LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000690.D
Acq On : 13 Oct 2019 00:25
Operator : JU
Sample : K5348-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190881-COMPOSITE-M

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	4.975	482	491	493	rBV	3135815	5270492	100.00%	12.987%
2	5.375	556	559	573	rVB	239478	243929	4.63%	0.601%
3	6.299	713	716	720	rBV2	54921	57186	1.09%	0.141%
4	6.387	727	731	741	rBV	2132168	1961780	37.22%	4.834%
5	6.516	750	753	761	rVB	890458	742989	14.10%	1.831%
6	6.746	789	792	796	rBV	1526178	1286493	24.41%	3.170%
7	6.816	801	804	811	rBV	97517	84784	1.61%	0.209%
8	6.905	815	819	822	rBV	4205222	3417033	64.83%	8.420%
9	7.311	883	888	891	rBV	2792525	2487927	47.20%	6.131%
10	7.522	921	924	928	rVB	103215	91620	1.74%	0.226%
11	8.034	1007	1011	1014	rBV	1827137	1610660	30.56%	3.969%
12	9.116	1191	1195	1198	rBV	5598597	4674875	88.70%	11.520%
13	9.216	1205	1212	1214	rBV4	31793	60089	1.14%	0.148%
14	9.452	1246	1252	1255	rBV2	35021	68207	1.29%	0.168%
15	9.510	1259	1262	1267	rVB	861600	652938	12.39%	1.609%
16	9.657	1283	1287	1291	rBV	60310	74092	1.41%	0.183%
17	9.799	1307	1311	1314	rVB	2190782	1922785	36.48%	4.738%
18	10.316	1396	1399	1402	rVB2	156832	140558	2.67%	0.346%
19	10.593	1442	1446	1452	rVB2	144572	196606	3.73%	0.484%
20	10.716	1464	1467	1475	rVB5	64973	110889	2.10%	0.273%
21	11.022	1516	1519	1521	rBV	93403	88410	1.68%	0.218%
22	11.157	1538	1542	1554	rVB	507751	504621	9.57%	1.243%
23	11.293	1561	1565	1568	rBV	2467684	2071582	39.31%	5.105%
24	11.316	1568	1569	1572	rVV	176886	97963	1.86%	0.241%
25	11.369	1574	1578	1581	rVB	122304	136664	2.59%	0.337%
26	12.516	1770	1773	1777	rBV	408224	362675	6.88%	0.894%
27	12.751	1808	1813	1816	rBV	373150	396614	7.53%	0.977%
28	12.898	1834	1838	1841	rBV	5758663	4920089	93.35%	12.124%
29	13.087	1867	1870	1873	rVB	110252	109322	2.07%	0.269%
30	13.151	1878	1881	1884	rVB	101637	89315	1.69%	0.220%
31	13.193	1885	1888	1890	rBV	56929	58655	1.11%	0.145%
32	13.816	1991	1994	2001	rVB3	205657	295095	5.60%	0.727%
33	13.963	2015	2019	2022	rBV	2189415	2378432	45.13%	5.861%
34	13.993	2022	2024	2029	rVB	211789	186444	3.54%	0.459%

LSC Area Percent Report

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Sample : K5348-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190881-COMPOSITE-M

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	14.457	2100	2103	2106	rVB2	99525	87564	1.66%	0.216%
36	14.840	2165	2168	2174	rVB2	158663	168233	3.19%	0.415%
37	15.010	2194	2197	2201	rBV	230438	358020	6.79%	0.882%
38	15.098	2210	2212	2220	rVB2	151361	232432	4.41%	0.573%
39	15.316	2246	2249	2255	rVB	158684	204393	3.88%	0.504%
40	15.375	2256	2259	2265	rBV	212087	288798	5.48%	0.712%
41	15.440	2266	2270	2274	rBV	1641708	1927955	36.58%	4.751%
42	15.922	2349	2352	2357	rBV	118265	166258	3.15%	0.410%
43	16.904	2515	2519	2525	rVB2	81953	141493	2.68%	0.349%
44	17.339	2590	2593	2604	rVB	81393	154474	2.93%	0.381%

