LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000696.D
Acq On : 13 Oct 2019 02:51
Operator : JU
Sample : K5348-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190829-COMPOSITE-E

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_P\METHODS\8270-BP100119.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	4.946	481	486	490	rBV	1102262	1186667	28.15%	2.798%
2	5.375	555	559	575	rVB	717491	714396	16.95%	1.685%
3	5.746	618	622	632	rVB3	23824	58258	1.38%	0.137%
4	6.299	710	716	720	rBV	166198	176864	4.20%	0.417%
5	6.393	727	732	742	rBV	3213597	3130416	74.25%	7.382%
6	6.522	750	754	757	rBV	2409131	2094373	49.68%	4.939%
7	6.752	789	793	796	rBV	1346277	1196400	28.38%	2.821%
8	6.816	801	804	808	rBV	89252	71522	1.70%	0.169%
9	6.905	815	819	822	rBV	3741224	2956887	70.14%	6.973%
10	7.311	884	888	891	rBV	2623011	2136918	50.69%	5.039%
11	7.528	921	925	928	rVB	152061	132698	3.15%	0.313%
12	7.934	986	994	999	rBV3	38742	76136	1.81%	0.180%
13	8.034	1007	1011	1013	rBV	1777045	1502245	35.63%	3.543%
14	8.234	1042	1045	1052	rVB3	46209	50759	1.20%	0.120%
15	8.746	1127	1132	1135	rBV2	52826	63315	1.50%	0.149%
16	8.781	1135	1138	1141	rBV2	73655	66041	1.57%	0.156%
