LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107671.D
Acq On : 25 Jul 2018 21:38
Operator : JU/SJ
Sample : J4031-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PLANTER-DOC-6

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-BF072018.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	5.196	482	486	497	rBV	282776	322419	11.90%	0.730%
2	5.596	550	554	588	rBV	1299866	1931140	71.27%	4.373%
3	6.595	721	724	745	rBV	1228072	2026778	74.79%	4.590%
4	6.737	745	748	763	rVV	1756725	2034494	75.08%	4.607%
5	6.966	784	787	804	rBV	1015734	1278123	47.17%	2.894%
6	7.119	810	813	829	rBV	1438542	1616646	59.66%	3.661%
7	7.531	879	883	902	rBV	886657	1241666	45.82%	2.812%
8	7.672	904	907	912	rVB2	134701	121416	4.48%	0.275%
9	8.248	1001	1005	1034	rBV	1405070	1697073	62.63%	3.843%
10	8.966	1123	1127	1134	rBV	24129	34608	1.28%	0.078%
11	9.319	1184	1187	1197	rBV	1923955	1995377	73.64%	4.519%
12	9.389	1197	1199	1202	rVB	75663	62926	2.32%	0.143%
13	9.595	1231	1234	1237	rVB3	41993	45055	1.66%	0.102%
14	9.636	1237	1241	1243	rBV	606484	490700	18.11%	1.111%
15	9.654	1243	1244	1248	rVV3	80021	77993	2.88%	0.177%
16	9.713	1251	1254	1256	rVV	167556	146090	5.39%	0.331%
17	9.731	1256	1257	1260	rVV	58011	50267	1.86%	0.114%
18	9.760	1260	1262	1264	rVB	51686	40806	1.51%	0.092%
19	9.872	1274	1281	1284	rBV	110070	127164	4.69%	0.288%
20	9.936	1290	1292	1295	rVB2	34117	28613	1.06%	0.065%
21	10.007	1301	1304	1308	rBV	1393669	1413240	52.15%	3.200%
22	10.042	1308	1310	1314	rVV	157465	145507	5.37%	0.330%
23	10.125	1318	1324	1329	rVB5	33245	59033	2.18%	0.134%
24	10.219	1334	1340	1343	rBV2	55153	86081	3.18%	0.195%
25	10.419	1369	1374	1378	rVB2	39646	51789	1.91%	0.117%
26	10.560	1394	1398	1404	rBV	94333	102791	3.79%	0.233%
27	10.619	1404	1408	1410	rBV2	35022	42941	1.58%	0.097%
28	10.678	1415	1418	1422	rVV3	117183	123469	4.56%	0.280%
29	10.719	1422	1425	1428	rVB2	30584	32429	1.20%	0.073%
30	10.801	1435	1439	1445	rBV	1023341	1094617	40.39%	2.479%
31	11.013	1473	1475	1477	rVB2	38008	30138	1.11%	0.068%
32	11.048	1477	1481	1485	rBV7	16839	28458	1.05%	0.064%
33	11.107	1485	1491	1495	rVV5	47155	79965	2.95%	0.181%
34	11.148	1495	1498	1503	rVV7	32350	59875	2.21%	0.136%

LSC Area Percent Report

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Sample : J4031-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PLANTER-DOC-6

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-BF072018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.213	1507	1509	1511	rVV2	33418	37241	1.37%	0.084%
36	11.254	1514	1516	1522	rVB5	30840	45528	1.68%	0.103%
37	11.307	1522	1525	1529	rVB2	44715	47755	1.76%	0.108%
38	11.342	1529	1531	1535	rBV4	63388	71150	2.63%	0.161%
39	11.401	1538	1541	1544	rVB	56386	48798	1.80%	0.111%
40	11.507	1555	1559	1561	rBV	1241751	1289713	47.59%	2.921%
41	11.530	1561	1563	1569	rVV	1250608	1142531	42.16%	2.587%
42	11.577	1569	1571	1576	rVB	269555	297220	10.97%	0.673%
43	11.742	1594	1599	1602	rBV	105052	145697	5.38%	0.330%
44	11.795	1606	1608	1611	rVV	39286	39247	1.45%	0.089%
45	11.836	1612	1615	1619	rVB3	37445	43794	1.62%	0.099%
46	12.007	1641	1644	1647	rBV	306058	309143	11.41%	0.700%
47	12.036	1647	1649	1654	rVB2	207909	202847	7.49%	0.459%
48	12.083	1654	1657	1660	rBV	92376	83524	3.08%	0.189%
49	12.119	1660	1663	1666	rBV	304088	368737	13.61%	0.835%
50	12.189	1671	1675	1678	rBV4	51802	63624	2.35%	0.144%
51	12.301	1691	1694	1697	rBV	127659	115405	4.26%	0.261%
52	12.330	1697	1699	1705	rVB	101841	110002	4.06%	0.249%
53	12.448	1717	1719	1722	rBV	44646	38020	1.40%	0.086%
54	12.483	1722	1725	1727	rBV	38059	30637	1.13%	0.069%
55	12.507	1727	1729	1732	rVB	41641	32832	1.21%	0.074%
56	12.554	1734	1737	1741	rBV2	114681	184922	6.82%	0.419%
57	12.595	1741	1744	1746	rVV3	91878	96569	3.56%	0.219%
58	12.648	1749	1753	1758	rBV2	118819	153966	5.68%	0.349%
59	12.724	1762	1766	1774	rBV	2480132	2535493	93.57%	5.742%
60	12.789	1774	1777	1780	rBV2	49366	58872	2.17%	0.133%
61	12.819	1780	1782	1784	rVB	46193	33930	1.25%	0.077%
62	12.848	1784	1787	1789	rBV3	36788	44501	1.64%	0.101%
63	12.877	1789	1792	1794	rBV	60557	56684	2.09%	0.128%
64	12.960	1799	1806	1811	rBV	2104593	2709785	100.00%	6.137%
65	13.001	1811	1813	1818	rVB2	132374	126389	4.66%	0.286%
66	13.089	1822	1828	1831	rBV	1432395	1537870	56.75%	3.483%
67	13.171	1838	1842	1847	rBV2	139328	207361	7.65%	0.470%
68	13.283	1853	1861	1865	rBV	330141	579420	21.38%	1.312%
69	13.348	1869	1872	1875	rBV	227655	204251	7.54%	0.463%
70	13.389	1875	1879	1880	rVV3	192852	272092	10.04%	0.616%
71	13.407	1880	1882	1886	rVB2	260787	290974	10.74%	0.659%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : PLANTER-DOC-6

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
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72	13.477	1892	1894	1897	rBV	116127	103690	3.83%	0.235%
73	13.519	1897	1901	1903	rVV2	798275	786270	29.02%	1.781%
74	13.548	1903	1906	1912	rVB2	365956	456814	16.86%	1.035%
75	13.766	1940	1943	1945	rBV3	90215	93490	3.45%	0.212%
76	13.795	1945	1948	1952	rVB	189676	214284	7.91%	0.485%
77	13.907	1964	1967	1969	rBV2	187576	190198	7.02%	0.431%
78	13.930	1969	1971	1973	rVV	200924	177970	6.57%	0.403%
79	13.966	1973	1977	1981	rVV2	242808	421533	15.56%	0.955%
80	14.001	1981	1983	1987	rVB	167476	177450	6.55%	0.402%
81	14.160	2004	2010	2012	rBV2	1610027	2613729	96.46%	5.919%
82	14.183	2012	2014	2021	rVB	1248482	1255039	46.32%	2.842%
83	14.266	2025	2028	2030	rBV	258908	258742	9.55%	0.586%
84	14.542	2073	2075	2078	rVB	207598	157477	5.81%	0.357%
85	15.242	2189	2194	2196	rBV	933885	1519936	56.09%	3.442%
86	15.348	2210	2212	2219	rVB	174850	211993	7.82%	0.480%
87	15.565	2244	2249	2255	rVB	517508	764981	28.23%	1.732%
88	15.630	2256	2260	2265	rBV	749873	1034943	38.19%	2.344%
89	15.695	2268	2271	2275	rVV	496279	598532	22.09%	1.355%
90	17.277	2535	2540	2553	rVB3	283857	743930	27.45%	1.685%

Sum of corrected areas: 44157212

LSC Report - Integrated Chromatogram

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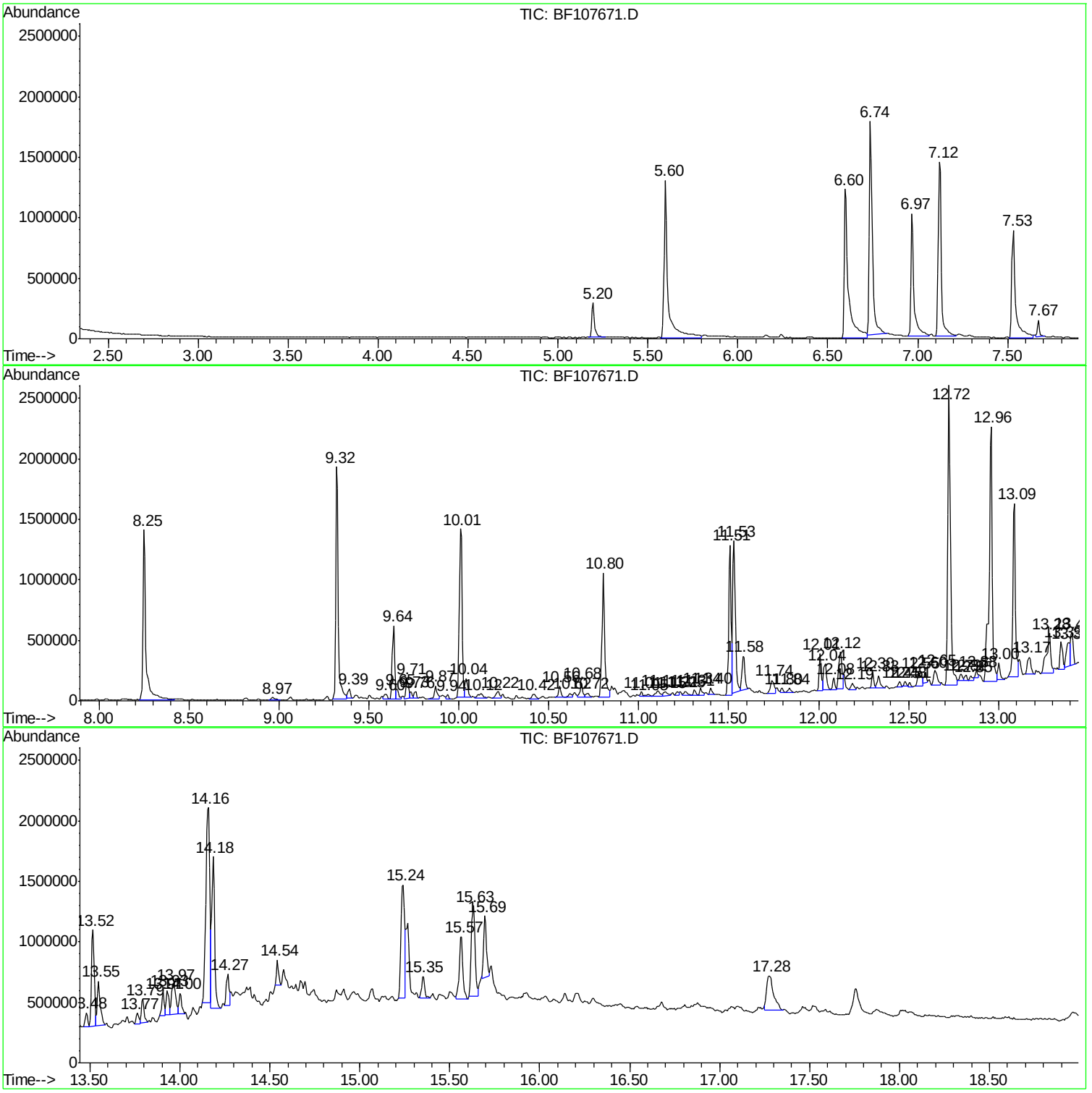
Sample : J4031-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PLANTER-DOC-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
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ClientSampleId : PLANTER-DOC-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