Sum of corrected areas: 40581433

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
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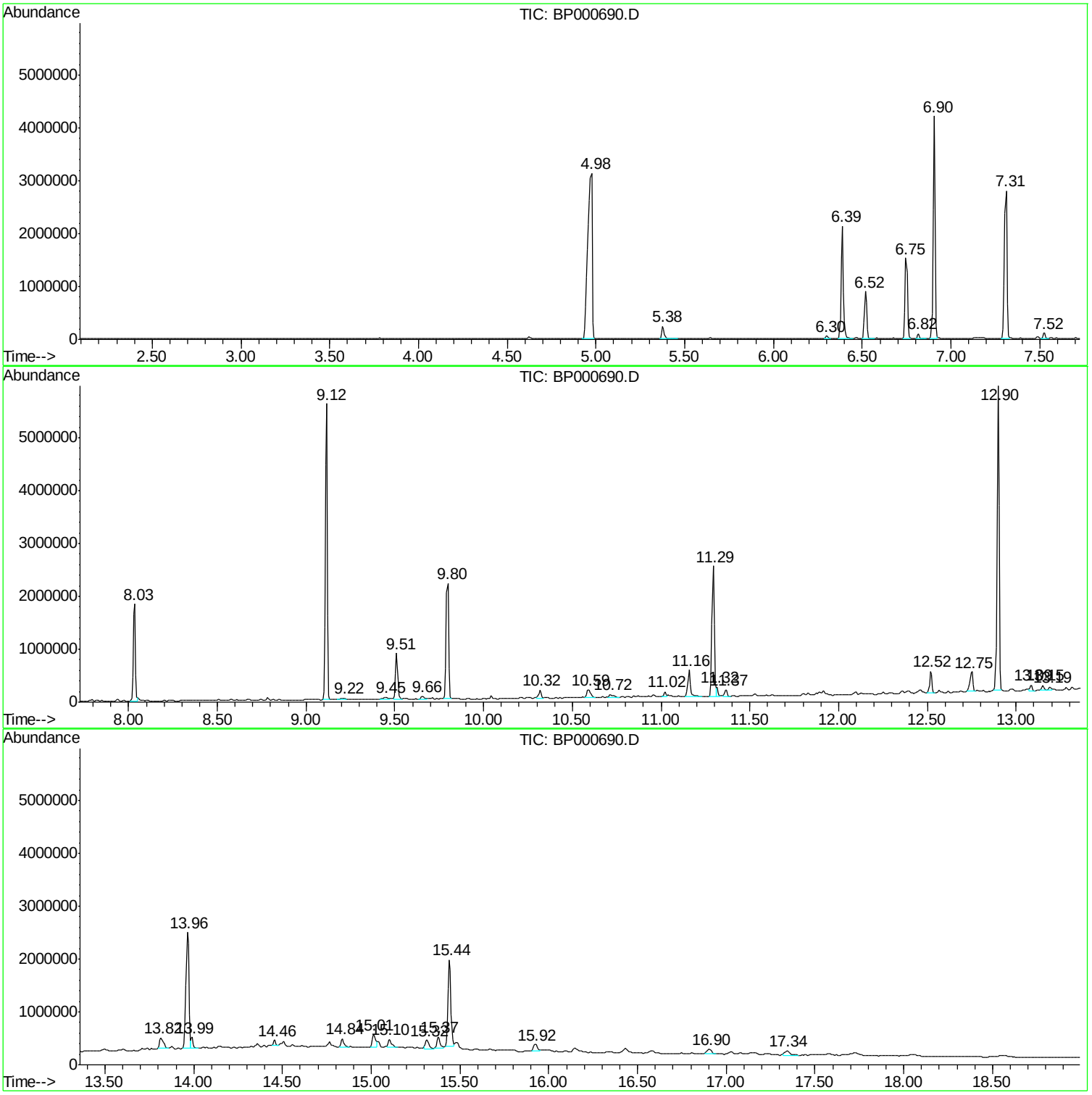
Acq On : 13 Oct 2019 00:25
Operator : JU
Sample : K5348-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190881-COMPOSITE-M

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 : BP000690.D
Acq On : 13 Oct 2019 00:25
Operator : JU
Sample : K5348-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190881-COMPOSITE-M