17	9.116	1191	1195	1198	rBV	4693101	3849304	91.31%	9.077%
18	9.216	1205	1212	1215	rBV5	44508	95506	2.27%	0.225%
19	9.258	1216	1219	1226	rVB2	39305	56513	1.34%	0.133%
20	9.452	1248	1252	1255	rBV2	63692	86265	2.05%	0.203%
21	9.510	1259	1262	1267	rBV	907562	700553	16.62%	1.652%
22	9.657	1283	1287	1292	rBV	146482	164957	3.91%	0.389%
23	9.710	1293	1296	1299	rVB3	58840	68453	1.62%	0.161%
24	9.799	1307	1311	1314	rVB	2008346	1817064	43.10%	4.285%
25	10.040	1349	1352	1355	rVB	115381	94175	2.23%	0.222%
26	10.110	1359	1364	1368	rBV3	24730	55145	1.31%	0.130%
27	10.316	1397	1399	1402	rVV2	75546	63868	1.51%	0.151%
28	10.346	1402	1404	1410	rVB3	47708	62272	1.48%	0.147%
29	10.587	1442	1445	1452	rBV2	191233	222766	5.28%	0.525%
30	10.716	1464	1467	1475	rVB4	110284	184183	4.37%	0.434%
31	10.781	1475	1478	1481	rBV	54002	68509	1.63%	0.162%
32	10.957	1505	1508	1511	rVB4	63282	61893	1.47%	0.146%
33	11.022	1516	1519	1521	rBV	169304	155185	3.68%	0.366%
34	11.157	1538	1542	1546	rBV	603979	545124	12.93%	1.285%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000696.D
Acq On : 13 Oct 2019 02:51
Operator : JU
Sample : K5348-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190829-COMPOSITE-E