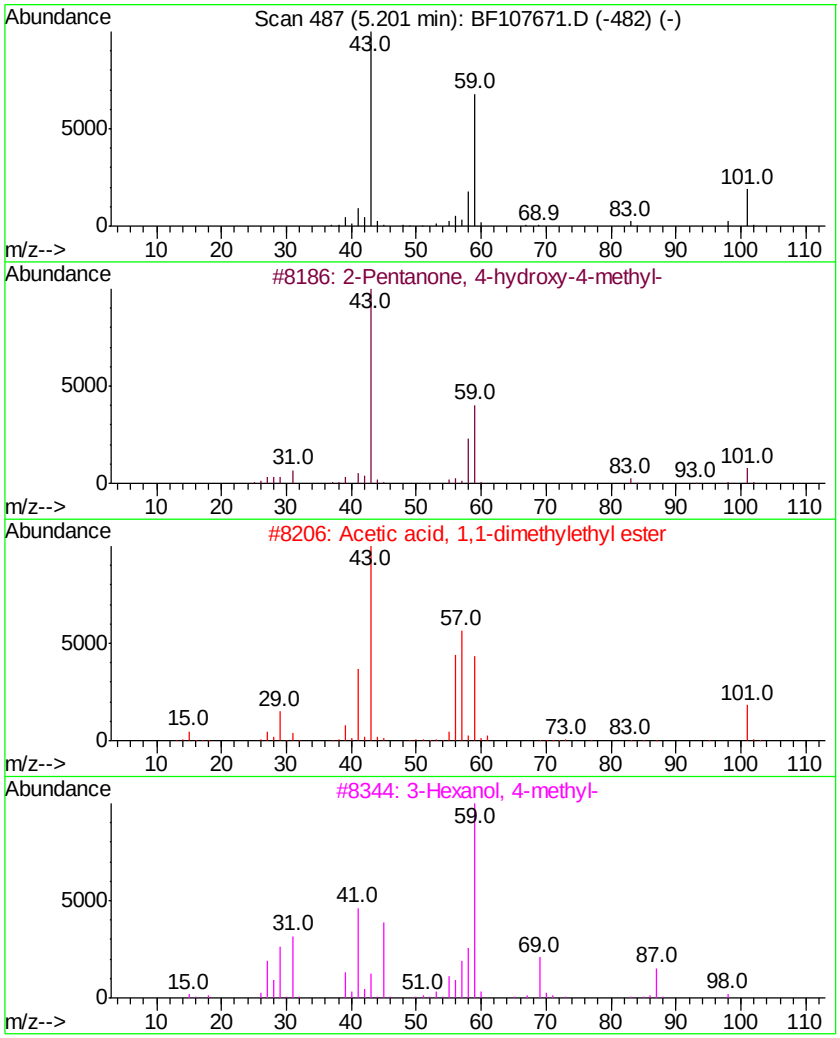
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

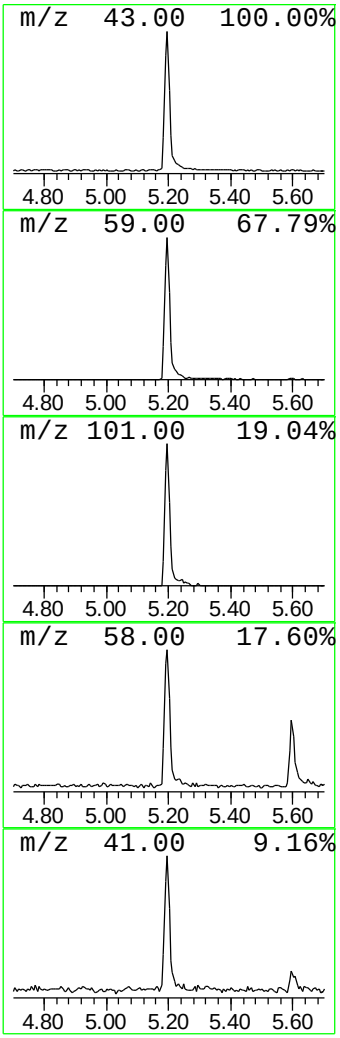
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	5.05 ng	322419	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
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Acq On : 25 Jul 2018 21:38
Operator : JU/SJ
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PLANTER-DOC-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

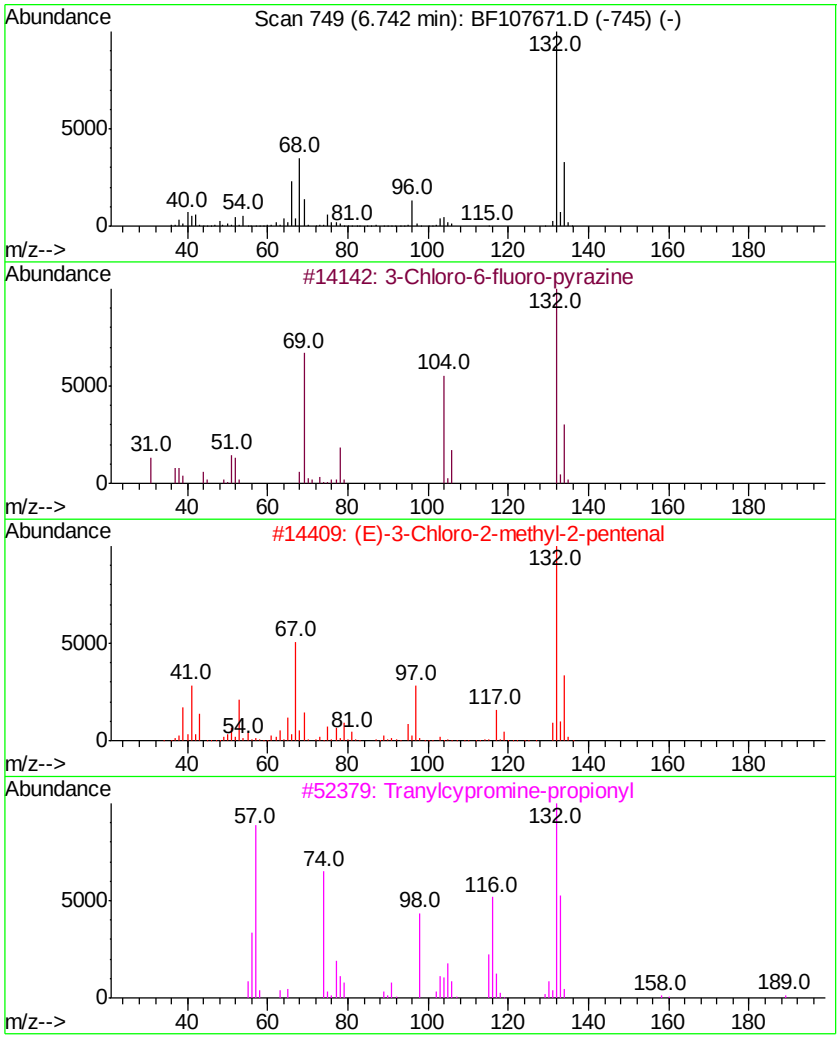
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