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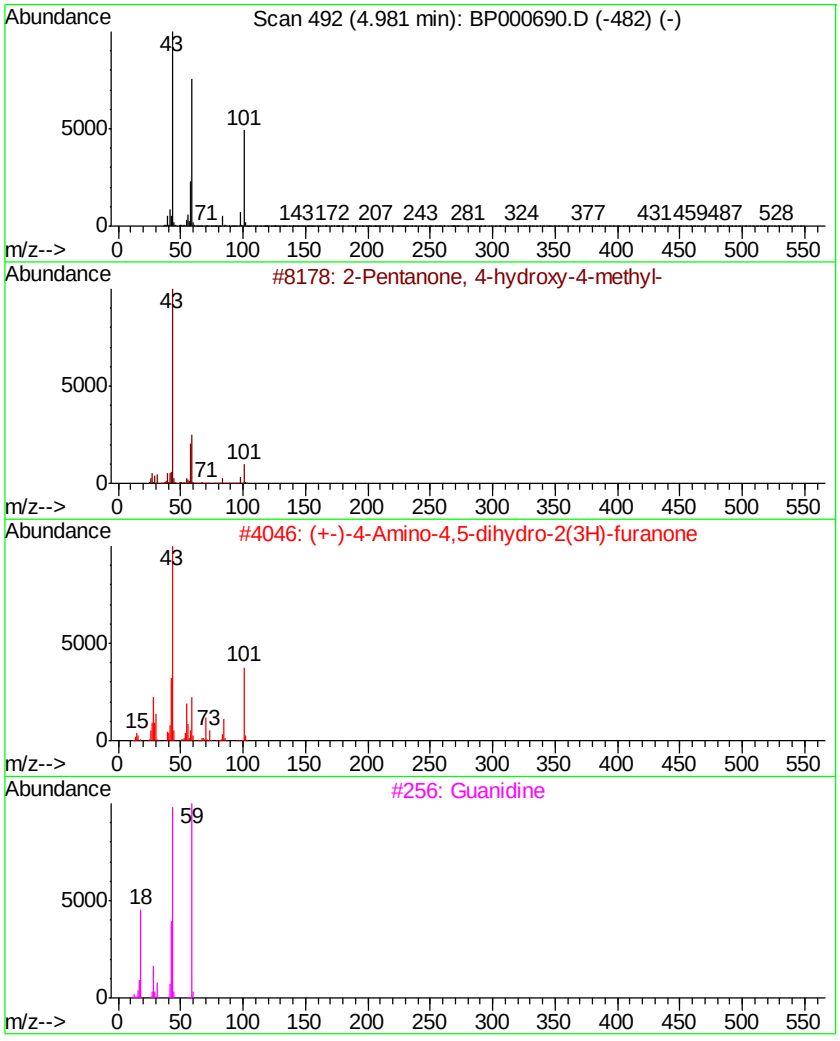
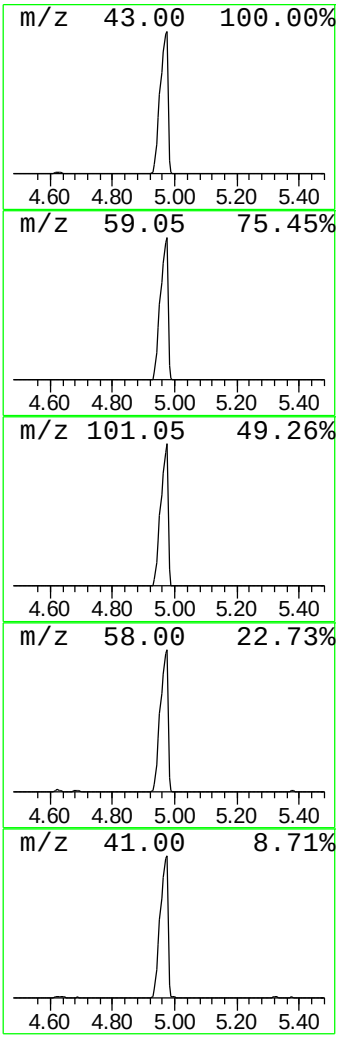
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	81.94 ng	5270490	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	53
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3	Guanidine	59	CH5N3	000113-00-8	32
4	Acetone	58	C3H6O	000067-64-1	12
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000690.D
Acq On : 13 Oct 2019 00:25
Operator : JU
Sample : K5348-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190881-COMPOSITE-M

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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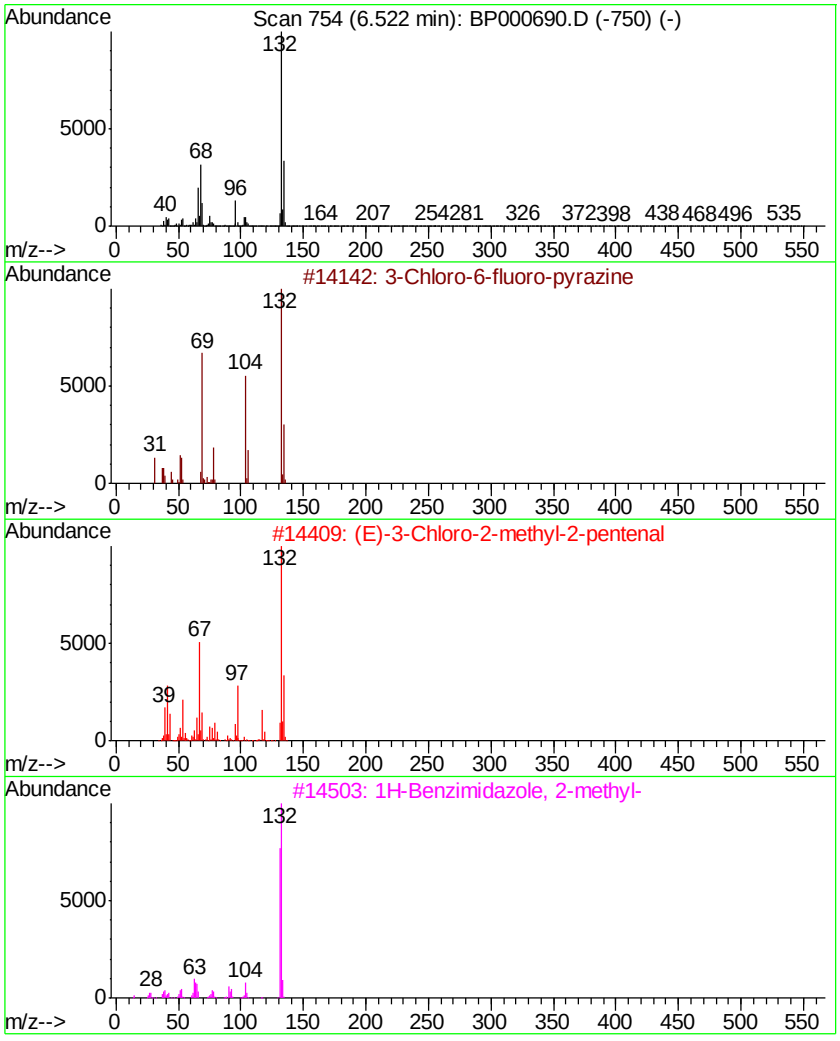
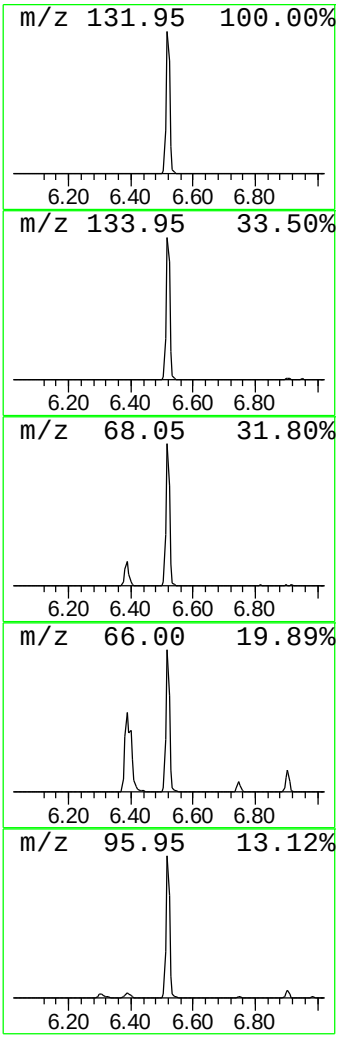
Peak Number 2 unknown6.52 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	11.55 ng	742989	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	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	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 : BP000690.D
Acq On : 13 Oct 2019 00:25
Operator : JU
Sample : K5348-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190881-COMPOSITE-M

