LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101817.D
Acq On : 29 Dec 2017 9:52
Operator : SJ/JU
Sample : I6995-02 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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-BF121417.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	4.987	489	493	510	rBV	231053	369827	16.05%	0.874%
2	5.404	561	564	591	rBV	1018765	1791243	77.73%	4.233%
3	6.040	668	672	678	rBV	54900	46584	2.02%	0.110%
4	6.434	735	739	757	rBV	1102604	1845944	80.10%	4.363%
5	6.557	757	760	771	rVB	1711058	1815940	78.80%	4.292%
6	6.781	795	798	813	rBV	917543	883210	38.33%	2.087%
7	6.934	821	824	841	rBV	1246661	1351102	58.63%	3.193%
8	7.351	892	895	912	rBV	912862	1158443	50.27%	2.738%
9	8.063	1013	1016	1037	rBV	1213109	1230761	53.41%	2.909%
10	8.204	1037	1040	1047	rBV2	16208	34559	1.50%	0.082%
11	8.787	1136	1139	1147	rBV	33898	41291	1.79%	0.098%
12	8.881	1152	1155	1160	rVB	36639	35600	1.54%	0.084%
13	9.134	1195	1198	1206	rBV	1894298	1680433	72.92%	3.971%
14	9.481	1249	1257	1260	rVV3	40110	58254	2.53%	0.138%
15	9.534	1263	1266	1272	rVV	192581	190197	8.25%	0.449%
16	9.598	1272	1277	1286	rVB6	17469	38687	1.68%	0.091%
17	9.734	1297	1300	1304	rVB	78095	60661	2.63%	0.143%
18	9.822	1311	1315	1318	rBV	1218595	1168101	50.69%	2.761%
19	9.851	1318	1320	1328	rVB	254957	224094	9.72%	0.530%
20	10.028	1346	1350	1353	rBV	109300	140465	6.10%	0.332%
21	10.233	1382	1385	1388	rVB	89556	76371	3.31%	0.180%
22	10.369	1405	1408	1414	rBV	196265	186853	8.11%	0.442%
23	10.439	1414	1420	1421	rBV2	33704	46350	2.01%	0.110%
24	10.539	1433	1437	1444	rVB2	239166	247933	10.76%	0.586%
25	10.616	1446	1450	1462	rVV	1059740	1087724	47.20%	2.571%
26	10.704	1462	1465	1472	rVV	82986	94089	4.08%	0.222%
27	10.922	1494	1502	1505	rBV4	50258	84420	3.66%	0.200%
28	10.969	1505	1510	1511	rVV2	31701	53956	2.34%	0.128%
29	10.998	1511	1515	1518	rVV4	36106	60390	2.62%	0.143%
30	11.045	1518	1523	1525	rVV3	30615	45449	1.97%	0.107%
31	11.069	1525	1527	1532	rVV2	33498	37021	1.61%	0.087%
32	11.133	1535	1538	1540	rVV	59660	61480	2.67%	0.145%
33	11.151	1540	1541	1548	rVV2	84934	94751	4.11%	0.224%
34	11.210	1548	1551	1556	rVB	119800	100878	4.38%	0.238%

LSC Area Percent Report

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Acq On : 29 Dec 2017 9:52
Operator : SJ/JU
Sample : I6995-02 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.316	1565	1569	1570	rBV	1185436	1108413	48.10%	2.620%
36	11.339	1570	1573	1576	rVB	1881386	1599234	69.40%	3.780%
37	11.392	1576	1582	1585	rBV	611907	761759	33.05%	1.800%
38	11.557	1607	1610	1615	rVB	216522	232589	10.09%	0.550%
39	11.598	1615	1617	1620	rVB	37998	31580	1.37%	0.075%
40	11.822	1651	1655	1657	rBV2	406591	460316	19.97%	1.088%
41	11.845	1657	1659	1665	rVV	237327	248098	10.77%	0.586%
42	11.892	1665	1667	1670	rVV	81934	74336	3.23%	0.176%
43	11.927	1670	1673	1676	rVV	364588	375020	16.27%	0.886%
44	11.951	1676	1677	1680	rVV	104945	73434	3.19%	0.174%
45	12.010	1684	1687	1689	rVV2	85289	100017	4.34%	0.236%
46	12.033	1689	1691	1695	rVB	32064	29735	1.29%	0.070%
47	12.110	1700	1704	1707	rVV	134515	134579	5.84%	0.318%
48	12.163	1710	1713	1719	rVB2	86193	101282	4.39%	0.239%
49	12.363	1744	1747	1750	rBV	60768	58171	2.52%	0.137%
50	12.451	1759	1762	1763	rBV2	31973	32319	1.40%	0.076%
51	12.475	1763	1766	1768	rVV	72156	79009	3.43%	0.187%
52	12.533	1772	1776	1780	rVV	2457668	2304523	100.00%	5.446%
53	12.604	1784	1788	1794	rVV3	233098	311652	13.52%	0.737%
54	12.686	1798	1802	1805	rVV2	134015	168374	7.31%	0.398%
55	12.745	1808	1812	1813	rVV2	505692	550936	23.91%	1.302%
56	12.763	1813	1815	1820	rVV	2058602	1834793	79.62%	4.336%
57	12.810	1820	1823	1827	rVB	83135	97447	4.23%	0.230%
58	12.892	1833	1837	1840	rBV	1252575	1150972	49.94%	2.720%
59	12.939	1842	1845	1848	rVV	90175	93932	4.08%	0.222%
60	12.974	1848	1851	1856	rVB3	104998	175784	7.63%	0.415%
61	13.022	1856	1859	1862	rBV	54342	50287	2.18%	0.119%
62	13.069	1862	1867	1868	rBV2	73530	90814	3.94%	0.215%
63	13.092	1868	1871	1876	rVB	293399	296731	12.88%	0.701%
64	13.157	1876	1882	1885	rBV	266864	259785	11.27%	0.614%
65	13.198	1885	1889	1893	rBV3	109307	160477	6.96%	0.379%
66	13.292	1901	1905	1907	rBV	74573	83841	3.64%	0.198%
67	13.322	1907	1910	1912	rVV	72145	68221	2.96%	0.161%
68	13.616	1957	1960	1966	rVB	72420	92497	4.01%	0.219%
69	13.716	1974	1977	1978	rBV	169949	147872	6.42%	0.349%
70	13.733	1978	1980	1983	rVV2	195024	190014	8.25%	0.449%
71	13.769	1983	1986	1994	rVV4	287893	476624	20.68%	1.126%

LSC Area Percent Report

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Sample : I6995-02 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.827	1994	1996	2000	rVB	111398	105609	4.58%	0.250%
73	13.886	2000	2006	2008	rBV	73297	116498	5.06%	0.275%
74	13.910	2008	2010	2012	rVV	156283	122467	5.31%	0.289%
75	13.957	2012	2018	2022	rVV2	1356898	2205303	95.69%	5.212%
76	13.992	2022	2024	2031	rVV	970562	889405	38.59%	2.102%
77	14.069	2035	2037	2041	rVV	318091	340937	14.79%	0.806%
78	14.133	2045	2048	2052	rVV3	137717	177821	7.72%	0.420%
79	14.174	2052	2055	2056	rVV	85642	99308	4.31%	0.235%
80	14.204	2058	2060	2069	rVB	114694	161922	7.03%	0.383%
81	14.316	2077	2079	2081	rBV	50075	40775	1.77%	0.096%
82	14.351	2081	2085	2088	rVV2	140125	188582	8.18%	0.446%
83	14.386	2089	2091	2095	rVV2	82450	88191	3.83%	0.208%
84	14.427	2095	2098	2100	rVV	62822	68146	2.96%	0.161%
85	14.457	2100	2103	2105	rVV3	115848	145614	6.32%	0.344%
86	14.480	2105	2107	2109	rVV	103335	114557	4.97%	0.271%
87	14.539	2113	2117	2121	rVV3	50409	96708	4.20%	0.229%
88	14.698	2138	2144	2148	rBV4	109945	214267	9.30%	0.506%
89	14.763	2152	2155	2158	rVB	91603	95051	4.12%	0.225%
90	14.863	2169	2172	2177	rVB	92710	117144	5.08%	0.277%
91	15.010	2193	2197	2200	rBV	1010649	1443095	62.62%	3.411%
92	15.121	2212	2216	2221	rVB	167685	192910	8.37%	0.456%
93	15.310	2244	2248	2253	rBV	559883	702340	30.48%	1.660%
94	15.380	2255	2260	2265	rVV	825753	1020677	44.29%	2.412%
95	15.433	2265	2269	2273	rVV	628201	837818	36.36%	1.980%
96	15.468	2273	2275	2287	rVB	243121	327399	14.21%	0.774%
97	16.921	2516	2522	2529	rVB	394801	785471	34.08%	1.856%
98	17.086	2547	2550	2555	rVB	70660	109282	4.74%	0.258%
99	17.368	2592	2598	2609	rVB	387071	812981	35.28%	1.921%
100	17.627	2638	2642	2648	rBV	76810	144329	6.26%	0.341%