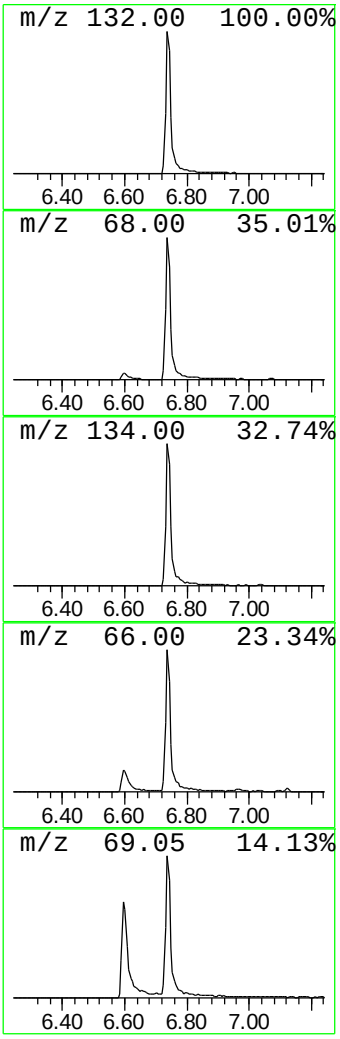
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	31.84 ng	2034490	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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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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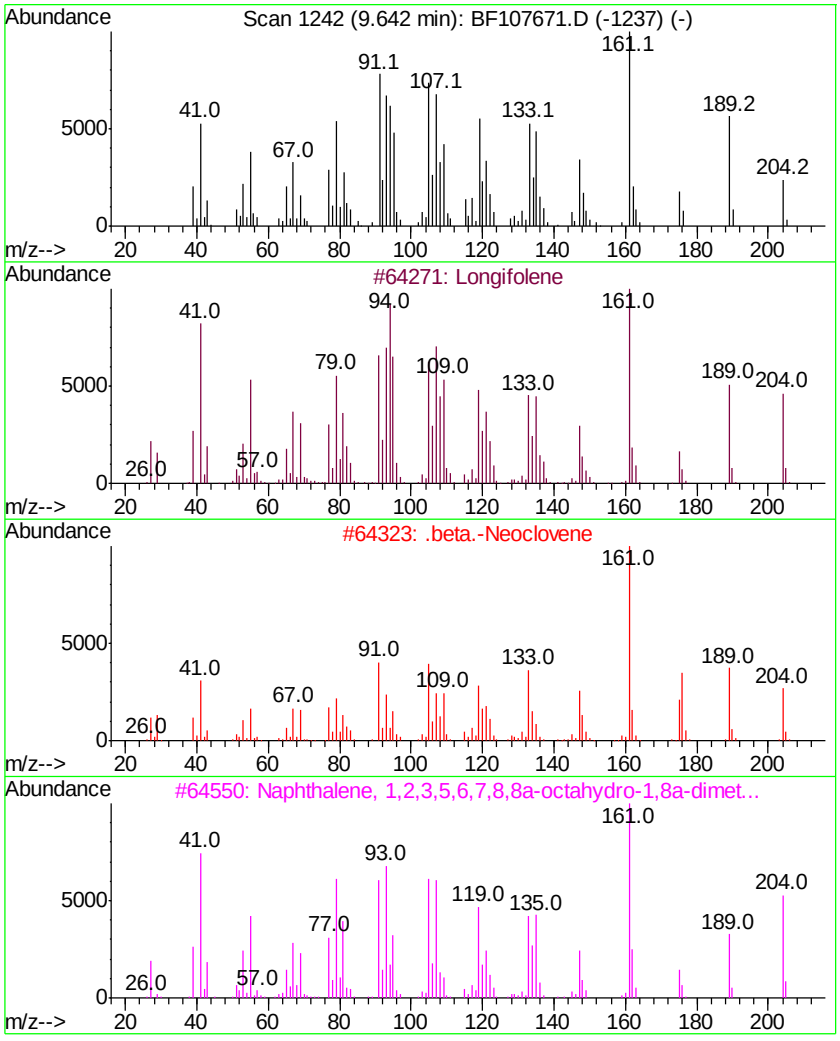
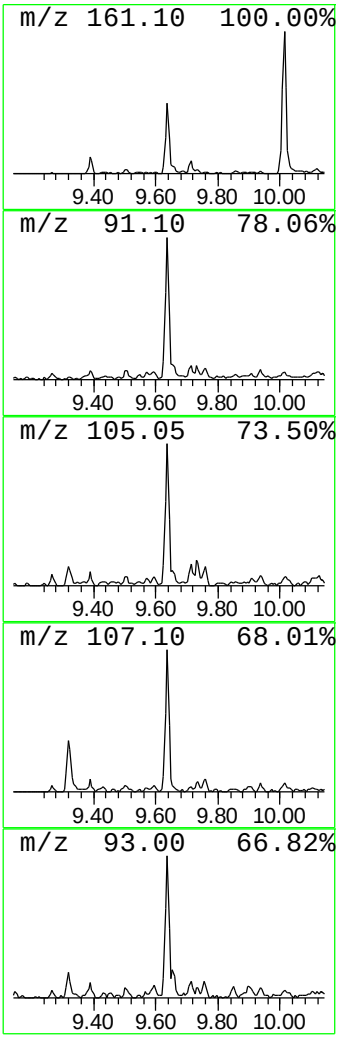
Peak Number 4 Longifolene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	6.94 ng	490700	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Longifolene	204	C15H24	000475-20-7	99
2	.beta.-Neoclovene	204	C15H24	056684-96-9	91
3	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	010219-75-7	91
4	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	91
5	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	86





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

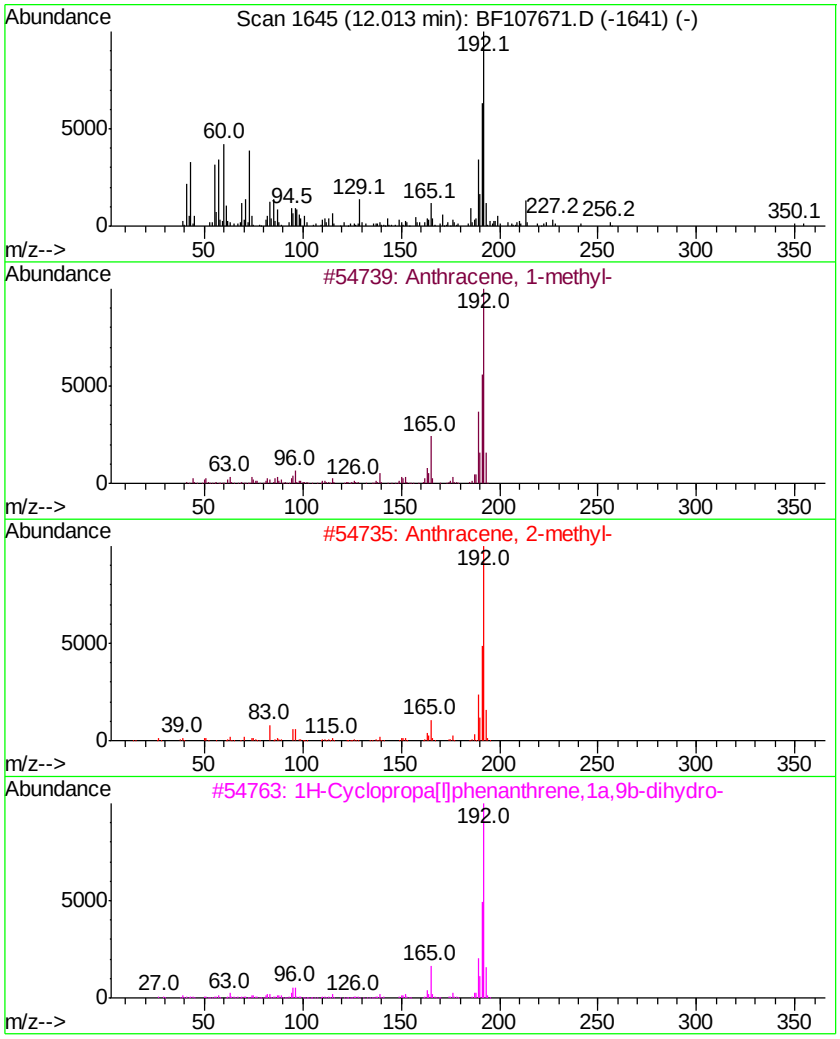
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

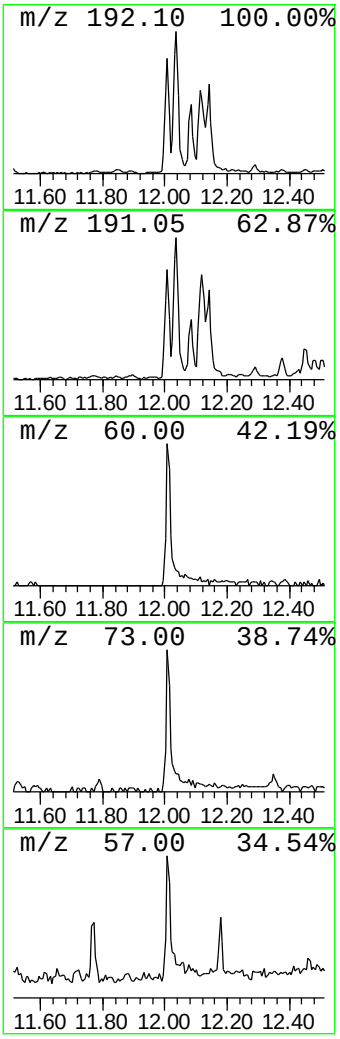
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	4.79 ng	309143	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64





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Sample : J4031-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PLANTER-DOC-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

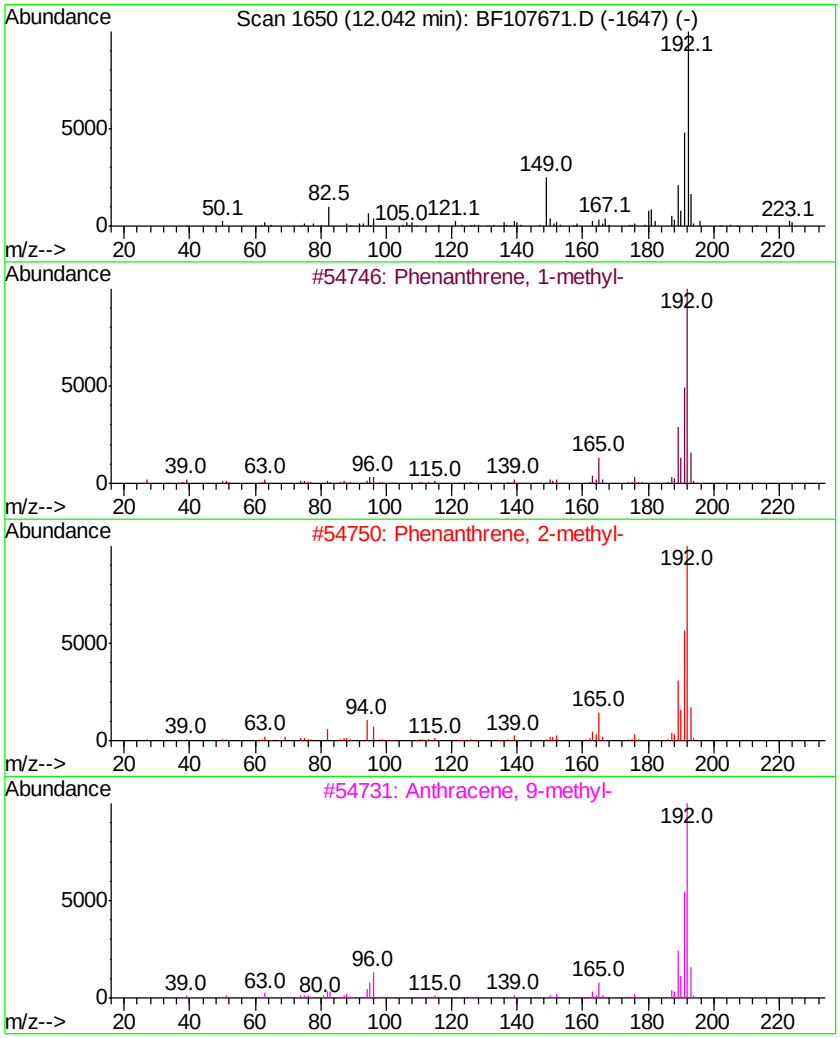
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