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_P\METHODS\8270-BP100119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.293	1561	1565	1568	rBV	2286029	2013449	47.76%	4.748%
36	11.316	1568	1569	1572	rVV	354586	213130	5.06%	0.503%
37	11.363	1574	1577	1581	rVB2	252320	286410	6.79%	0.675%
38	11.528	1603	1605	1608	rBV2	72902	65213	1.55%	0.154%
39	11.799	1649	1651	1654	rBV	75072	69954	1.66%	0.165%
40	11.828	1654	1656	1660	rBV	83620	85273	2.02%	0.201%
41	11.875	1662	1664	1666	rBV2	54345	53944	1.28%	0.127%
42	11.916	1668	1671	1673	rVB	145073	145857	3.46%	0.344%
43	12.251	1726	1728	1731	rVB2	66892	53143	1.26%	0.125%
44	12.357	1743	1746	1749	rBV2	144036	156980	3.72%	0.370%
45	12.457	1758	1763	1766	rBV3	167720	242458	5.75%	0.572%
46	12.522	1770	1774	1777	rBV	888139	859104	20.38%	2.026%
47	12.563	1779	1781	1784	rVV	112189	124196	2.95%	0.293%
48	12.616	1788	1790	1793	rBV	127943	111564	2.65%	0.263%
49	12.751	1808	1813	1816	rBV	944763	912130	21.64%	2.151%
50	12.898	1835	1838	1846	rVB	4810041	4215861	100.00%	9.942%
51	13.087	1867	1870	1873	rVB	310584	288435	6.84%	0.680%
52	13.151	1878	1881	1884	rVV	237534	218963	5.19%	0.516%
53	13.193	1885	1888	1890	rVB2	150867	150021	3.56%	0.354%
54	13.816	1991	1994	2002	rVB2	515001	663516	15.74%	1.565%