Sum of corrected areas: 42313135

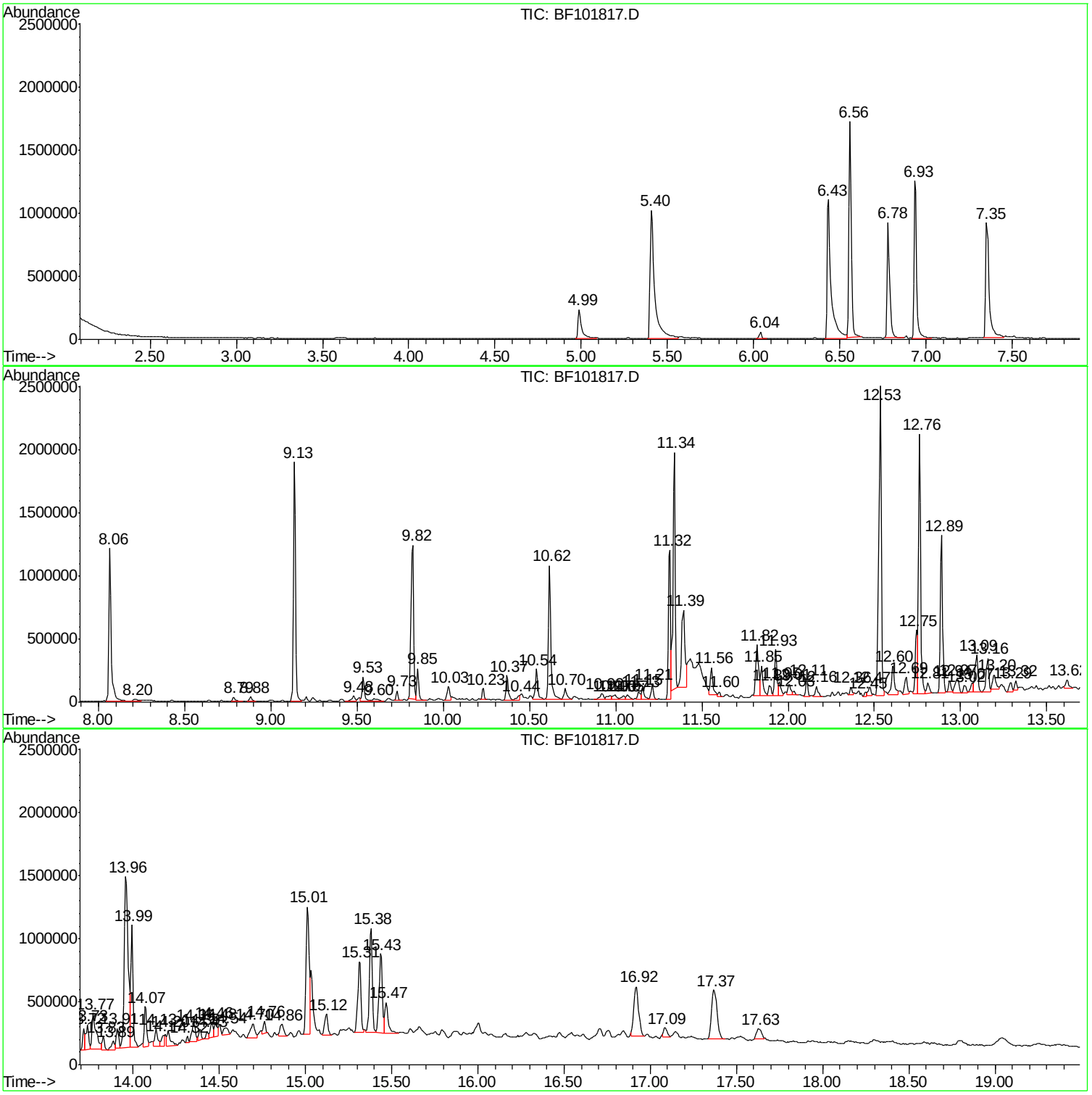
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101817.D
Acq On : 29 Dec 2017 9:52
Operator : SJ/JU
Sample : I6995-02 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
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Misc :
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Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

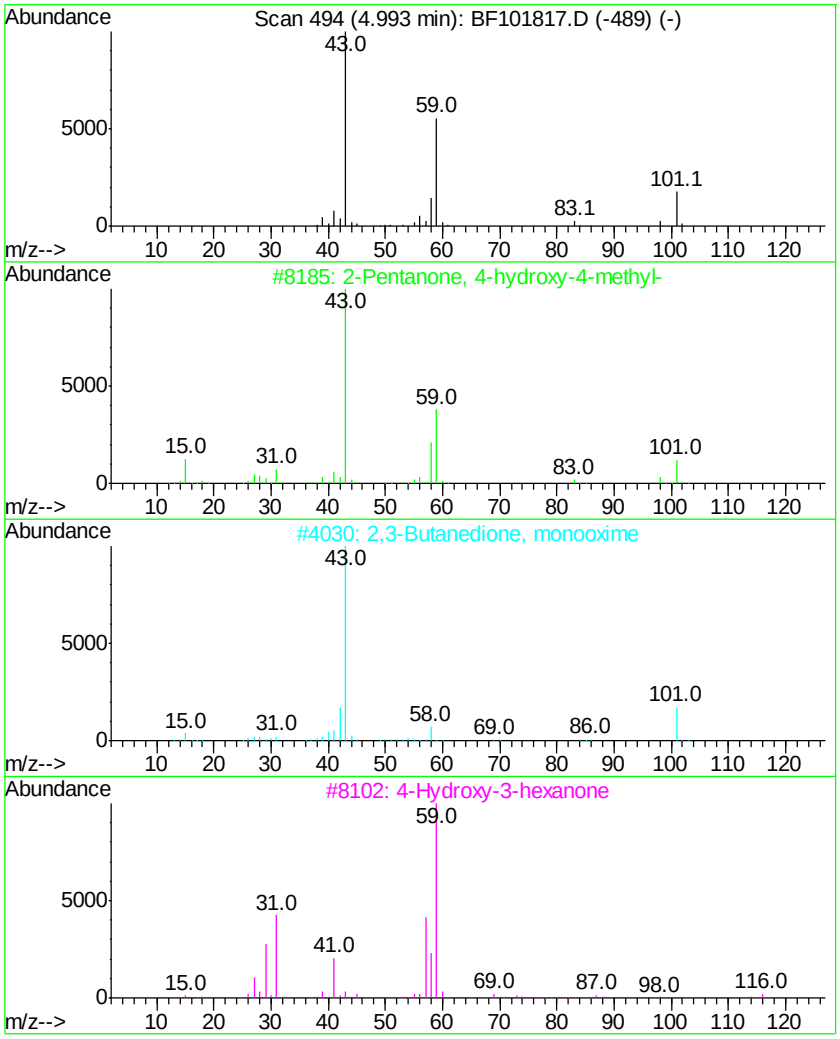
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

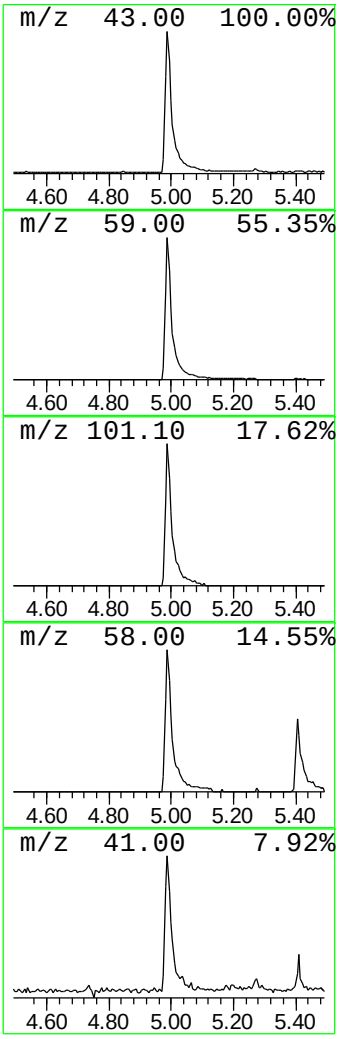
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	8.37 ng	369827	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9
4	1,2-Butanediol	90	C4H10O2	000584-03-2	9
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101817.D
Acq On : 29 Dec 2017 9:52
Operator : SJ/JU
Sample : I6995-02 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