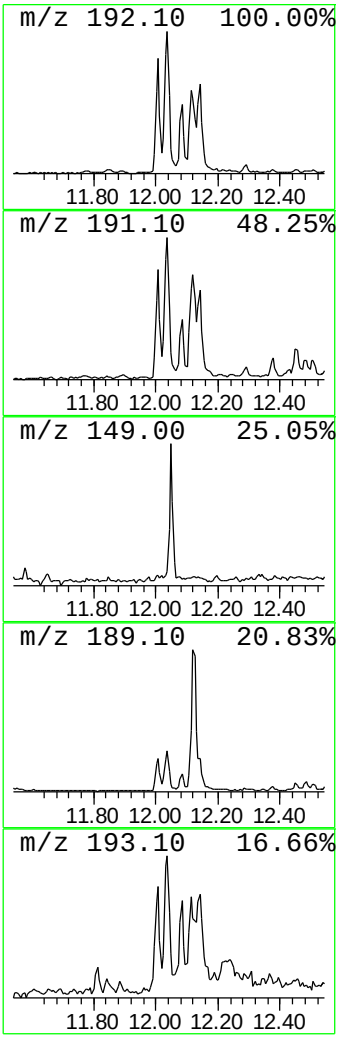
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	3.15 ng	202847	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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Instrument : BNA_F
ClientSampleId : PLANTER-DOC-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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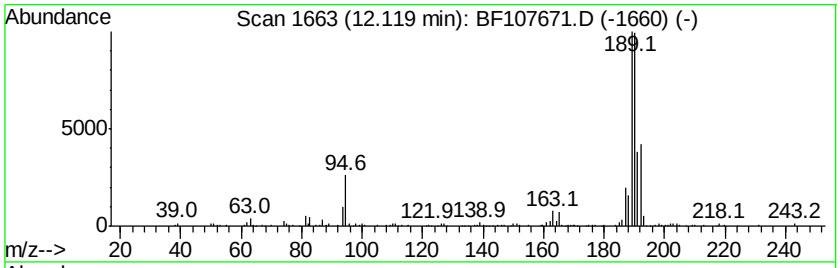
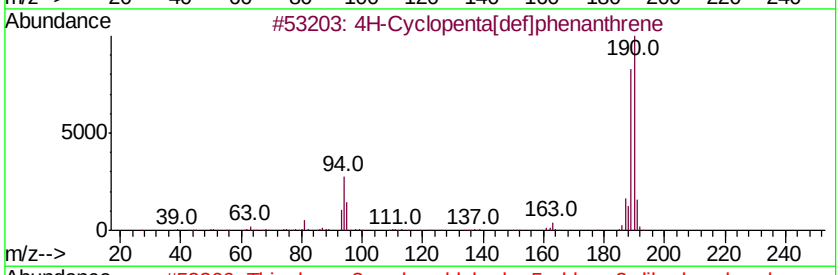
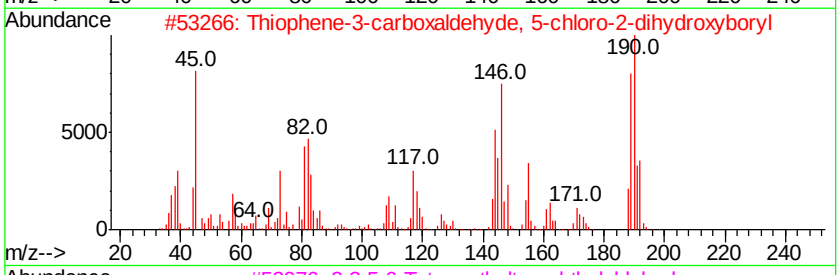
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

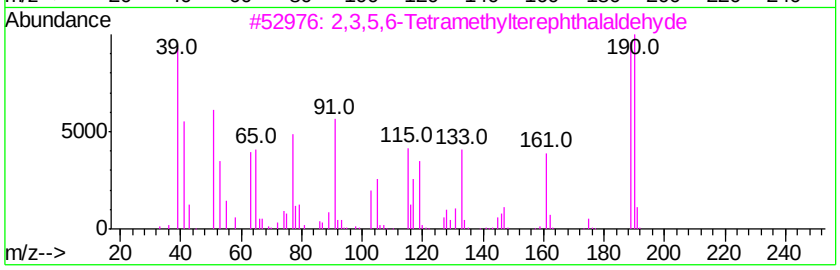
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	5.72 ng	368737	Phenanthrene-d10	11.51

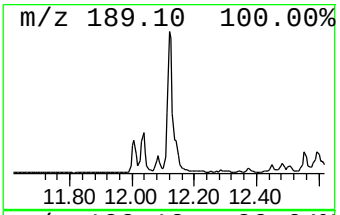
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37

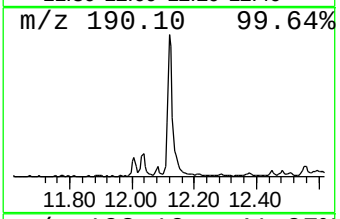


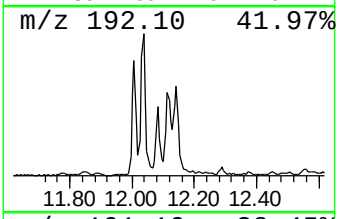


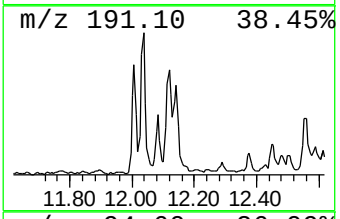


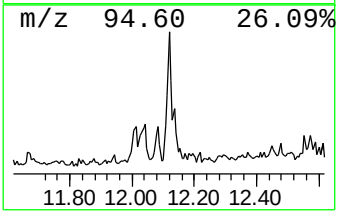












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Acq On : 25 Jul 2018 21:38
Operator : JU/SJ
Sample : J4031-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PLANTER-DOC-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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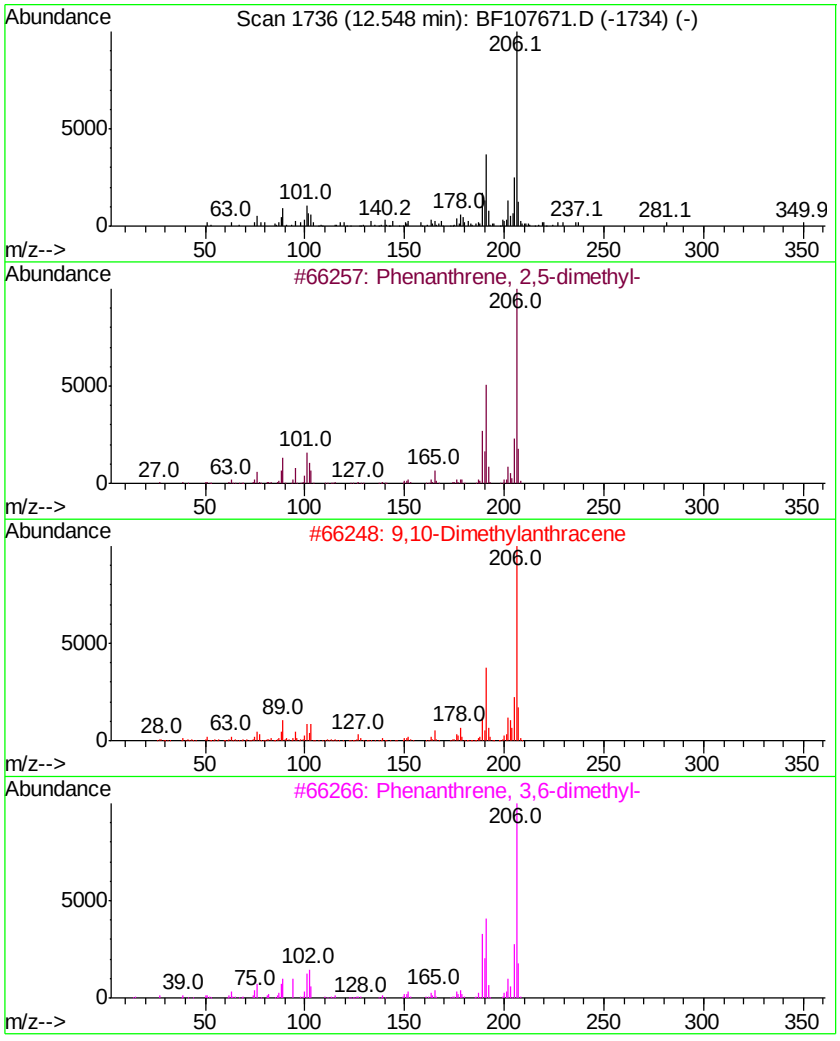
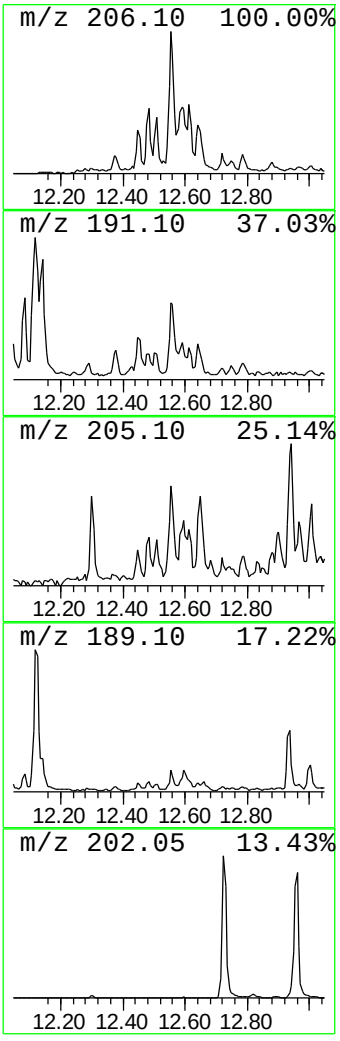
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	2.87 ng	184922	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





