluorene	13.26	2.5	ng	101751	5	14.13	805513	20.0
Benzo[e]pyrene	15.32	2.2	ng	60679	6	15.66	543465	20.0
Eicosane	16.09	3.2	ng	87712	6	15.66	543465	20.0
unknown17.54	17.54	3.3	ng	90474	6	15.66	543465	20.0