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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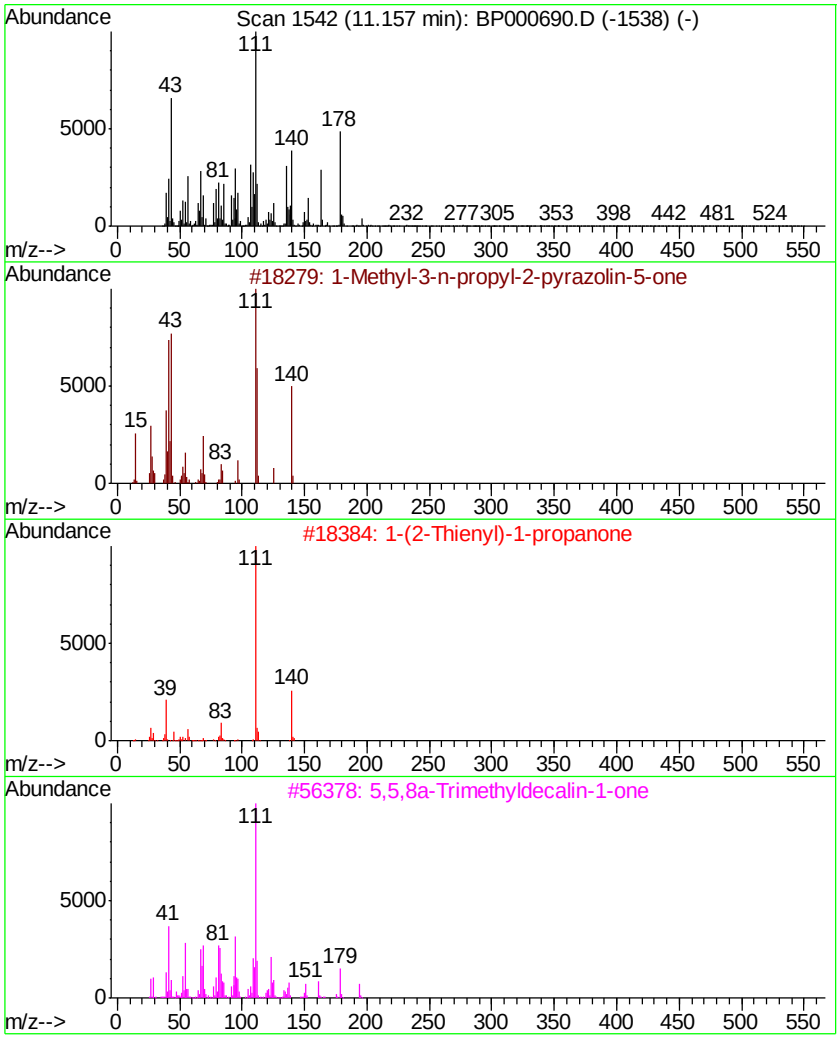
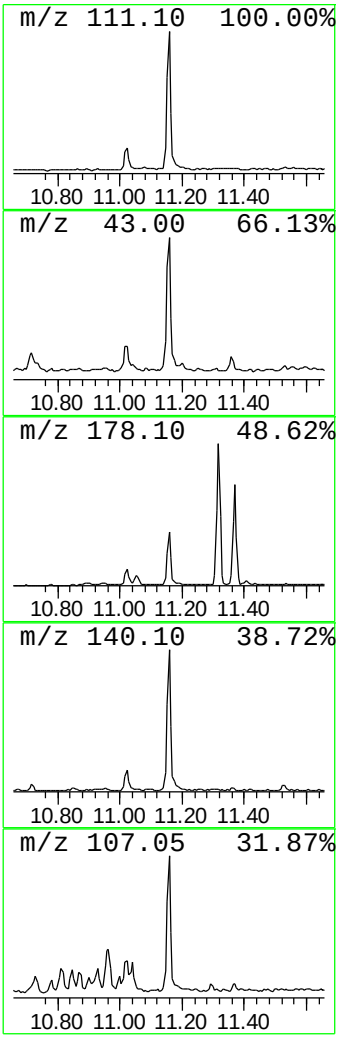
Peak Number 4 unknown11.16 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	4.87 ng	504621	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-3-n-propyl-2-pyrazolin-...	140	C7H12N2O	031272-04-5	27
2	1-(2-Thienyl)-1-propanone	140	C7H8OS	013679-75-9	27
3	5,5,8a-Trimethyldecalin-1-one	194	C13H22O	1000195-96-1	25
4	2-Aminopyrimidine-1-oxide	111	C4H5N3O	035034-15-2	22
5	Spiro[4.5]decan-6-one	152	C10H16O	013388-94-8	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000690.D
Acq On : 13 Oct 2019 00:25
Operator : JU
Sample : K5348-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190881-COMPOSITE-M