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

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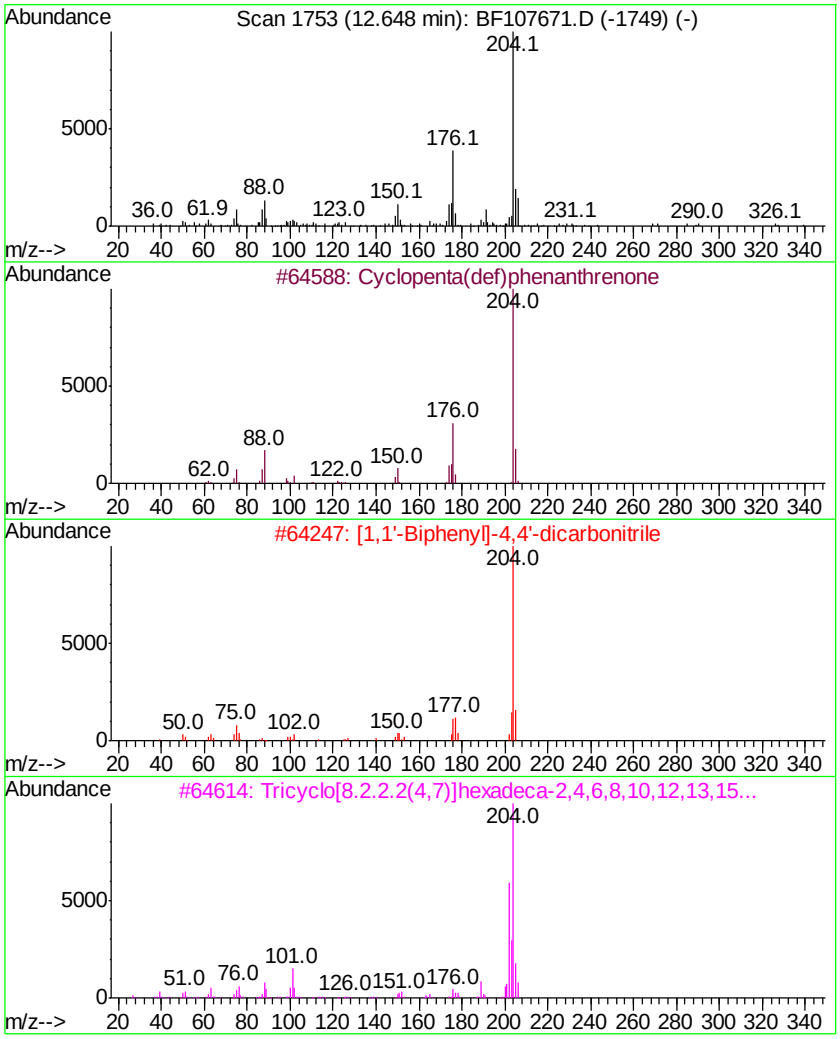
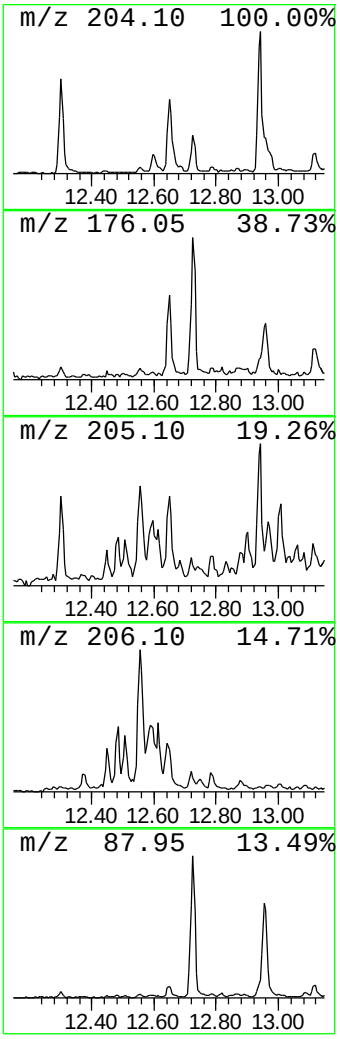
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	2.39 ng	153966	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	50
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43





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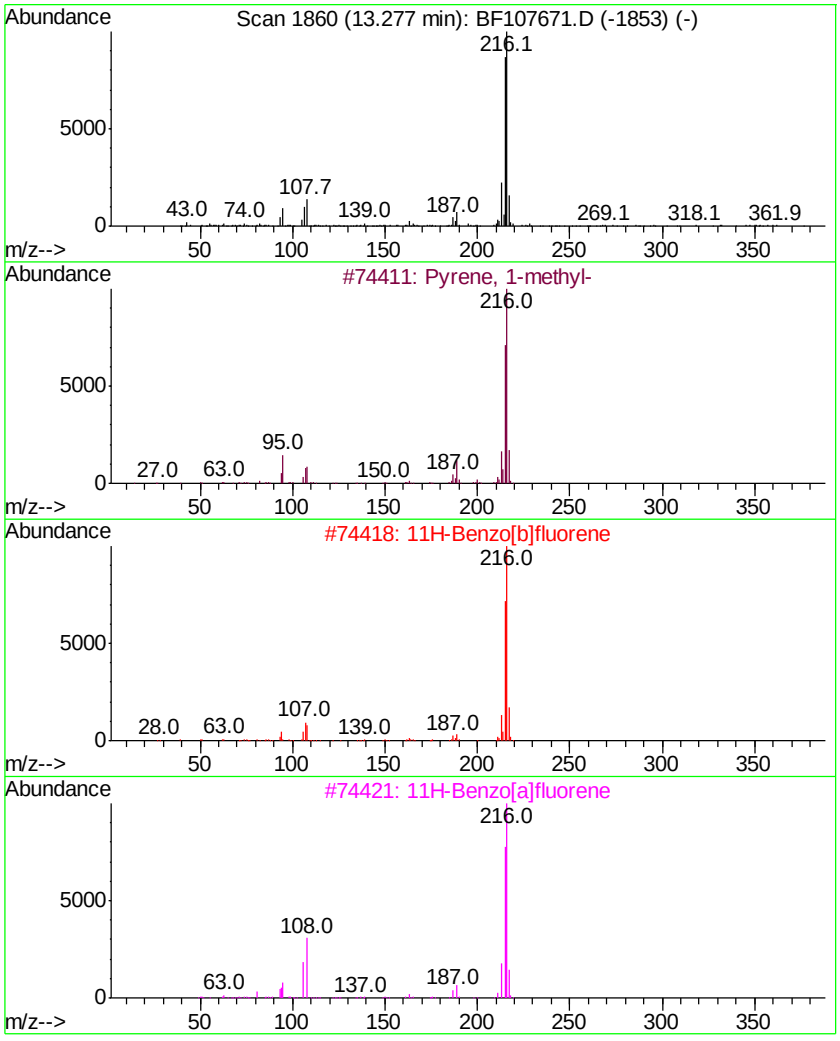
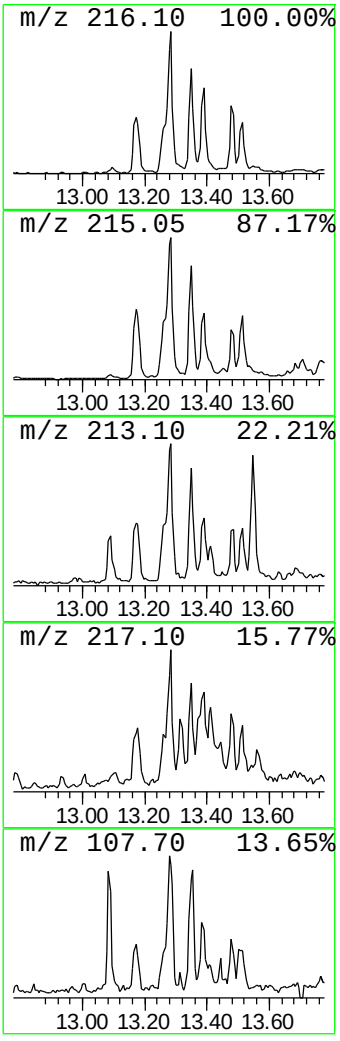
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	4.43 ng	579420	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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