55	13.963	2015	2019	2022	rBV2	2180445	2789348	66.16%	6.578%
56	13.993	2022	2024	2027	rVB	530247	393932	9.34%	0.929%
57	14.457	2101	2103	2106	rBV	194747	159901	3.79%	0.377%
58	15.016	2195	2198	2206	rVB	600617	1079574	25.61%	2.546%
59	15.316	2246	2249	2255	rVB	386677	517507	12.28%	1.220%
60	15.381	2256	2260	2266	rBV	575583	712069	16.89%	1.679%
61	15.445	2266	2271	2274	rBV	1609203	1858196	44.08%	4.382%

Sum of corrected areas: 42405758

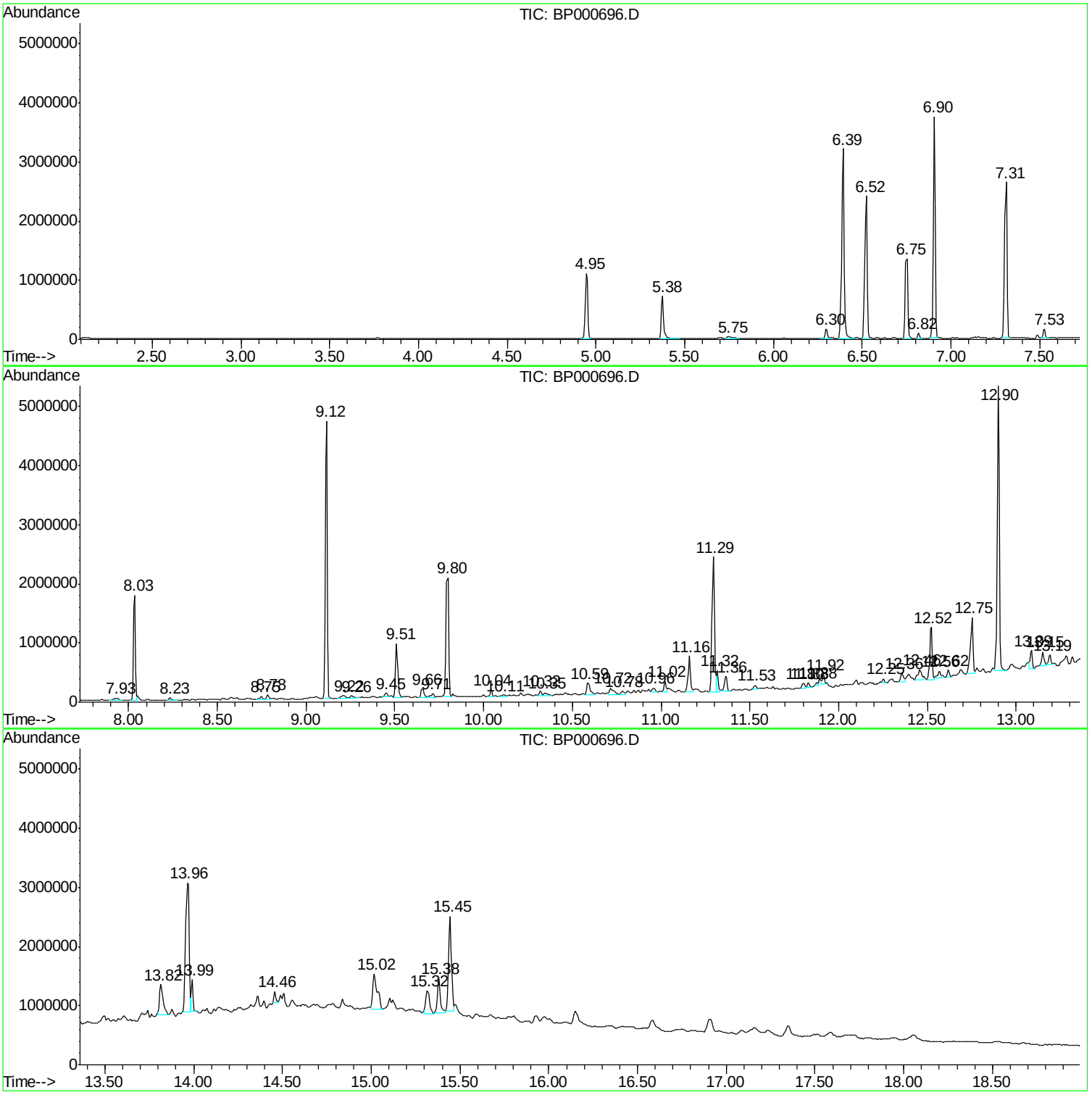
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000696.D
Acq On : 13 Oct 2019 02:51
Operator : JU
Sample : K5348-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20190829-COMPOSITE-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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 P\DATA\BP101319\
Data File : BP000696.D
Acq On : 13 Oct 2019 02:51
Operator : JU
Sample : K5348-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190829-COMPOSITE-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

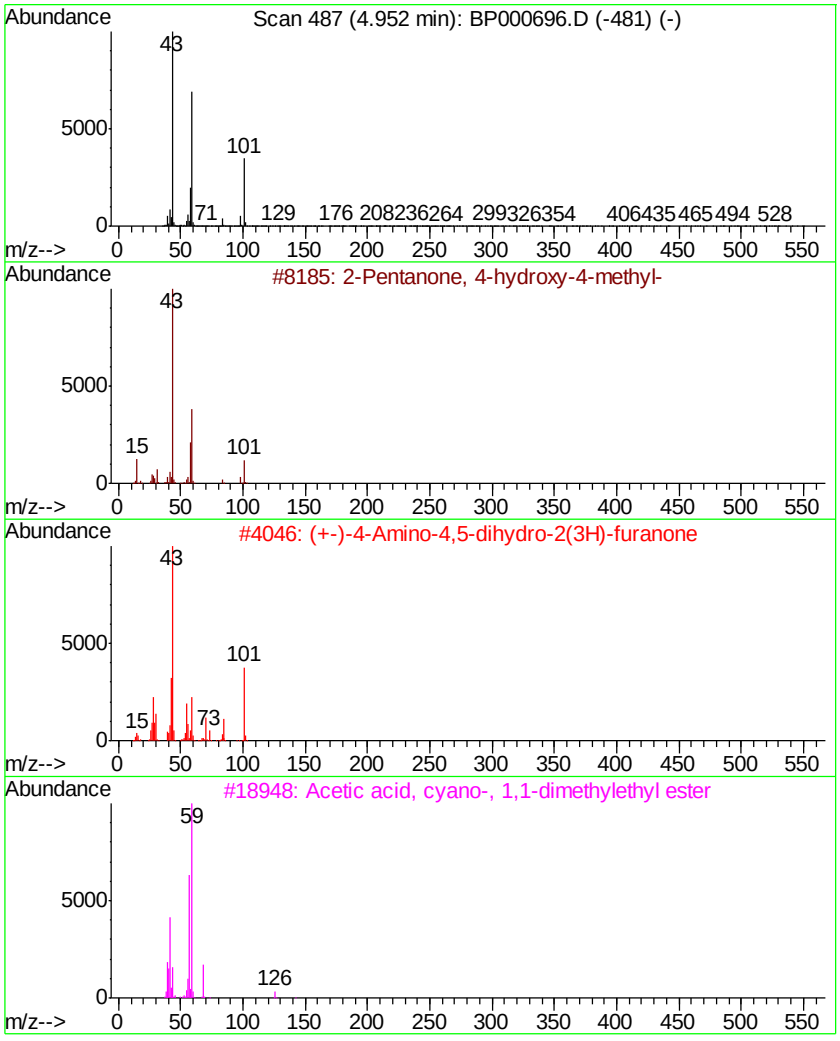
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

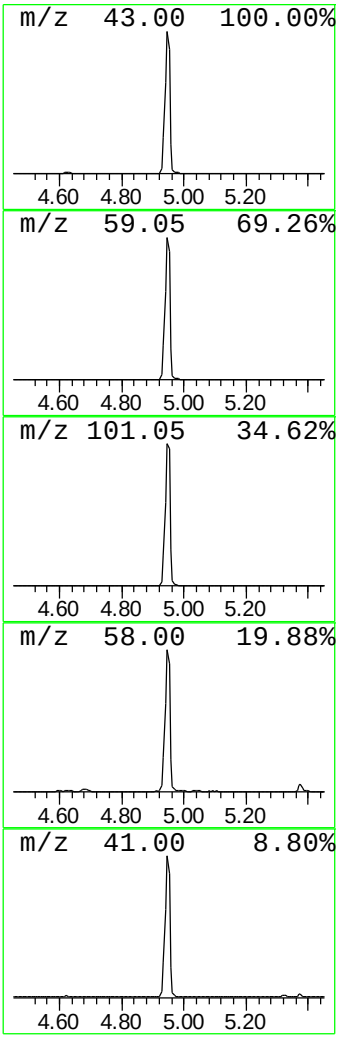