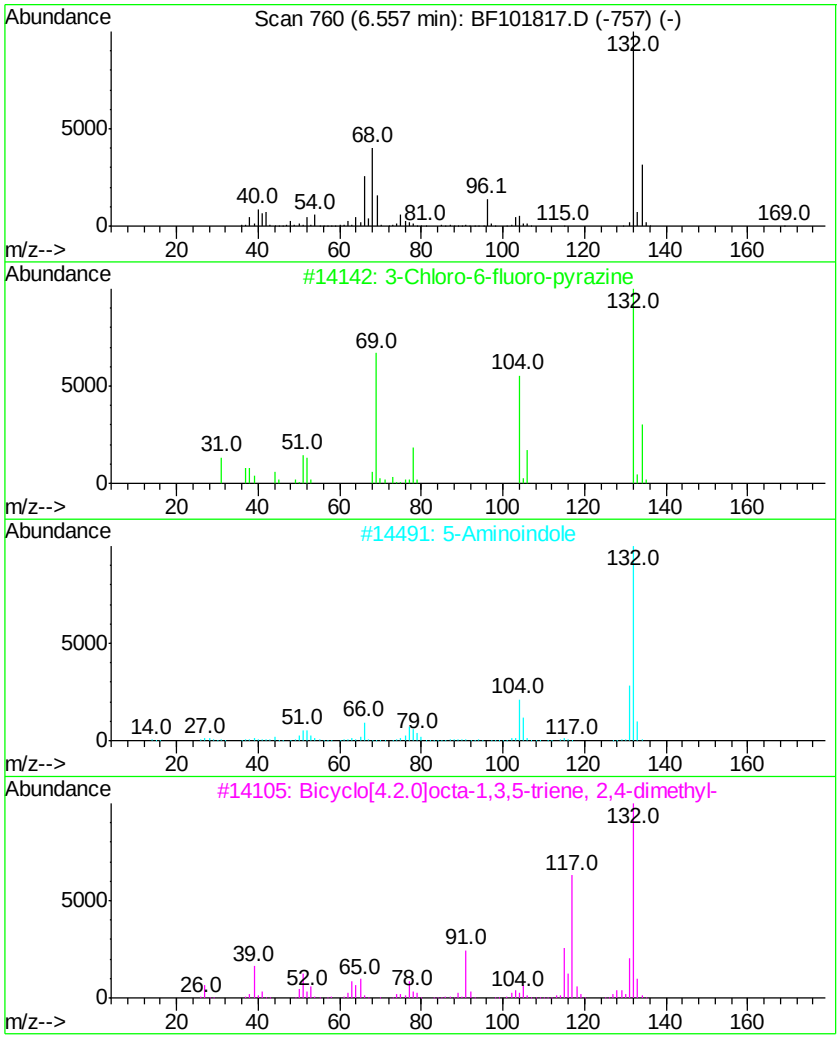
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

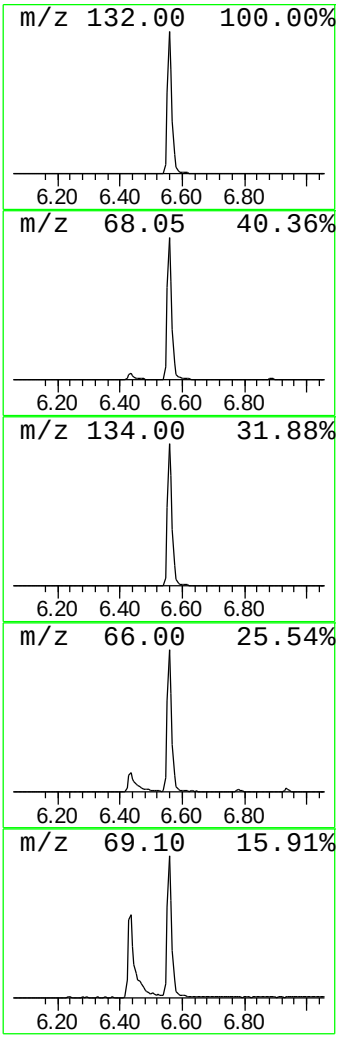
****

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	41.12 ng	1815940	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Sample : I6995-02 2X
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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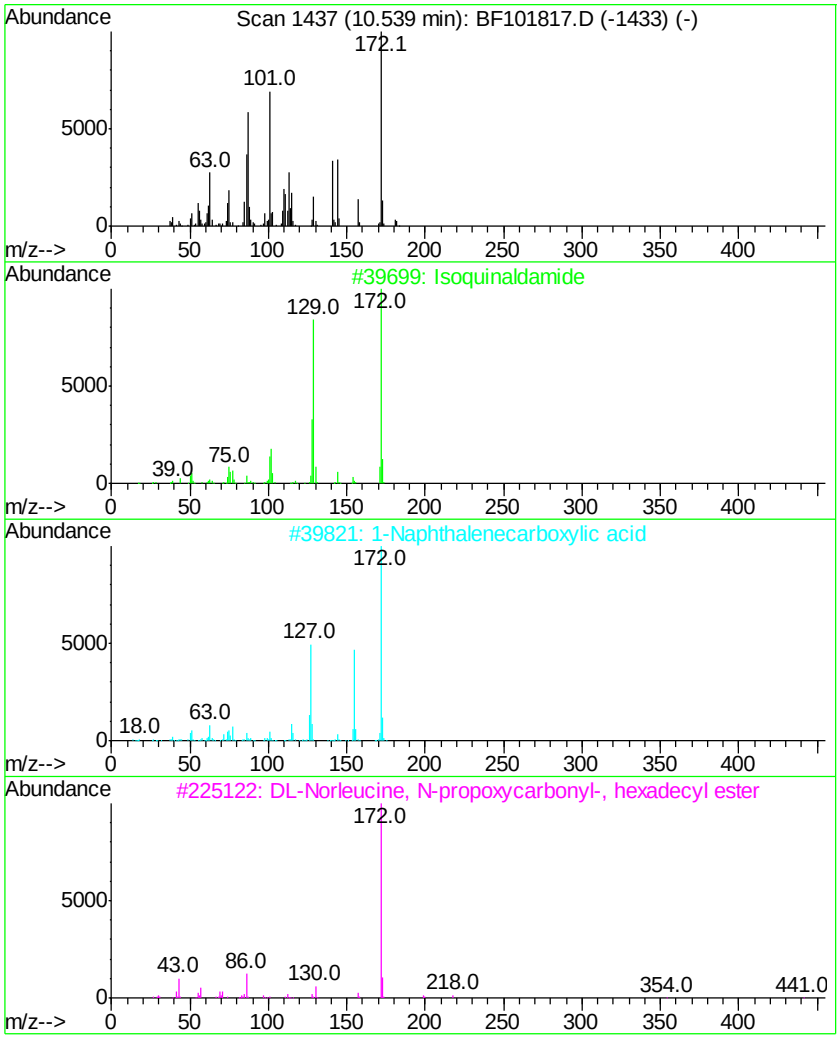
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

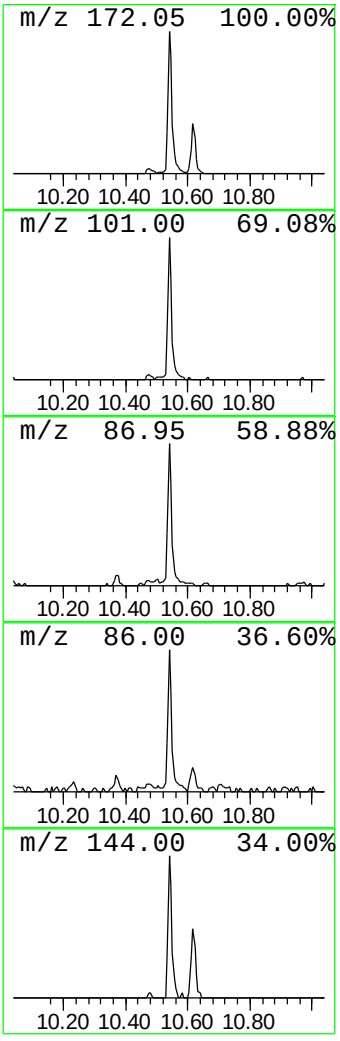
****

Peak Number 5 unknown10.54 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	4.25 ng	247933	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinaldamide	172	C10H8N2O	001436-44-8	22
2	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	22
3	DL-Norleucine, N-propoxycarbonyl...	441	C26H51NO4	1000339-03-8	14
4	l-Isoleucine, N-propoxycarbonyl-...	301	C16H31NO4	1000313-56-6	14
5	Menadione	172	C11H8O2	000058-27-5	14





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

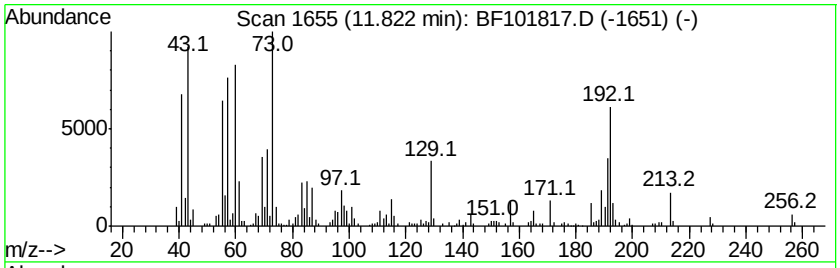
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

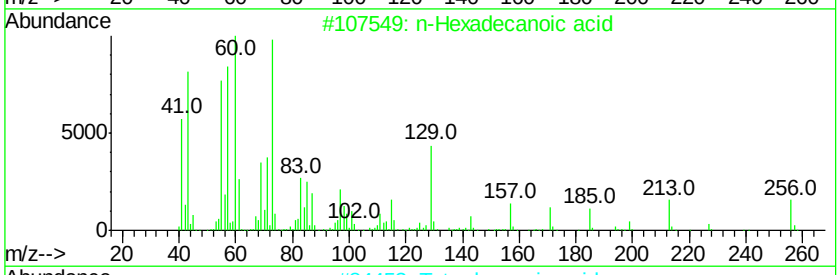
****

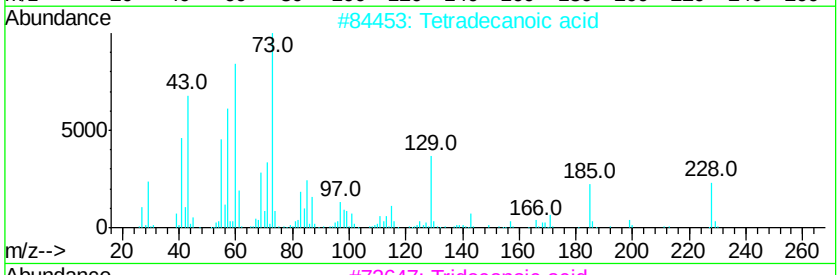
Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