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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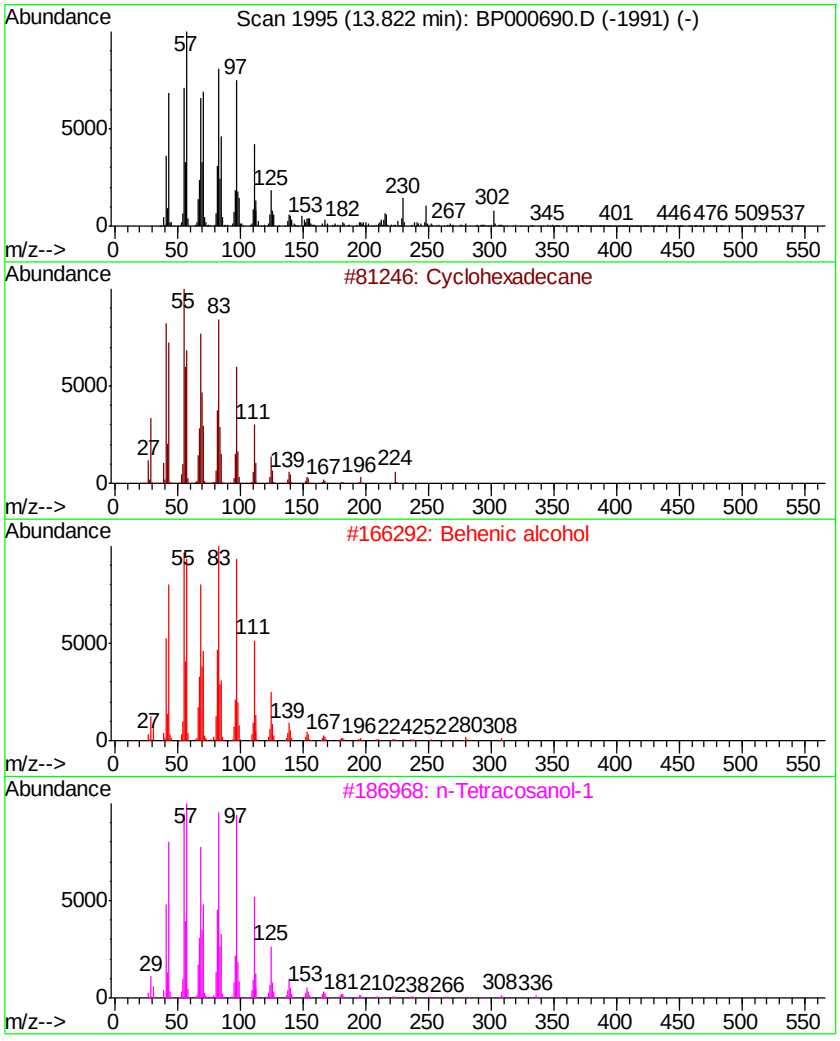
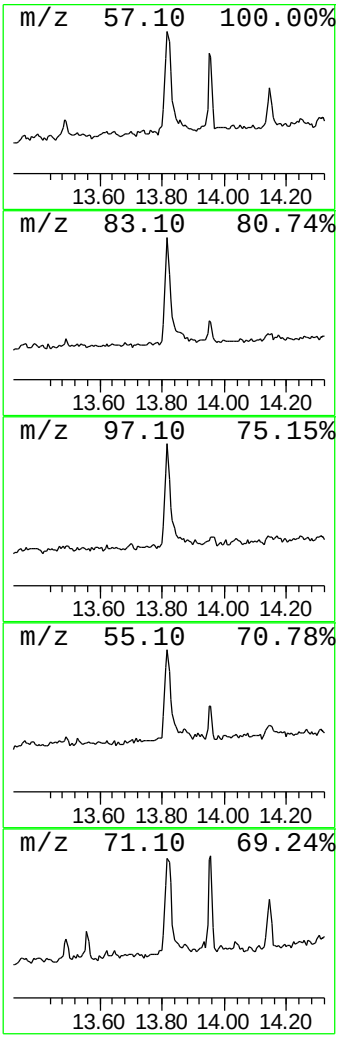
Peak Number 5 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	2.48 ng	295095	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	93
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
4	Cyclopentadecane	210	C15H30	000295-48-7	89
5	1-Heptacosanol	396	C27H56O	002004-39-9	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000690.D
Acq On : 13 Oct 2019 00:25
Operator : JU
Sample : K5348-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20190881-COMPOSITE-M