****

Peak Number 1 unknown4.95 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	19.84 ng	1186670	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000696.D
Acq On : 13 Oct 2019 02:51
Operator : JU
Sample : K5348-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190829-COMPOSITE-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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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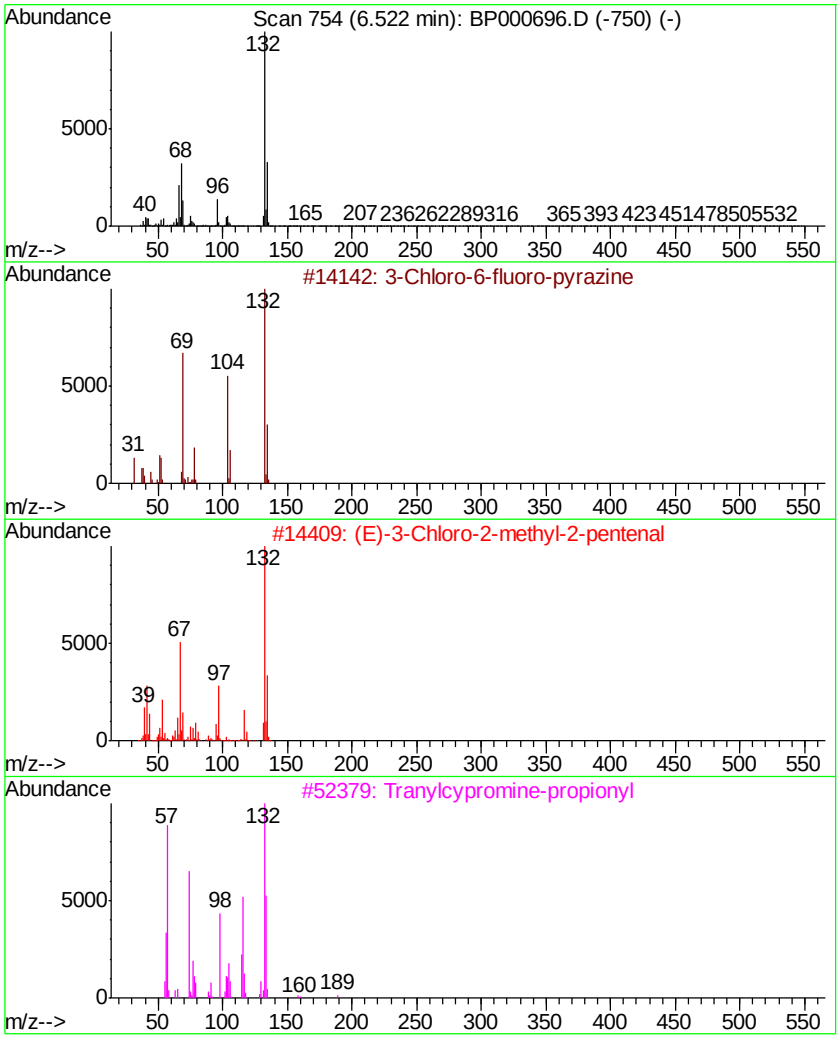
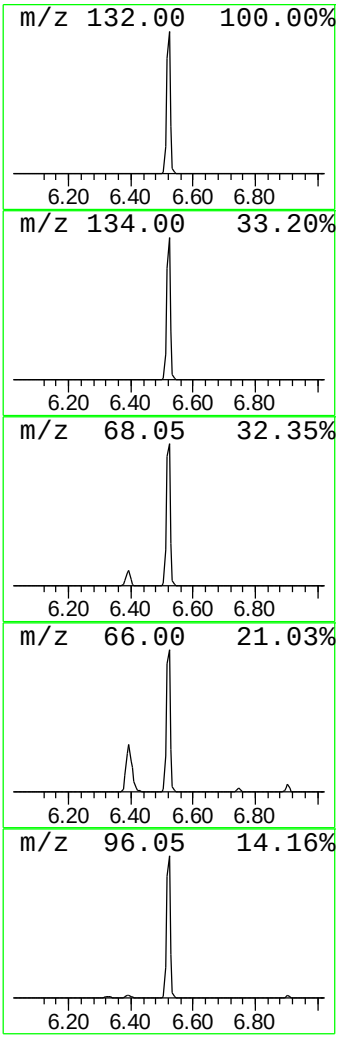
Peak Number 2 unknown6.52 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	35.01 ng	2094370	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000696.D
Acq On : 13 Oct 2019 02:51
Operator : JU
Sample : K5348-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190829-COMPOSITE-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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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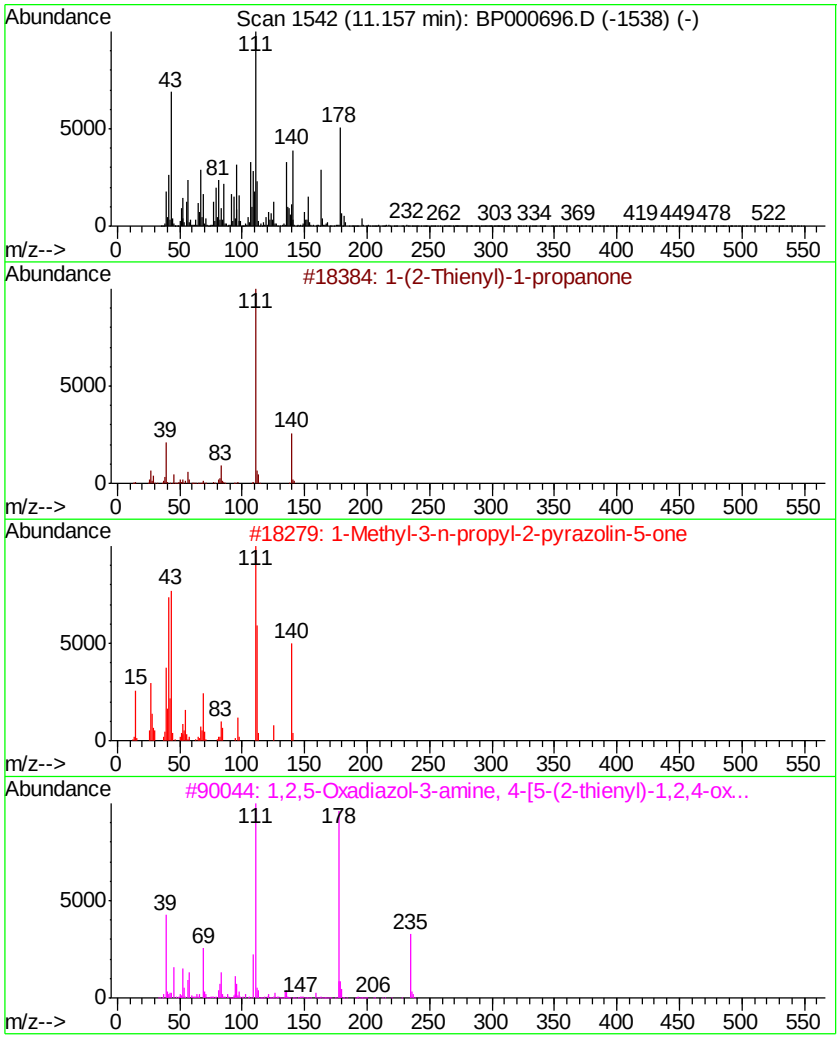
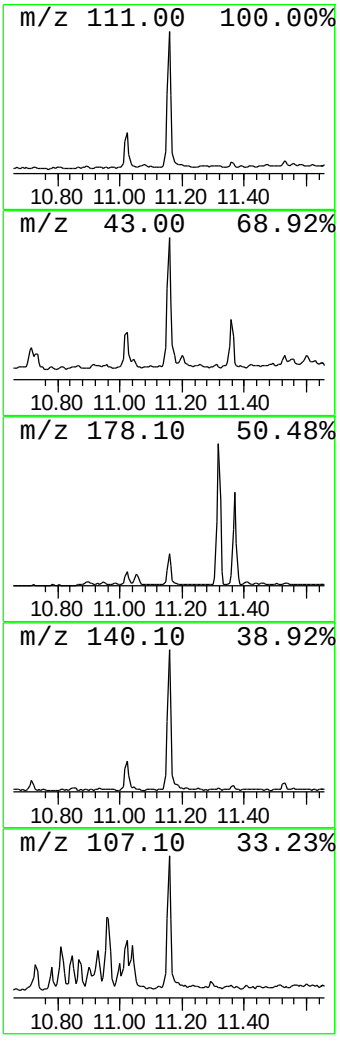
Peak Number 4 unknown11.16 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	5.41 ng	545124	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Thienyl)-1-propanone	140	C7H8OS	013679-75-9	27