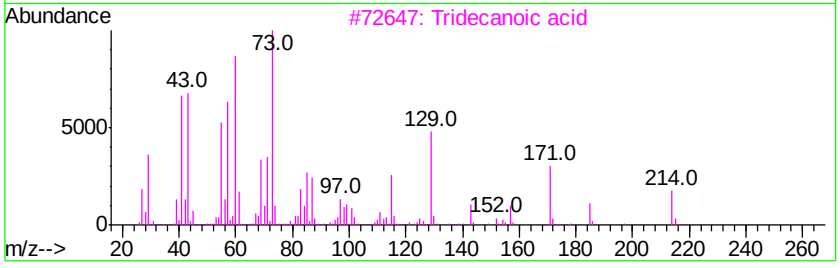
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	8.31 ng	460316	Phenanthrene-d10	11.32

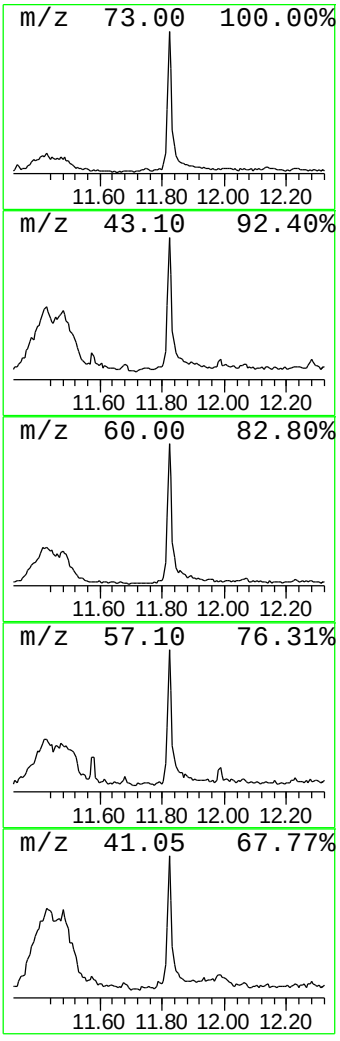
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	56











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Misc :
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Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

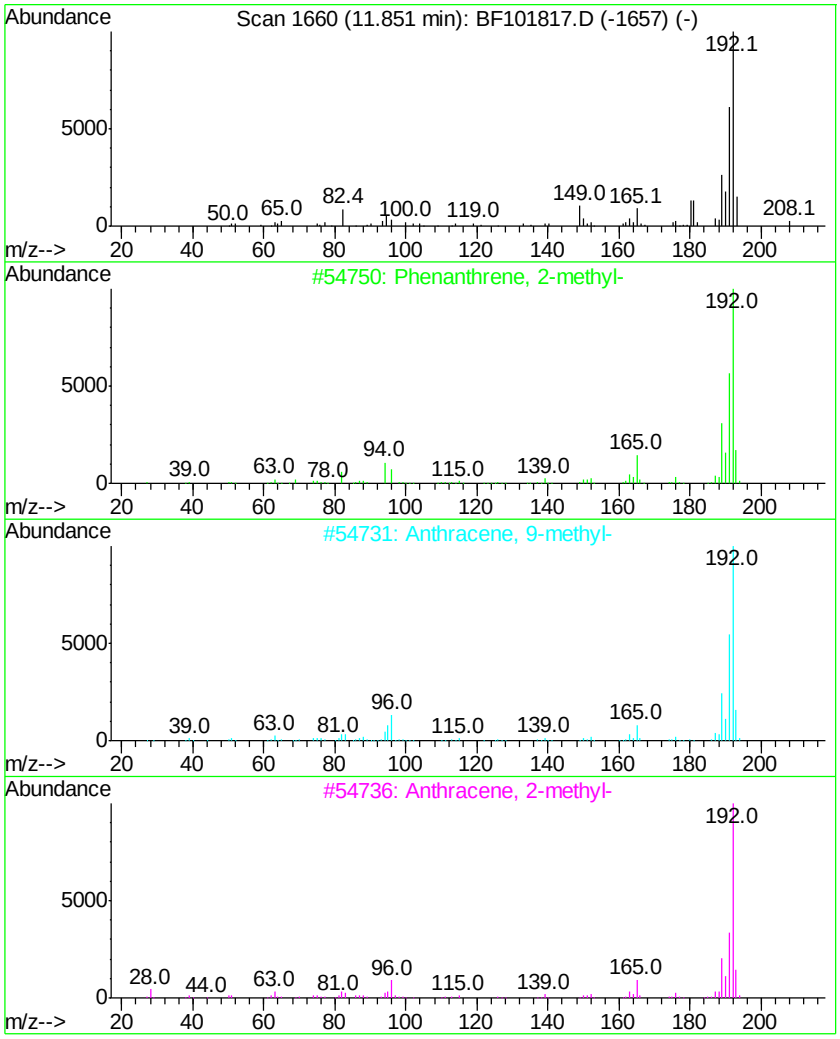
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

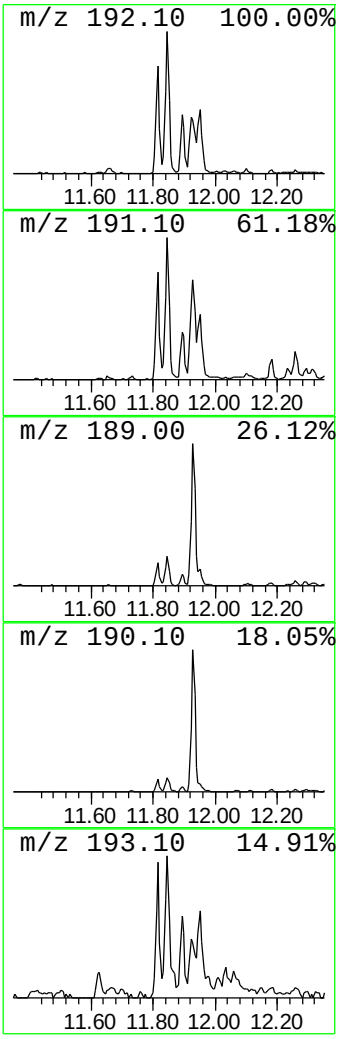
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	4.48 ng	248098	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Library Search Compound Report

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Data File : BF101817.D
Acq On : 29 Dec 2017 9:52
Operator : SJ/JU
Sample : I6995-02 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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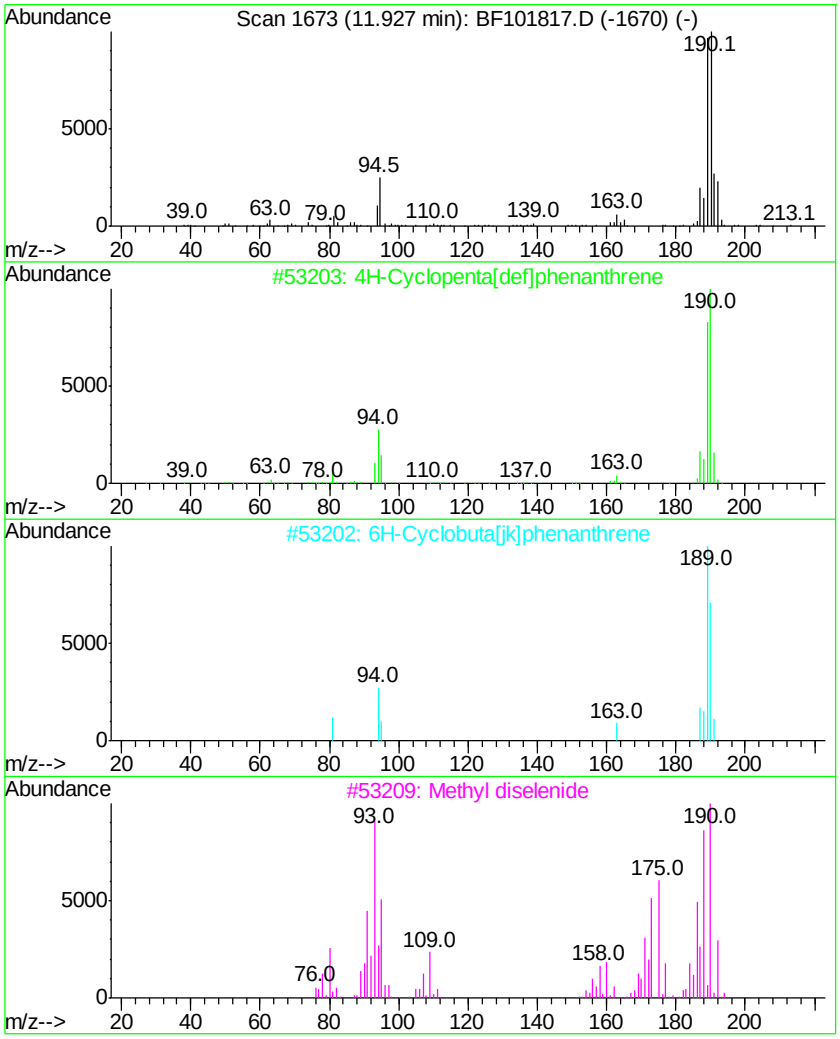
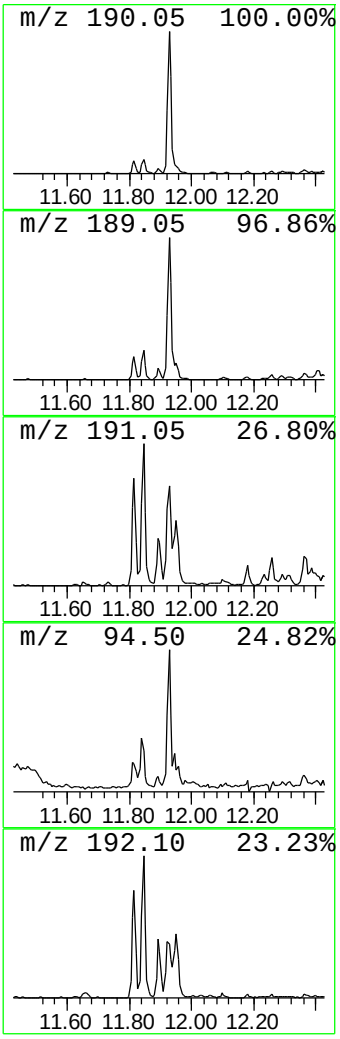
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	6.77 ng	375020	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