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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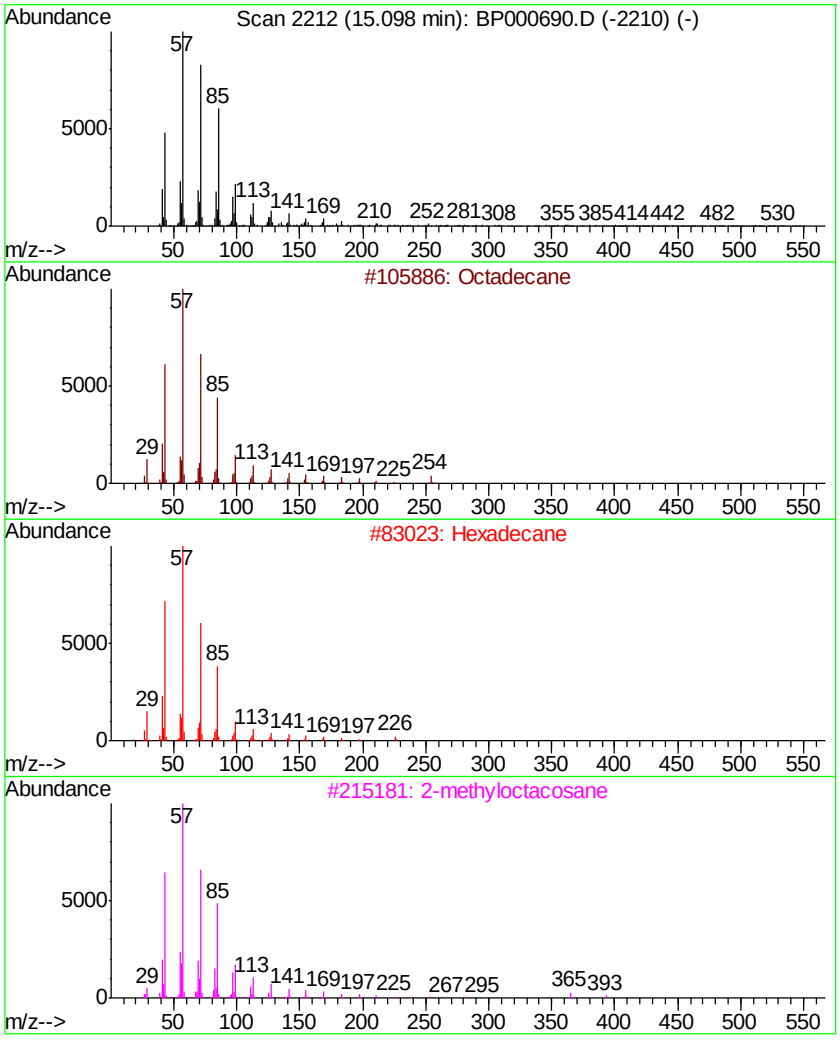
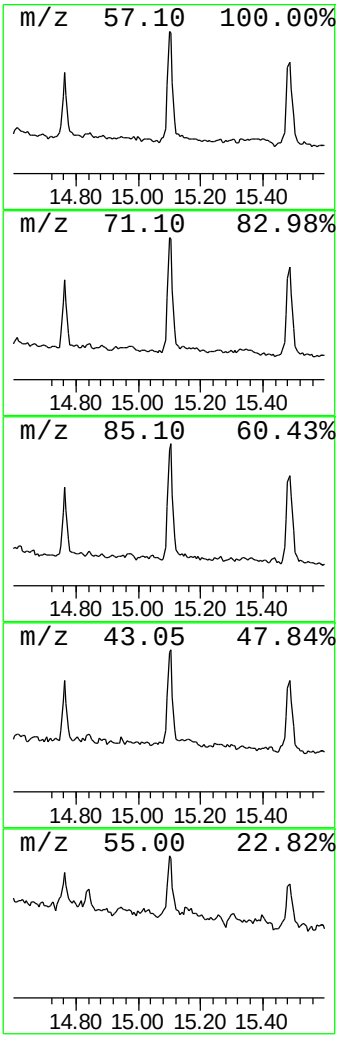
Peak Number 6 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	2.41 ng	232432	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Hexadecane	226	C16H34	000544-76-3	94
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190881-COMPOSITE-M