2	1-Methyl-3-n-propyl-2-pyrazolin-...	140	C7H12N2O	031272-04-5	27
3	1,2,5-Oxadiazol-3-amine, 4-[5-(2...	235	C8H5N5O2S	1000277-21-2	25
4	2-Aminopyrimidine-1-oxide	111	C4H5N3O	035034-15-2	22
5	Phosphonic acid, methyl-, 2,2-di...	220	C10H21O3P	1000273-45-9	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000696.D
Acq On : 13 Oct 2019 02:51
Operator : JU
Sample : K5348-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190829-COMPOSITE-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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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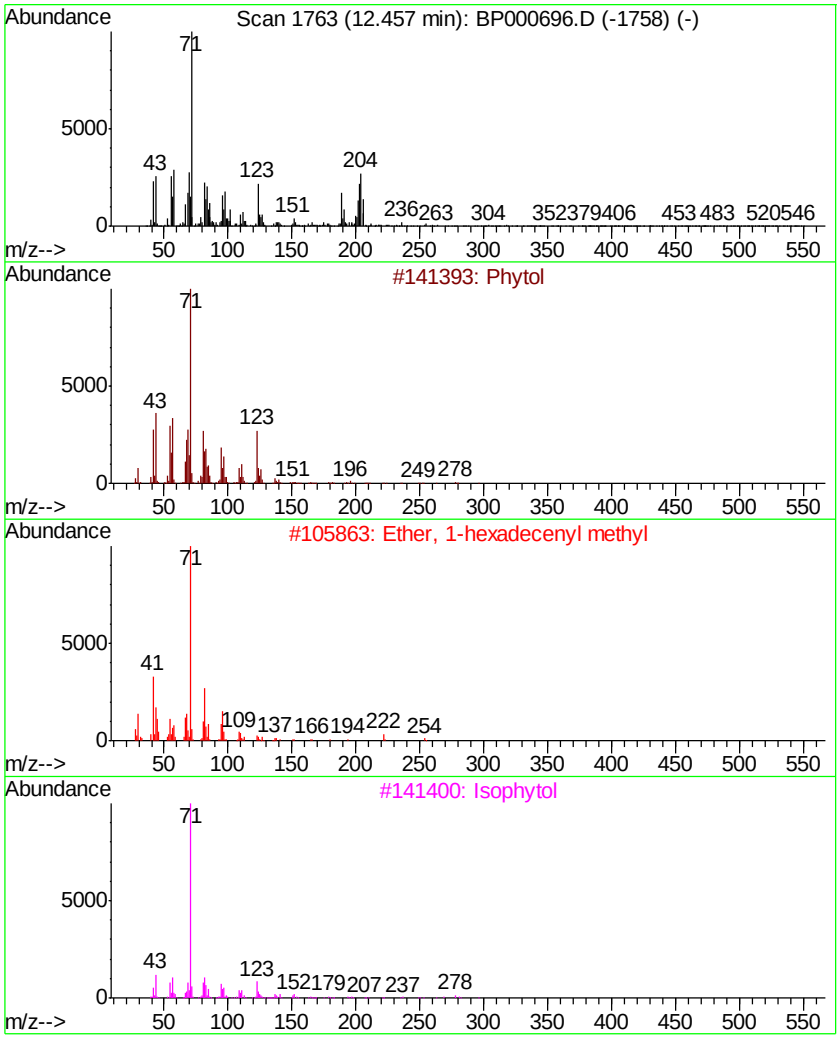
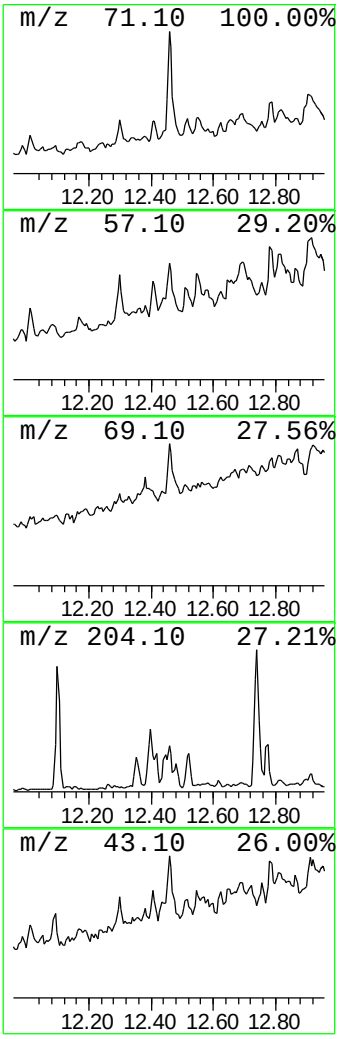
Peak Number 5 Phytol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.41 ng	242458	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phytol	296	C20H40O	000150-86-7	58
2	Ether, 1-hexadecenyl methyl	254	C17H34O	015519-14-9	43
3	Isophytol	296	C20H40O	000505-32-8	38
4	1-Hexadecen-3-ol, 3,5,11,15-tetr...	296	C20H40O	1000262-55-5	38
5	Butyric acid, 2-pentadecyl ester	298	C19H38O2	107853-73-6	38





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Data File : BP000696.D
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Operator : JU