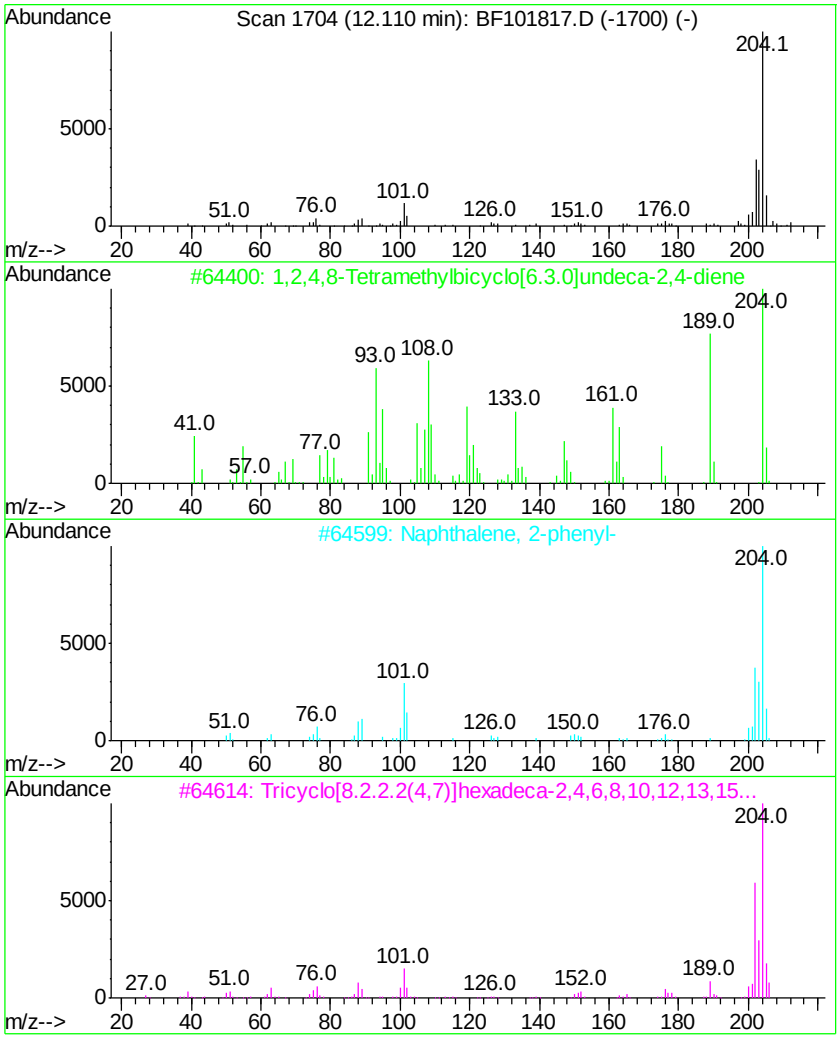
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

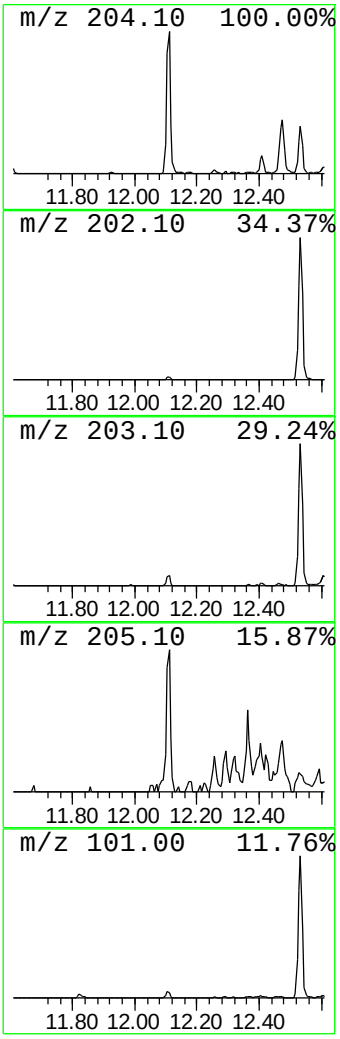
****

Peak Number 9 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	2.43 ng	134579	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	52





Library Search Compound Report

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Sample : I6995-02 2X
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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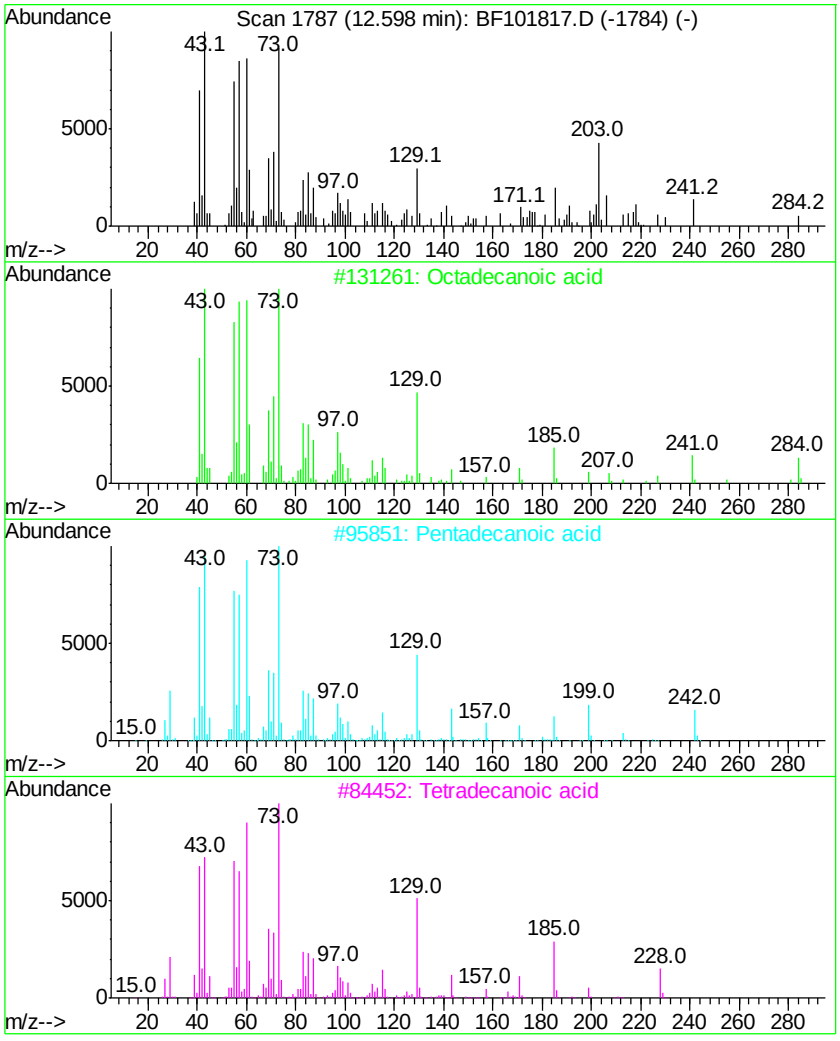
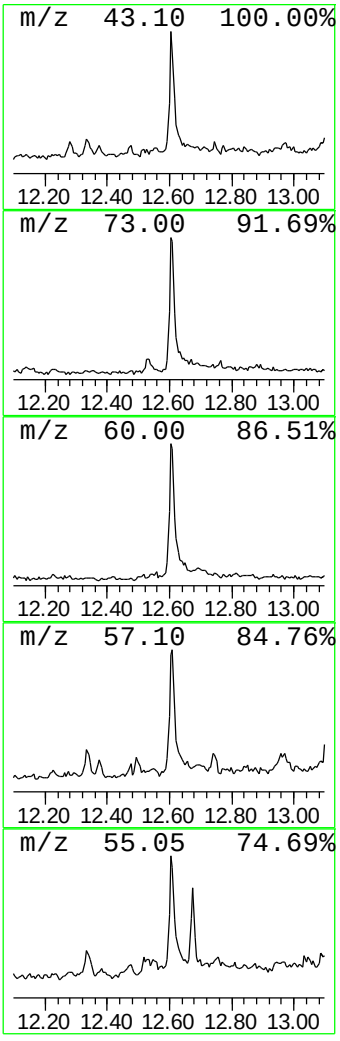
Peak Number 10 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	5.62 ng	311652	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	55
4	Undecanoic acid	186	C11H22O2	000112-37-8	46
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