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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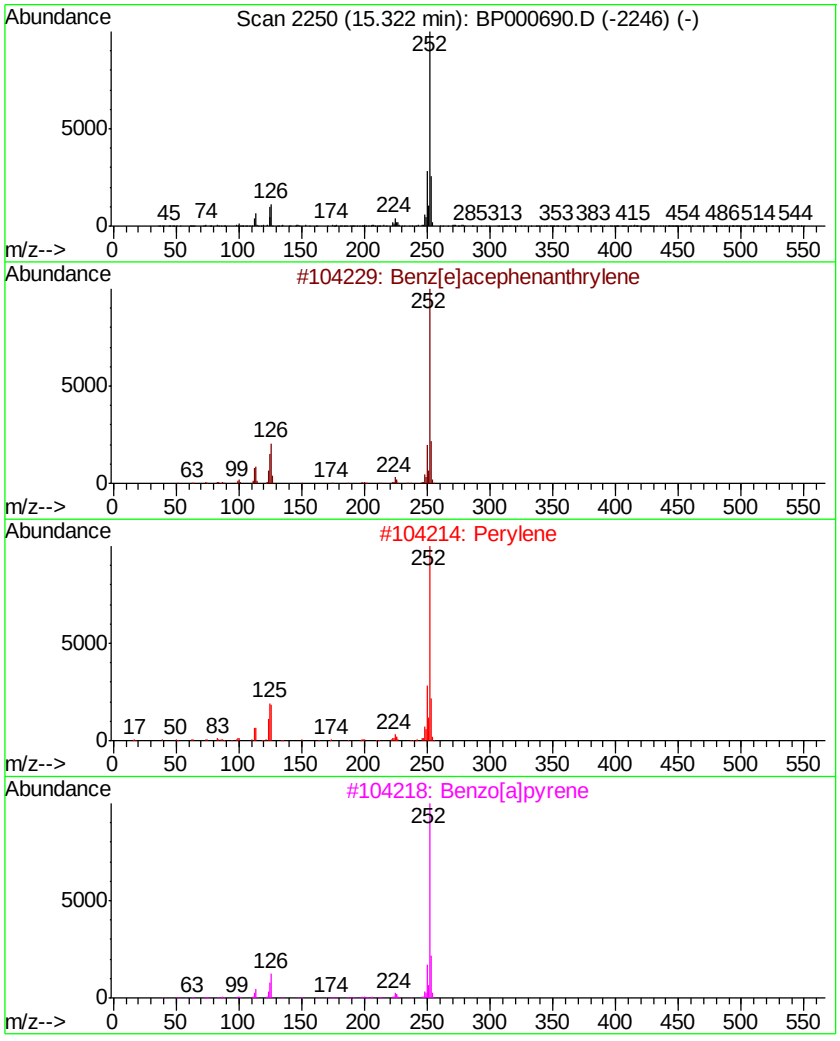
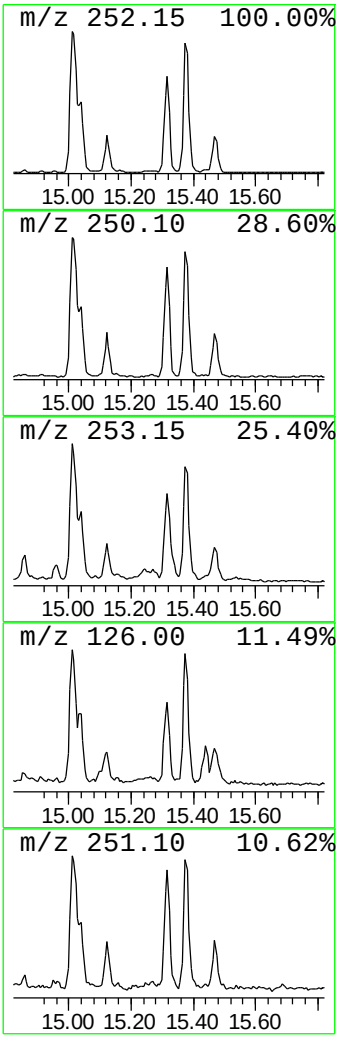
Peak Number 7 Perylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	2.12 ng	204393	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[e]pyrene	252	C20H12	000192-97-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Acq On : 13 Oct 2019 00:25
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Sample : K5348-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190881-COMPOSITE-M