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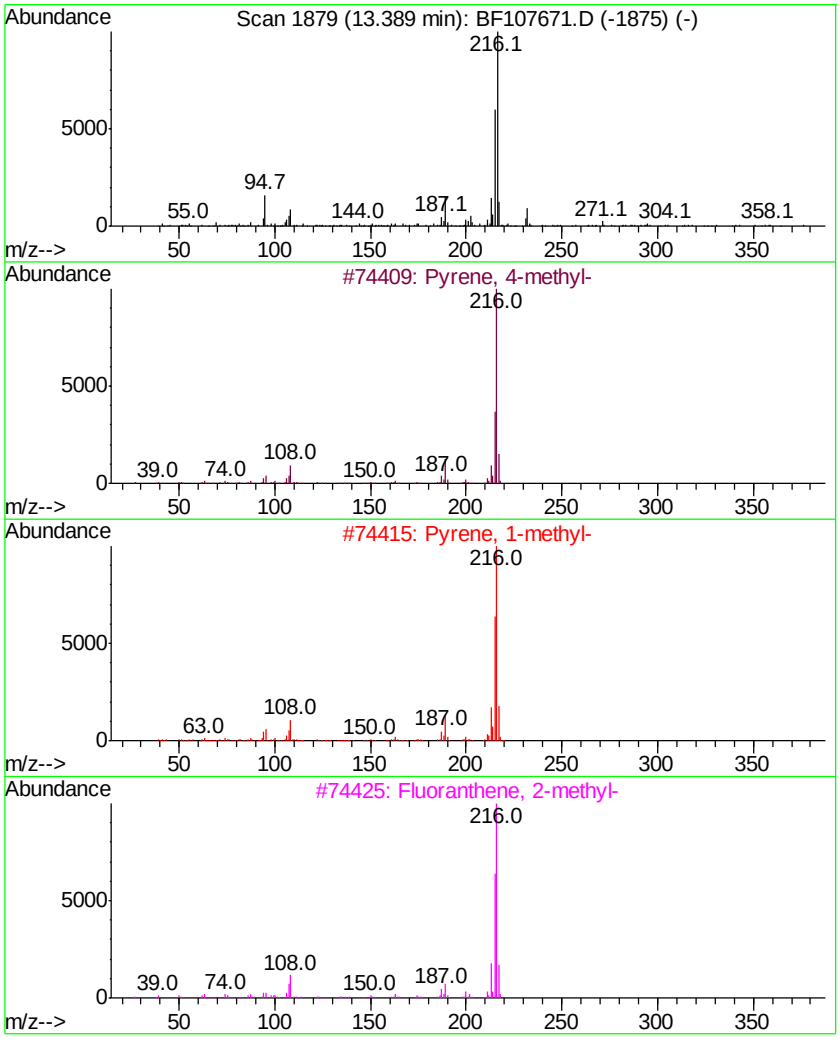
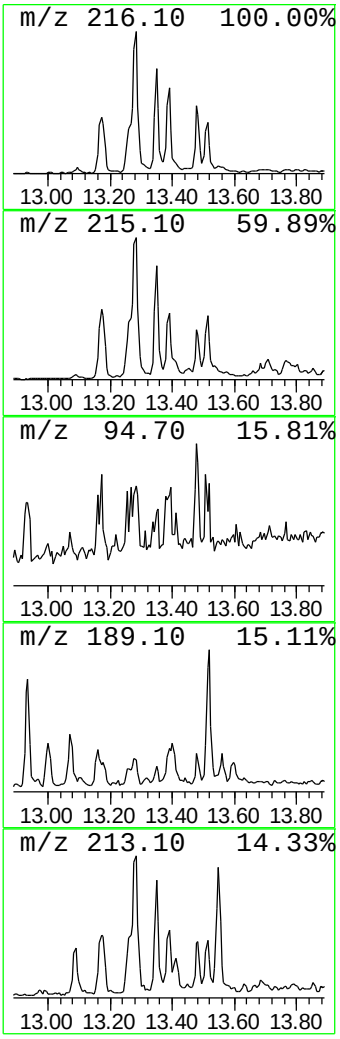
Peak Number 11 Pyrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	2.08 ng	272092	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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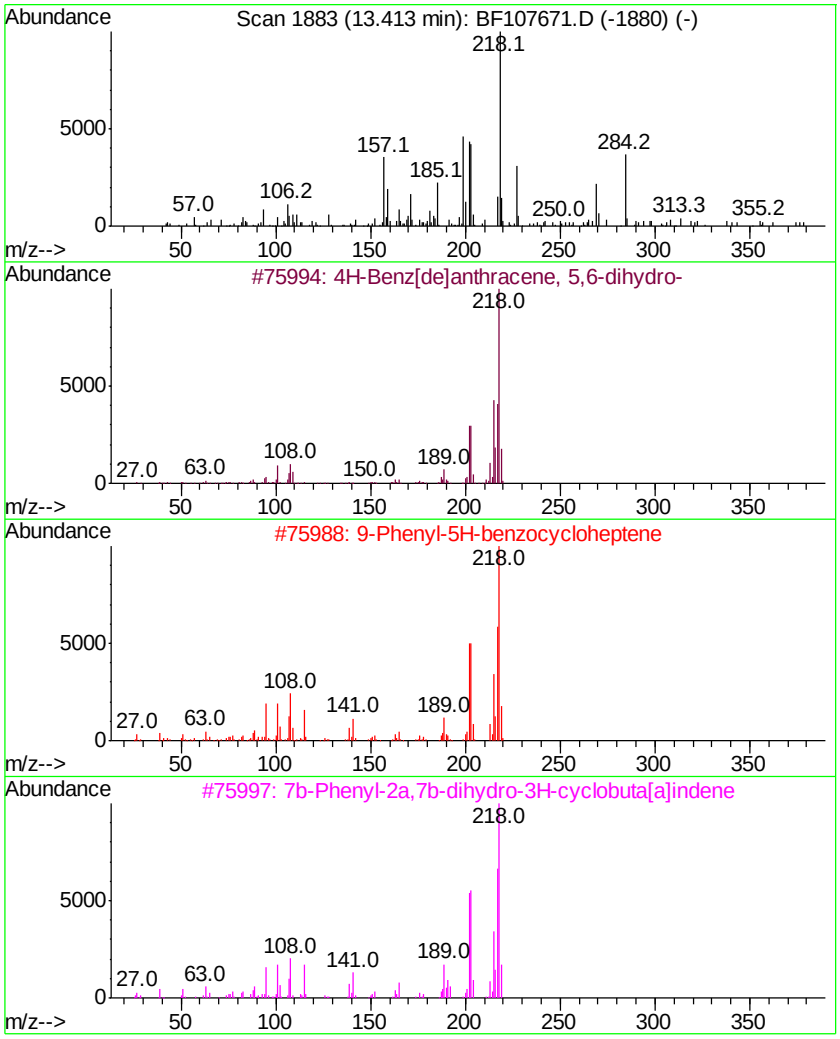
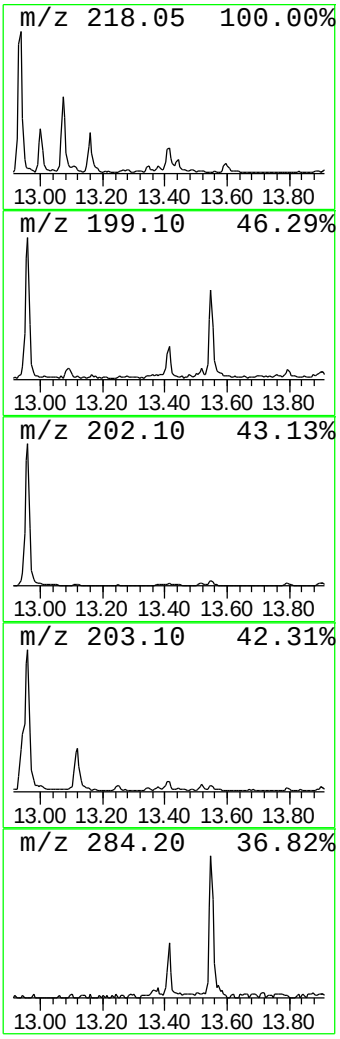
Peak Number 12 4H-Benz[de]anthracene, 5,6-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	2.23 ng	290974	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Benz[de]anthracene, 5,6-dihydro-	218	C17H14	004389-09-7	53
2	9-Phenyl-5H-benzocycloheptene	218	C17H14	138089-71-1	49
3	7b-Phenyl-2a,7b-dihydro-3H-cyclo...	218	C17H14	138089-70-0	49
4	1,4-Methanonaphthalene, 1,4-dihy...	218	C17H14	055028-73-4	47
5	Pyrrolo[2,3-b]indole, 1,2,3,3a,8...	218	C13H18N2O	046479-70-3	38





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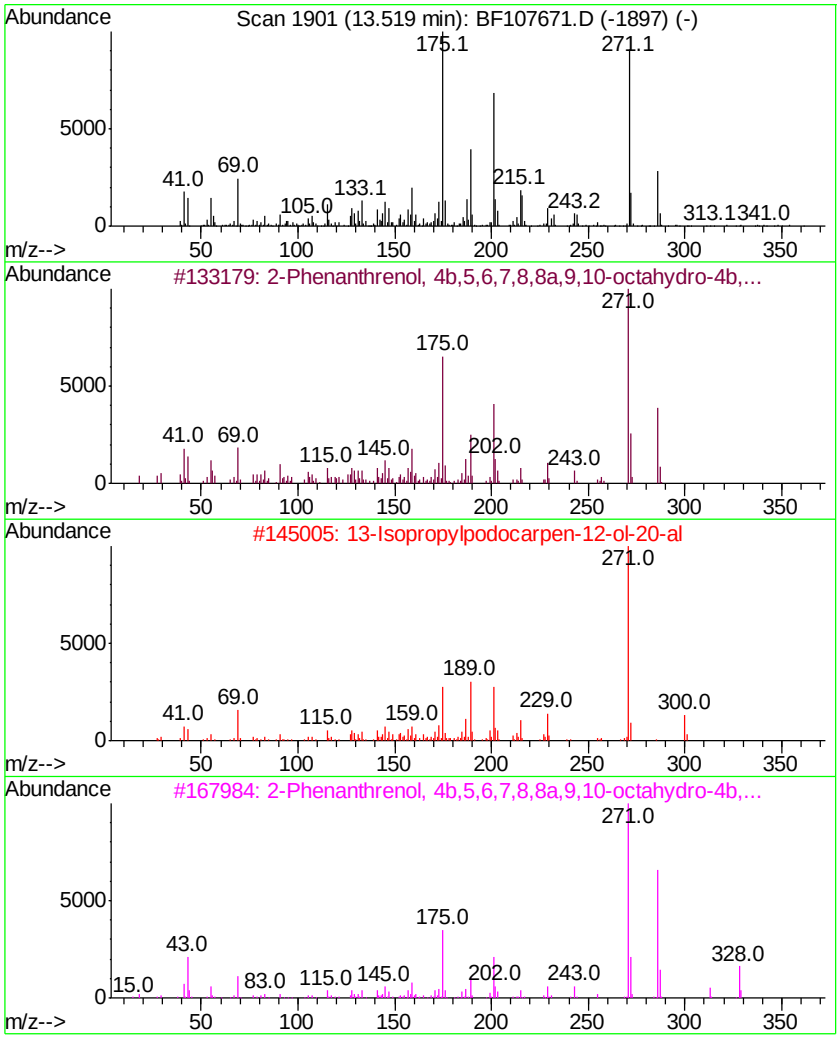
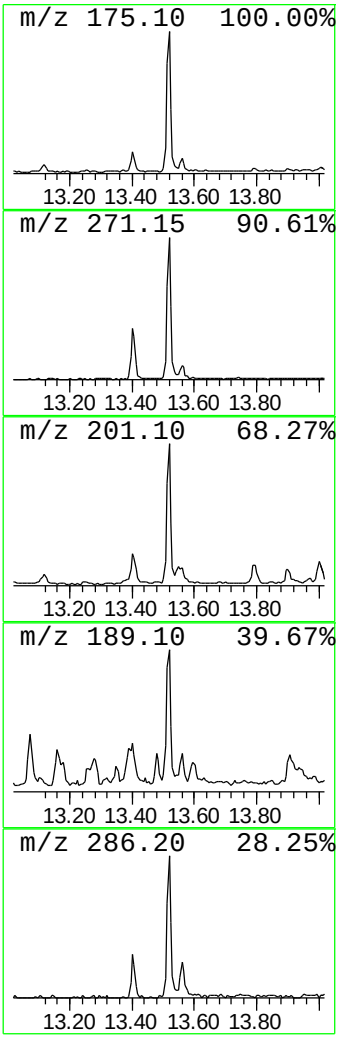
Peak Number 13 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	6.02 ng	786270	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	83
2	13-Isopropylpodocarpen-12-ol-20-al	300	C20H28O2	024035-37-8	43
3	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	43
4	Naphthalene, 1,2,3,4-tetrahydro-...	244	C18H28	029577-17-1	25
5	Silane, dimethyl(2-chlorophenoxy...	286	C14H23ClO2Si	1000347-07-3	22