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Sample : I6995-02 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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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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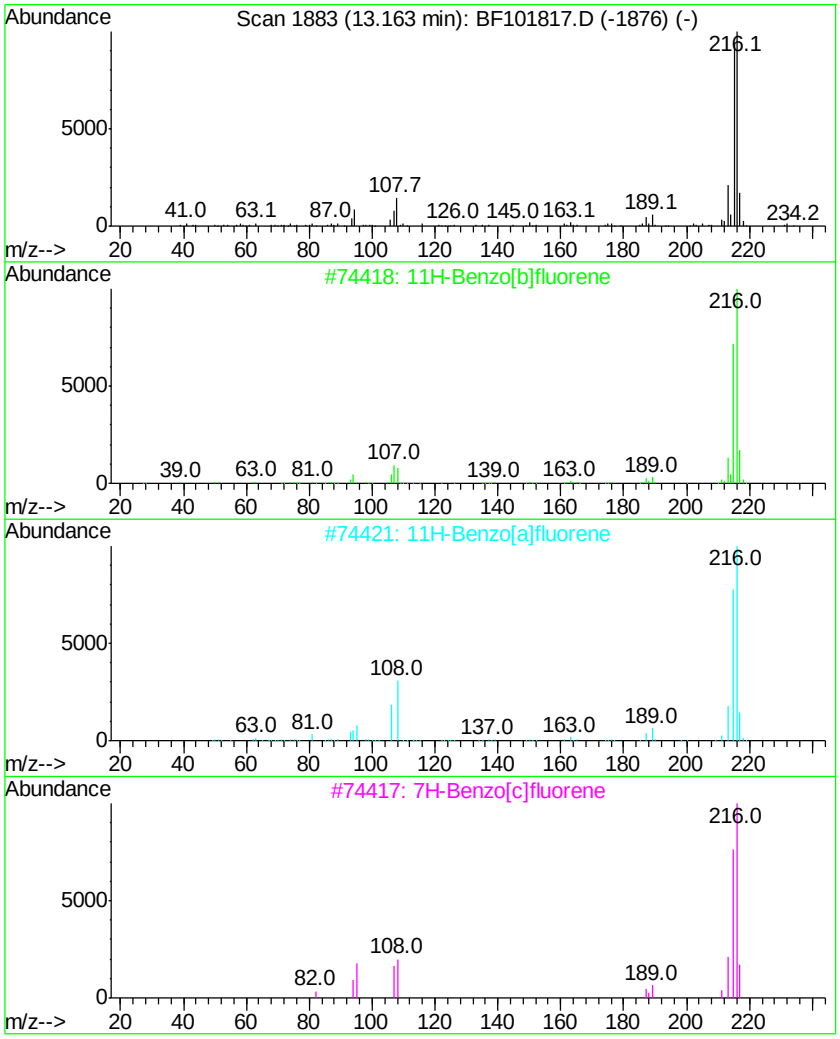
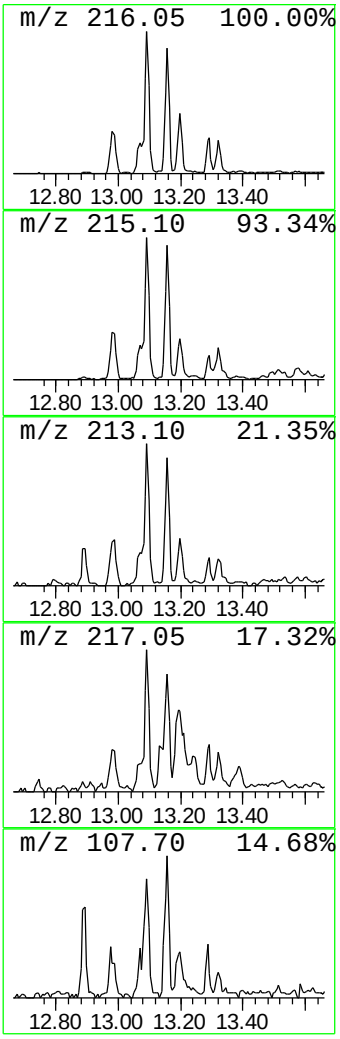
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.36 ng	259785	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Sample : I6995-02 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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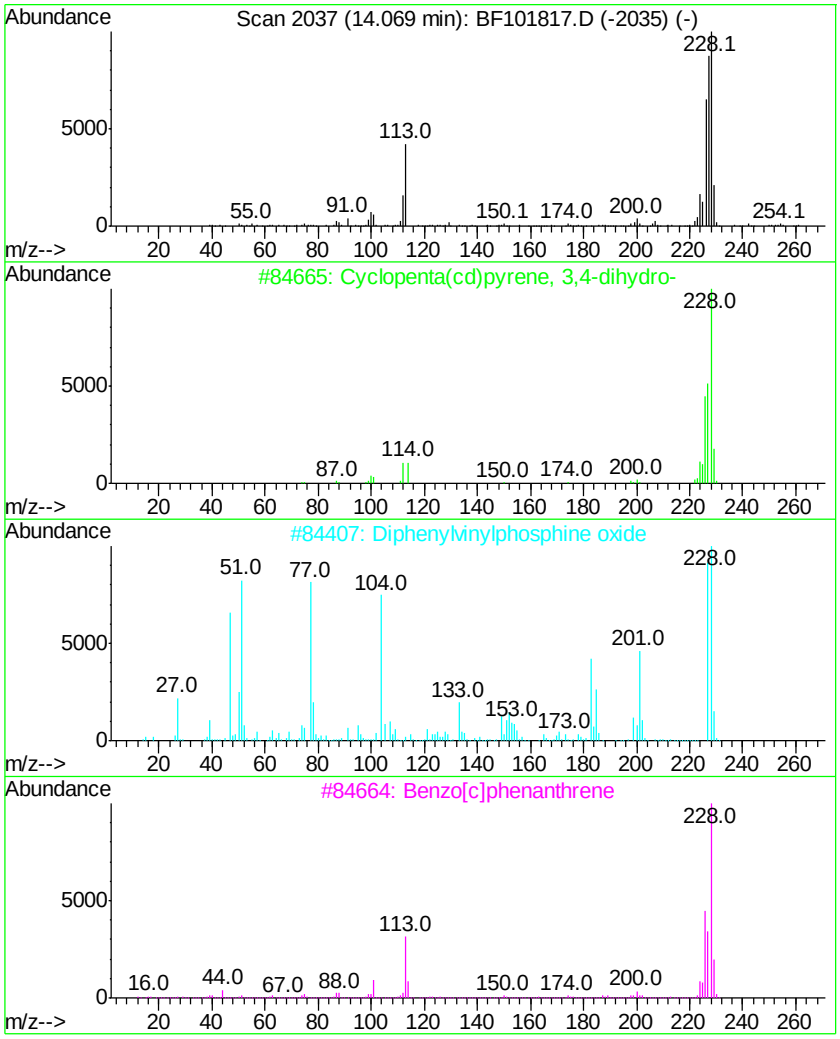
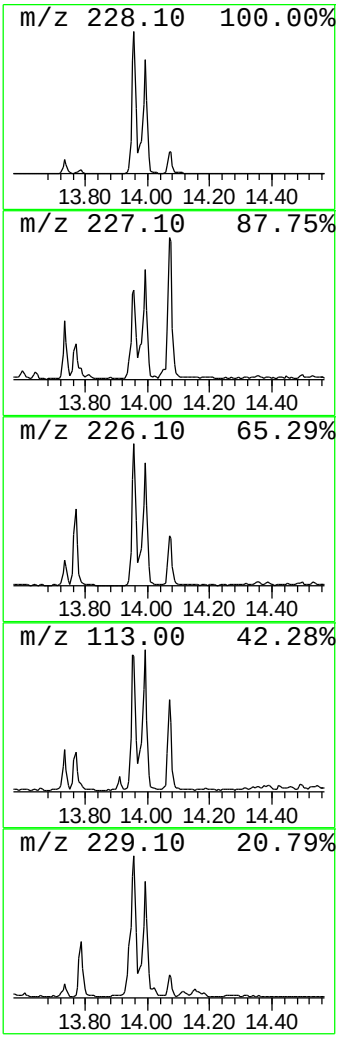
Peak Number 14 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	3.09 ng	340937	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	91
2	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	47
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	45
4	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	43
5	Triphenylene	228	C18H12	000217-59-4	41