Sample : K5348-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190829-COMPOSITE-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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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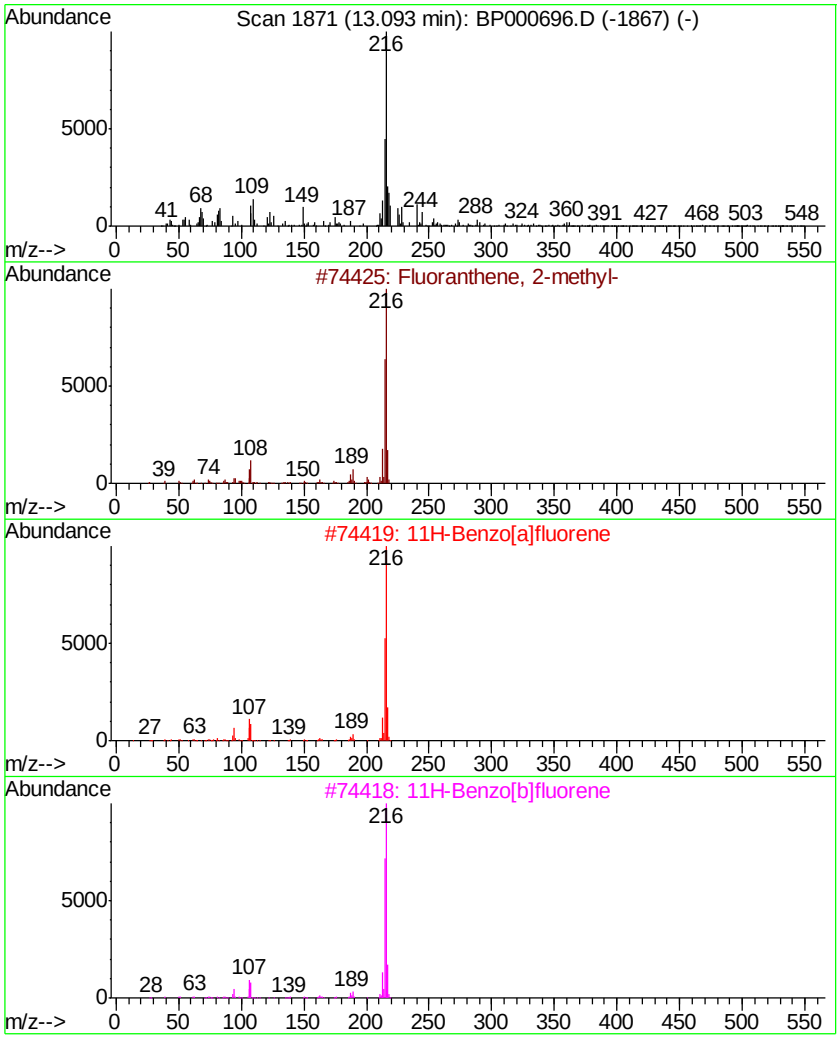
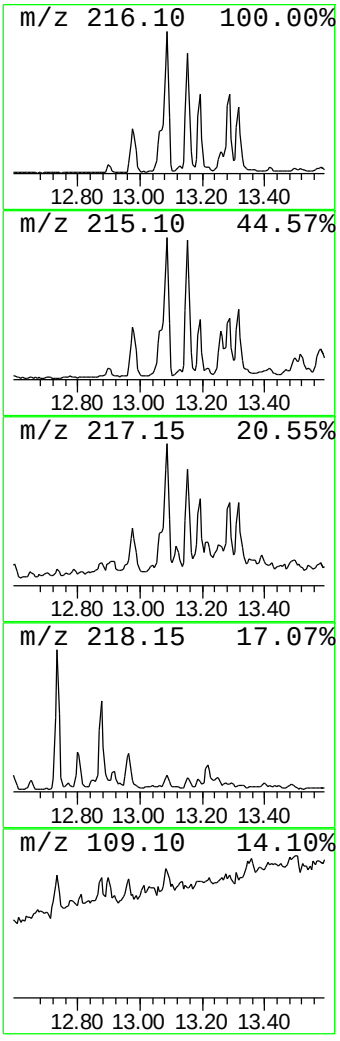
Peak Number 6 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	2.07 ng	288435	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83





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Sample : K5348-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190829-COMPOSITE-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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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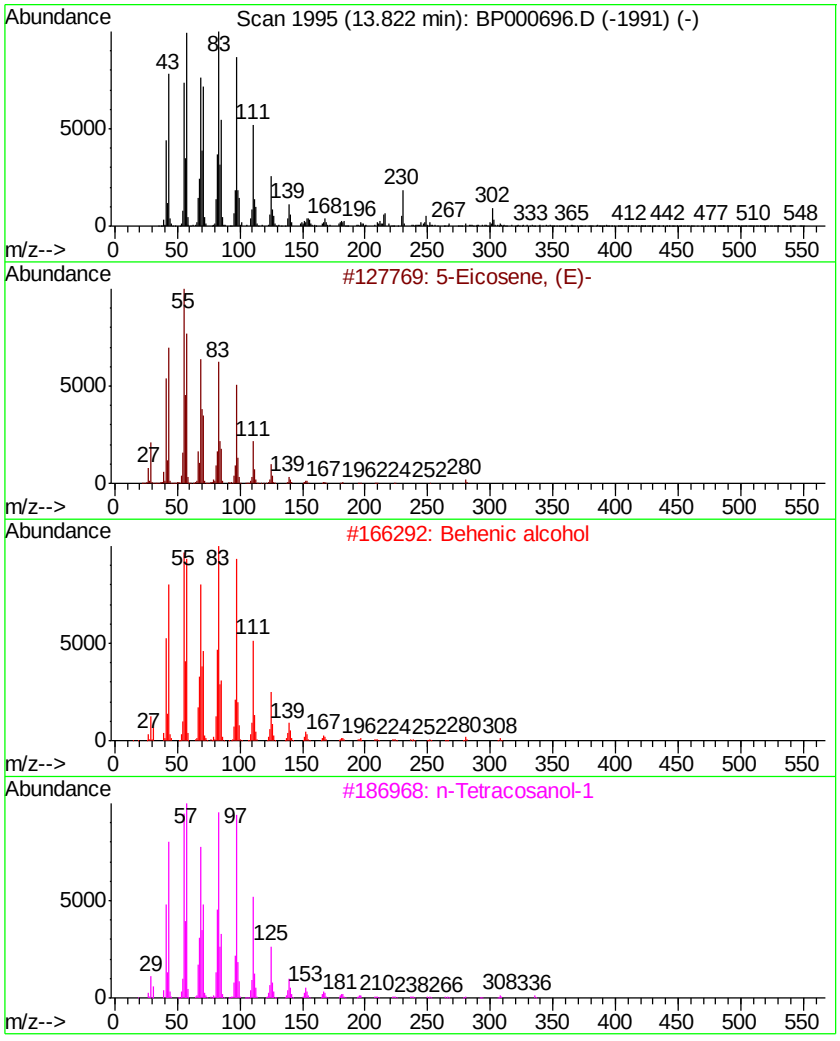
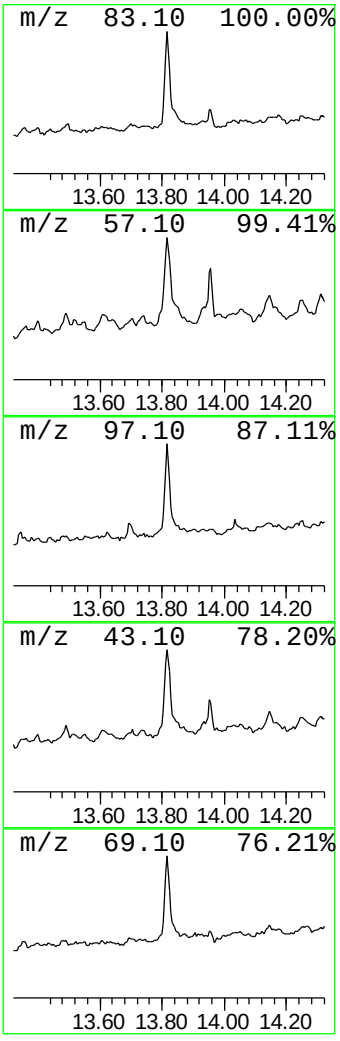
Peak Number 7 5-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	4.76 ng	663516	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Cyclopentadecane	210	C15H30	000295-48-7	93
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	93





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Data File : BP000696.D