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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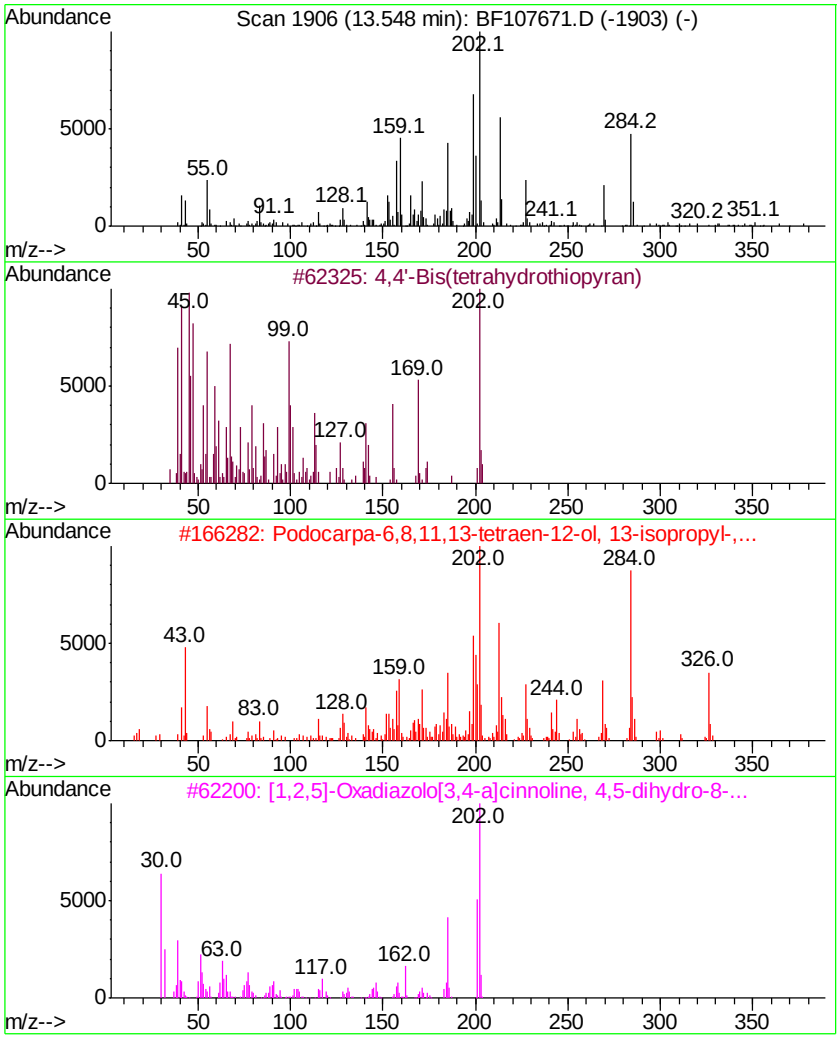
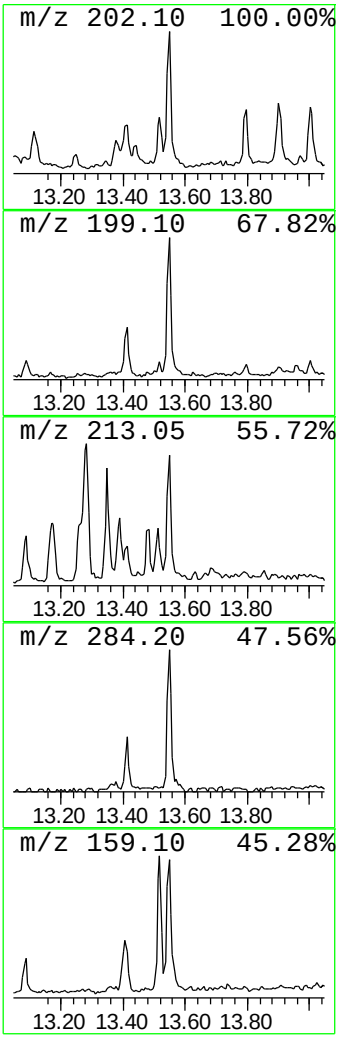
Peak Number 14 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	3.50 ng	456814	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	90
2	Podocarpa-6,8,11,13-tetraen-12-o...	326	C22H30O2	022160-86-7	37
3	[1,2,5]-Oxadiazolo[3,4-a]cinnoli...	202	C10H10N4O	1000260-59-4	30
4	8-Amino-2,4-dimethyl-6-methoxyqu...	202	C12H14N2O	054232-18-7	22
5	1,4-Naphthalenedione, 2-(1-buten...	228	C14H12O3	029366-43-6	14





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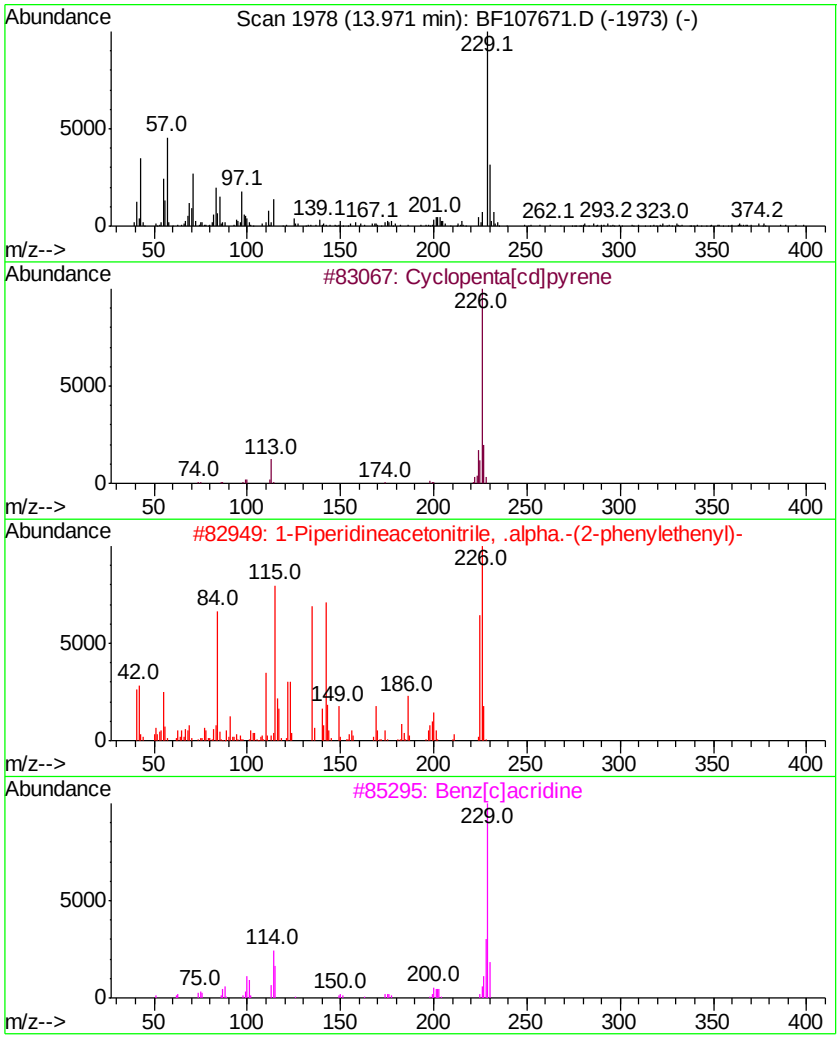
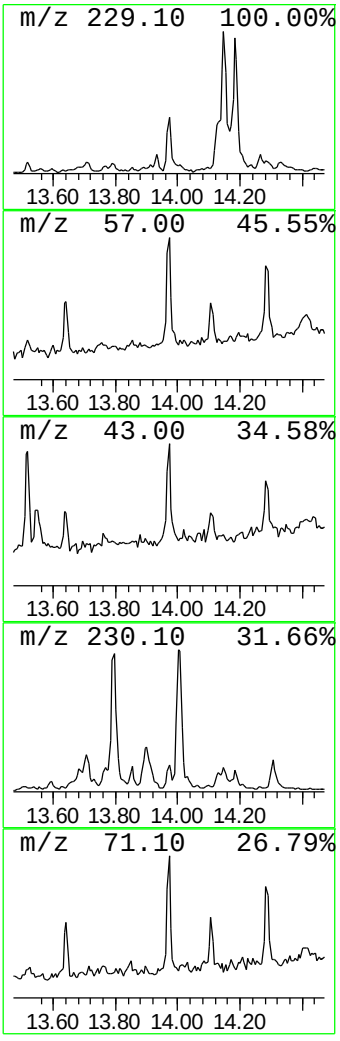
Peak Number 15 unknown13.97 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	3.23 ng	421533	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38
2	1-Piperidineacetonitrile, .alpha...	226	C15H18N2	022915-20-4	38
3	Benz[c]acridine	229	C17H11N	000225-51-4	32
4	7-Chloro-2-phenazinamine	229	C12H8ClN3	023677-11-4	27
5	Benzo(a)acridine	229	C17H11N	000225-11-6	25