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Sample : I6995-02 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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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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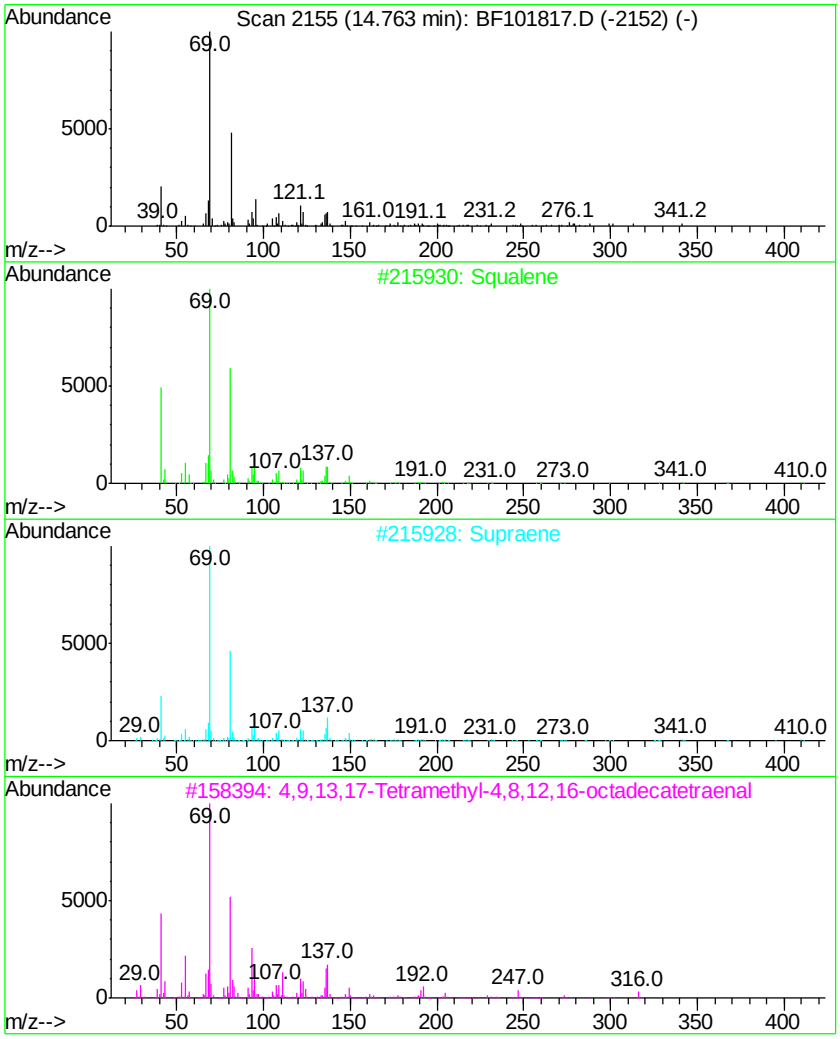
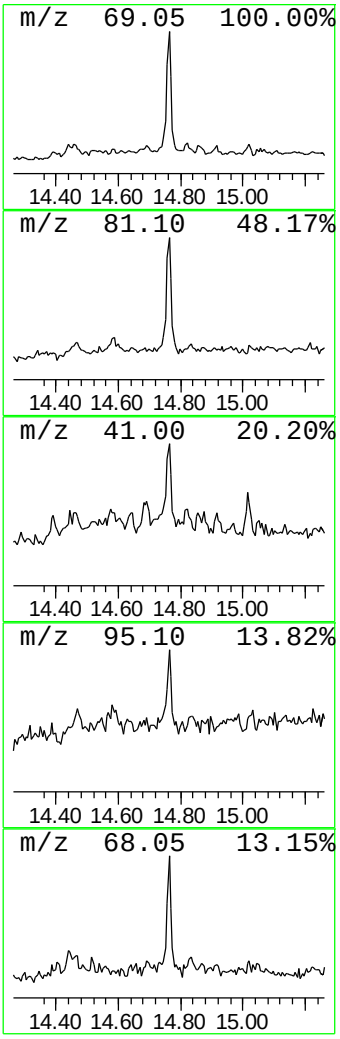
Peak Number 15 Squalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	2.27 ng	95051	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	83
2	Supraene	410	C30H50	007683-64-9	80
3	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	72
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64
5	Carbonic acid, methyl ester, [(E...	280	C17H28O3	1000164-38-7	56





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Sample : I6995-02 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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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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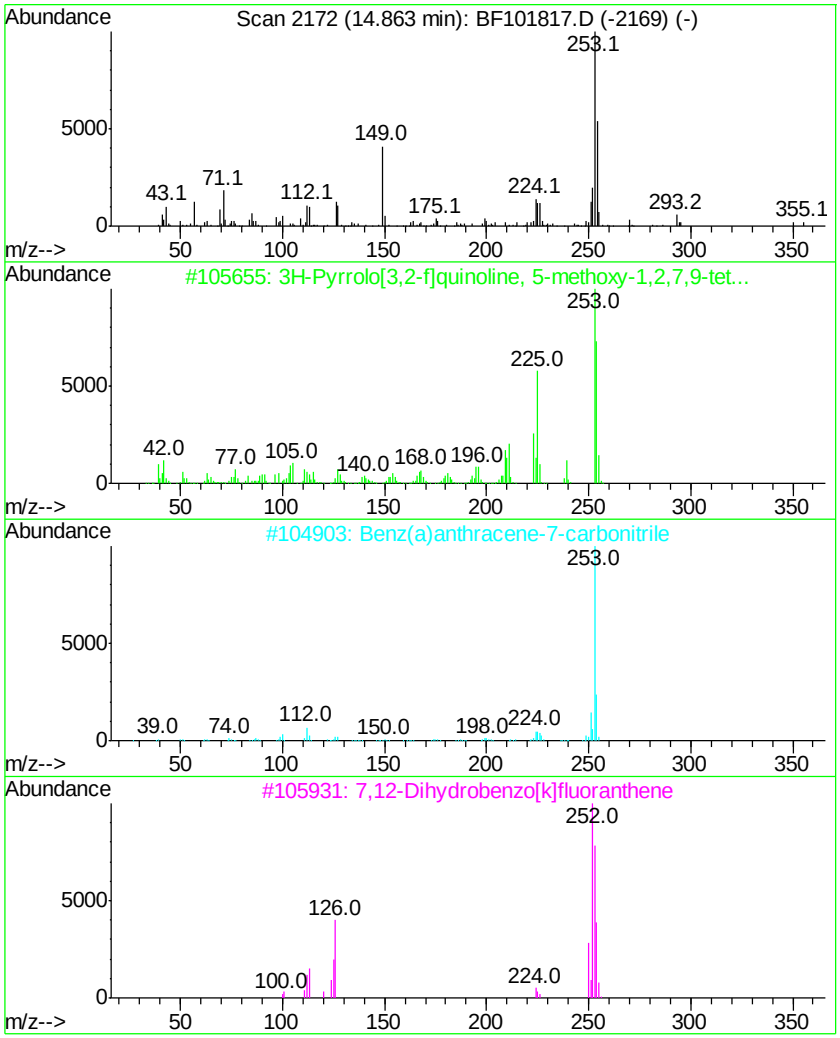
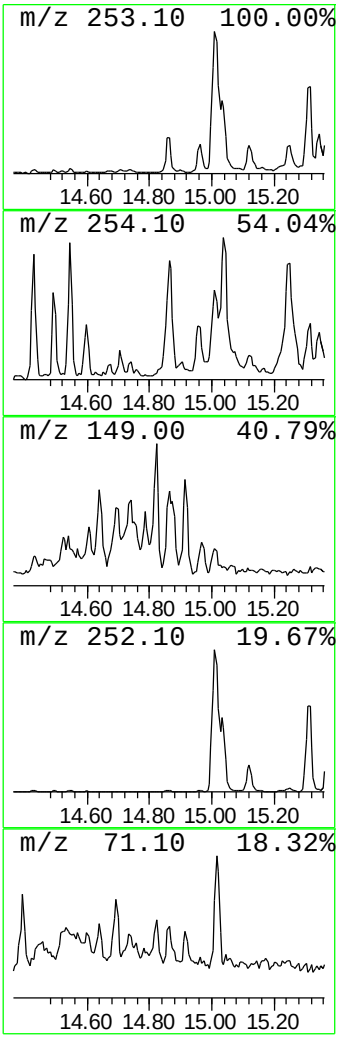
Peak Number 16 unknown14.86 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	2.80 ng	117144	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	47
2	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	43
3	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	38
4	Benzimidazol-5-amine, 1-(4-ethox...	253	C15H15N3O	007104-62-3	38
5	1H-Pyrrolo[2,3-f]quinolin-9-ol, ...	254	C16H18N2O	1000303-71-9	37





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Instrument : BNA_F
ClientSampleId : TP-2