Acq On : 13 Oct 2019 02:51
Operator : JU
Sample : K5348-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190829-COMPOSITE-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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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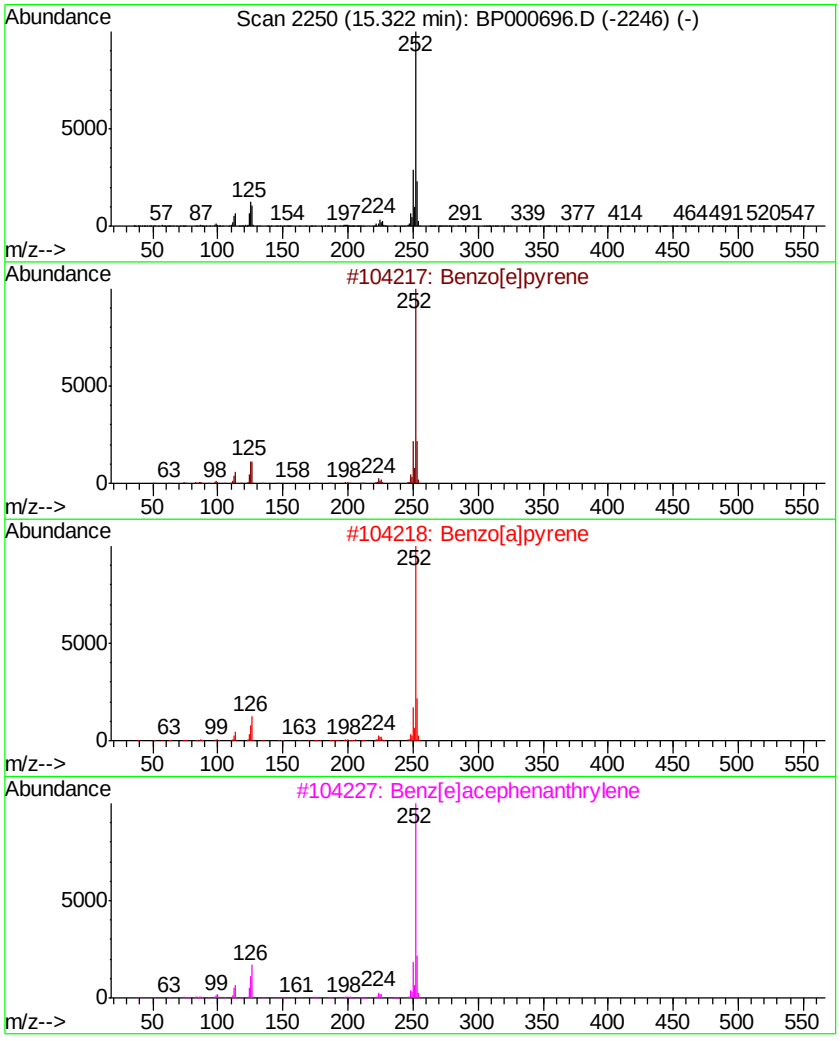
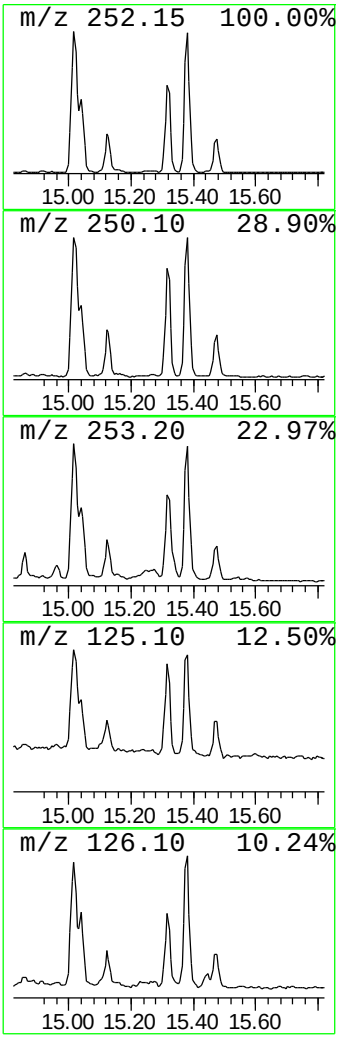
Peak Number 8 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	5.57 ng	517507	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101319\
Data File : BP000696.D
Acq On : 13 Oct 2019 02:51
Operator : JU
Sample : K5348-05
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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190829-COMPOSITE-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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
unknown4.95	4.95	19.8	ng	1186670	1	6.75	1196400	20.0
unknown6.52	6.52	35.0	ng	2094370	1	6.75	1196400	20.0
unknown11.16	11.16	5.4	ng	545124	4	11.29	2013450	20.0
Phytol	12.46	2.4	ng	242458	4	11.29	2013450	20.0
Fluoranthene, 2-m...	13.09	2.1	ng	288435	5	13.97	2789350	20.0
5-Eicosene, (E)-	13.82	4.8	ng	663516	5	13.97	2789350	20.0
Benzo[e]pyrene	15.32	5.6	ng	517507	6	15.45	1858200	20.0