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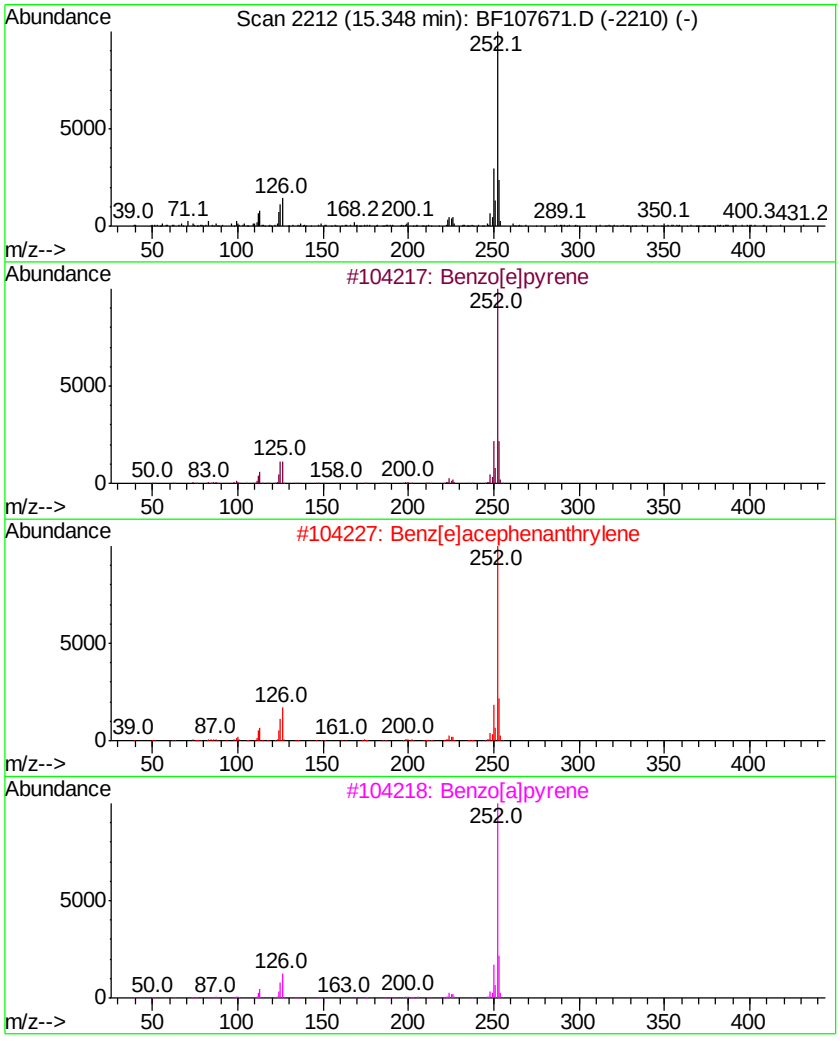
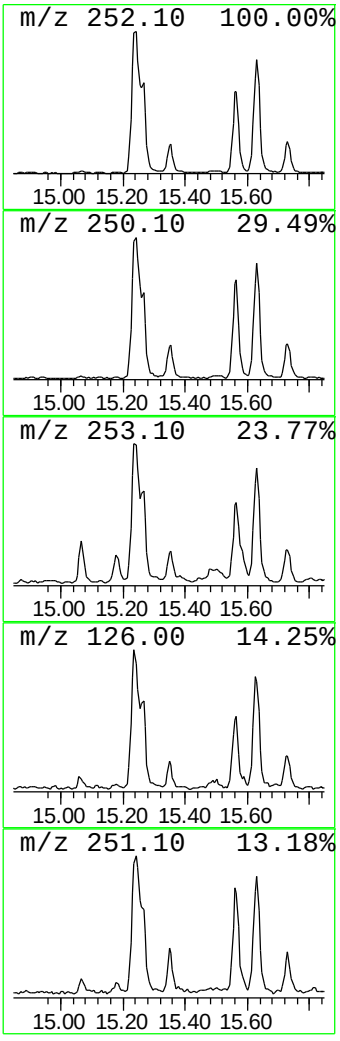
Peak Number 16 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	7.08 ng	211993	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





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ClientSampleId : PLANTER-DOC-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

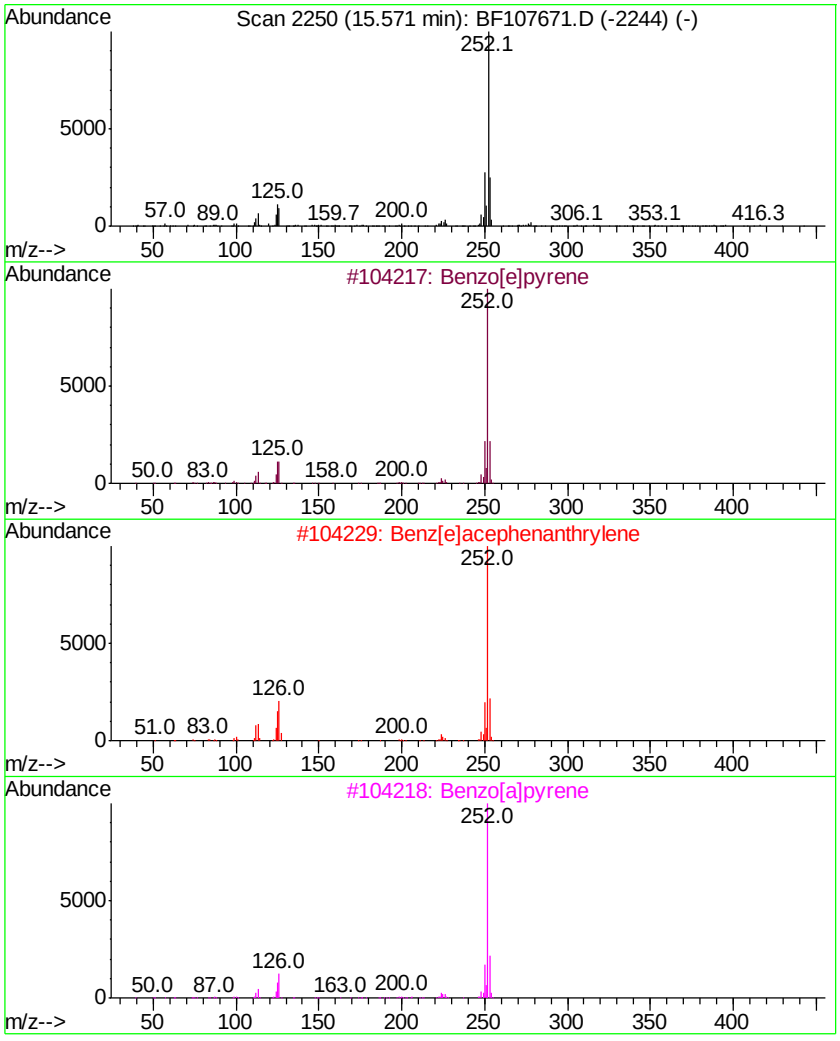
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

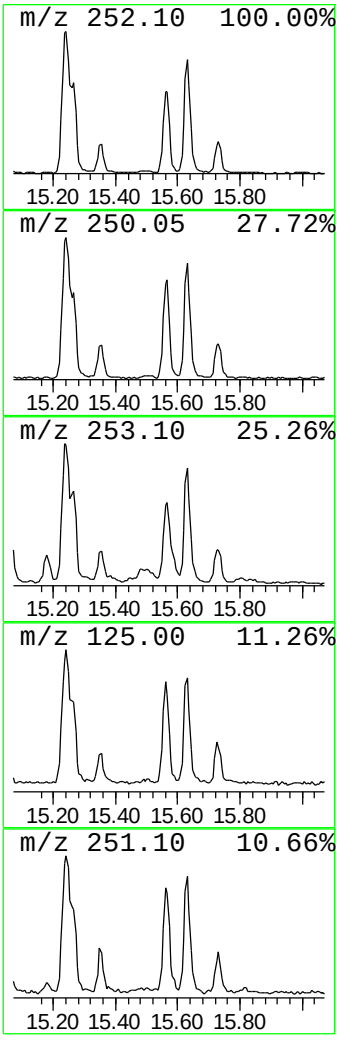
****

Peak Number 17 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	25.56 ng	764981	Perylene-d12	15.69

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[a]pyrene	252	C20H12	000050-32-8	94
4	Perylene	252	C20H12	000198-55-0	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072518\
Data File : BF107671.D
Acq On : 25 Jul 2018 21:38
Operator : JU/SJ
Sample : J4031-06 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PLANTER-DOC-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.20	5.0	ng	322419	1	6.97	1278120	20.0
unknown6.74	6.74	31.8	ng	2034490	1	6.97	1278120	20.0
Longifolene	9.64	6.9	ng	490700	3	10.01	1413240	20.0
Anthracene, 1-met...	12.01	4.8	ng	309143	4	11.51	1289710	20.0
Phenanthrene, 1-m...	12.04	3.1	ng	202847	4	11.51	1289710	20.0
4H-Cyclopenta[def...	12.12	5.7	ng	368737	4	11.51	1289710	20.0
Phenanthrene, 2,5...	12.55	2.9	ng	184922	4	11.51	1289710	20.0
Cyclopenta(def)ph...	12.65	2.4	ng	153966	4	11.51	1289710	20.0
Pyrene, 1-methyl-	13.28	4.4	ng	579420	5	14.16	2613730	20.0
Pyrene, 4-methyl-	13.39	2.1	ng	272092	5	14.16	2613730	20.0
4H-Benz[de]anthra...	13.41	2.2	ng	290974	5	14.16	2613730	20.0
2-Phenanthrenol, ...	13.52	6.0	ng	786270	5	14.16	2613730	20.0
4,4'-Bis(tetrahyd...	13.55	3.5	ng	456814	5	14.16	2613730	20.0
unknown13.97	13.97	3.2	ng	421533	5	14.16	2613730	20.0
Benzo[e]pyrene	15.35	7.1	ng	211993	6	15.69	598532	20.0
Perylene	15.57	25.6	ng	764981	6	15.69	598532	20.0