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

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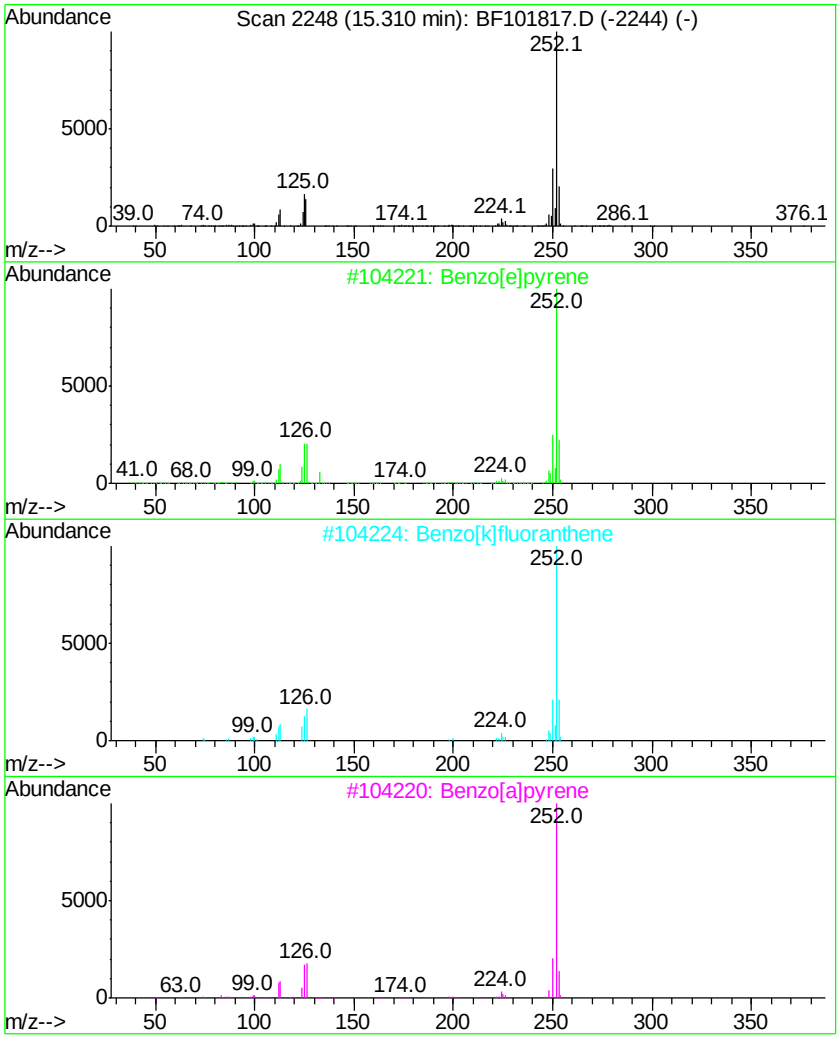
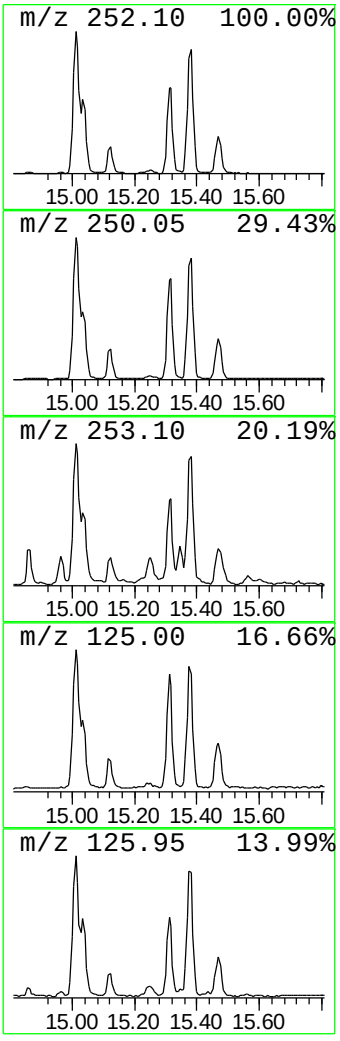
Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	16.77 ng	702340	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





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Sample : I6995-02 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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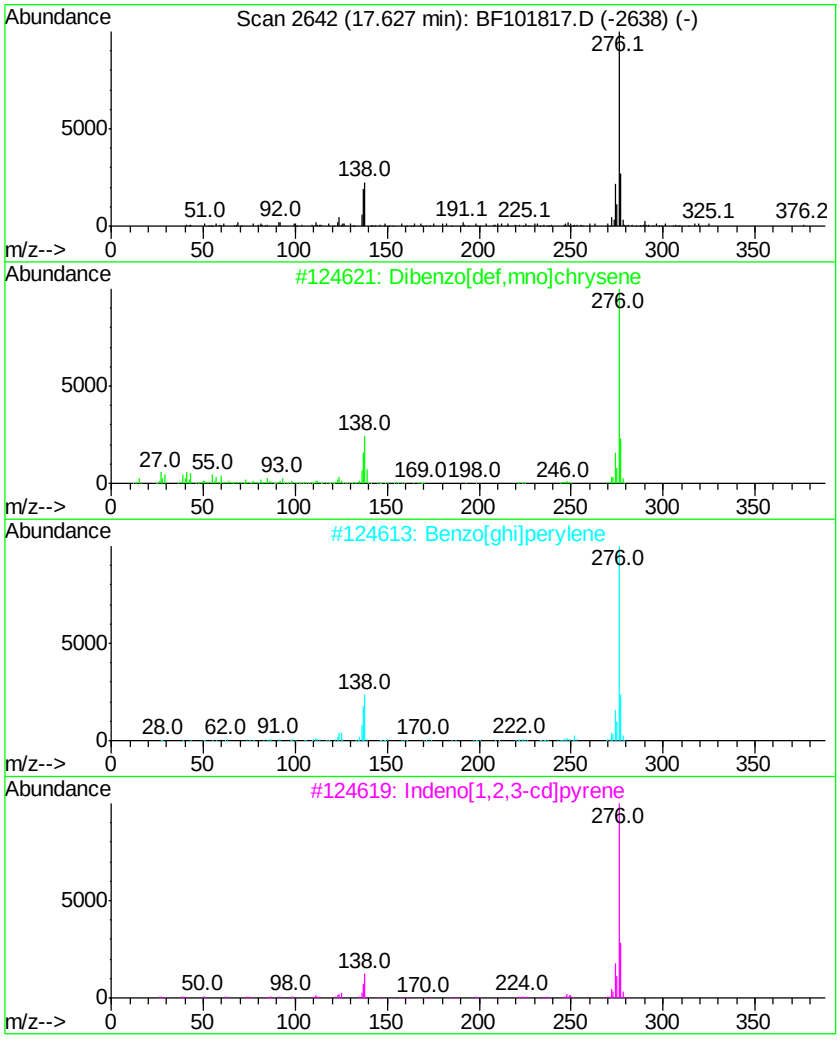
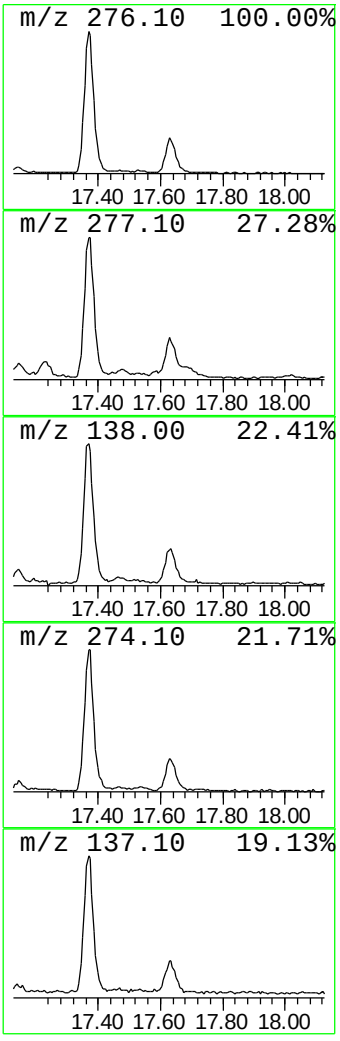
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	3.45 ng	144329	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	90
4	1,3,5-Triazin-2-amine, N-isoprop...	276	C14H24N6	1000276-80-0	46
5	1-Naphthalenecarboxylic acid, 2-...	276	C18H12O3	038119-11-8	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122917\
Data File : BF101817.D
Acq On : 29 Dec 2017 9:52
Operator : SJ/JU
Sample : I6995-02 2X
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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...	4.99	8.4	ng	369827	1	6.78	883210	20.0
unknown6.56	6.56	41.1	ng	1815940	1	6.78	883210	20.0
unknown10.54	10.54	4.3	ng	247933	3	9.82	1168100	20.0
n-Hexadecanoic acid	11.82	8.3	ng	460316	4	11.32	1108410	20.0
Phenanthrene, 2-m...	11.85	4.5	ng	248098	4	11.32	1108410	20.0
4H-Cyclopenta[def...	11.93	6.8	ng	375020	4	11.32	1108410	20.0
1,2,4,8-Tetrameth...	12.11	2.4	ng	134579	4	11.32	1108410	20.0
Octadecanoic acid	12.60	5.6	ng	311652	4	11.32	1108410	20.0
11H-Benzo[b]fluorene	13.16	2.4	ng	259785	5	13.97	2205300	20.0
Cyclopenta(cd)pyr...	14.07	3.1	ng	340937	5	13.97	2205300	20.0
Squalene	14.76	2.3	ng	95051	6	15.43	837818	20.0
unknown14.86	14.86	2.8	ng	117144	6	15.43	837818	20.0
Benzo[e]pyrene	15.31	16.8	ng	702340	6	15.43	837818	20.0
Dibenzo[def,mno]c...	17.63	3.5	ng	144329	6	15.43	837818	20.0