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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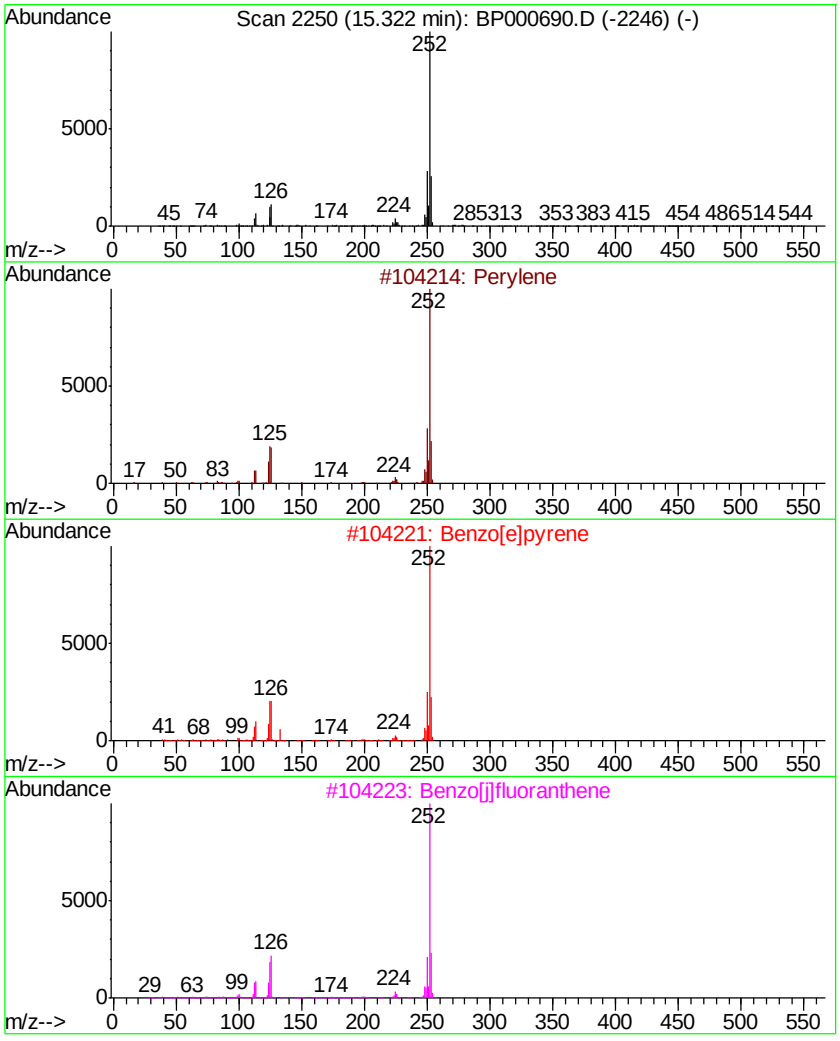
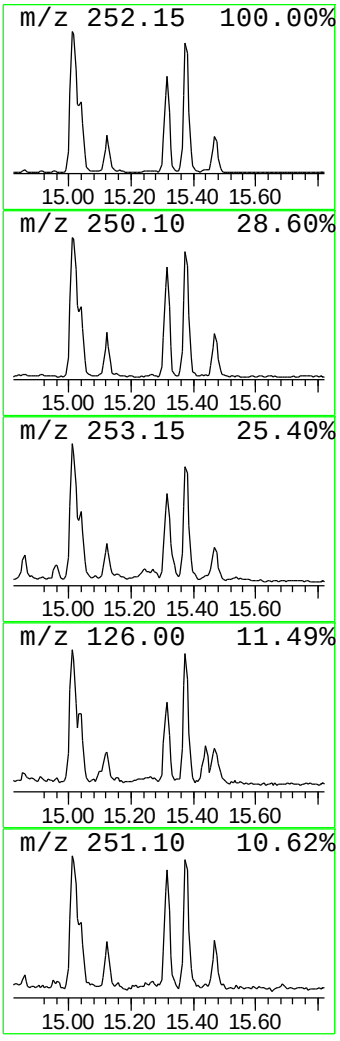
Peak Number 8 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	2.12 ng	204393	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101319\
Data File : BP000690.D
Acq On : 13 Oct 2019 00:25
Operator : JU
Sample : K5348-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190881-COMPOSITE-M

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
2-Pentanone, 4-hy...	4.98	81.9	ng	5270490	1	6.75	1286490	20.0
unknown6.52	6.52	11.6	ng	742989	1	6.75	1286490	20.0
unknown11.16	11.16	4.9	ng	504621	4	11.29	2071580	20.0
Cyclohexadecane	13.82	2.5	ng	295095	5	13.96	2378430	20.0
Octadecane	15.10	2.4	ng	232432	6	15.44	1927960	20.0
Perylene	15.32	2.1	ng	204393	6	15.44	1927960	20.0
Benzo[e]pyrene	15.32	2.1	ng	204393	6	15.44	1927960	20.0