LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000312.D
Acq On : 18 Sep 2019 21:15
Operator : HP/JU
Sample : K4918-11DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13DL

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-BP091619.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	5.411	561	565	569	rVB	2360538	2061888	46.98%	3.974%
2	6.428	734	738	746	rVB	2622422	2236424	50.96%	4.311%
3	6.564	757	761	764	rBV	3058954	2374556	54.10%	4.577%
4	6.793	796	800	803	rBV	2024747	1536308	35.00%	2.961%
5	6.952	823	827	830	rBV	2200459	1928084	43.93%	3.716%
6	7.346	888	894	897	rBV	1553836	1276063	29.07%	2.460%
7	8.075	1014	1018	1021	rBV	2543914	2015627	45.93%	3.885%
8	8.763	1132	1135	1137	rBV	144519	119654	2.73%	0.231%
9	8.834	1144	1147	1153	rBV	209248	196873	4.49%	0.379%
10	9.152	1198	1201	1204	rBV	3969797	2878039	65.57%	5.547%
11	9.234	1211	1215	1218	rBV2	138316	197409	4.50%	0.380%
12	9.310	1226	1228	1232	rVB4	120936	121882	2.78%	0.235%
13	9.352	1232	1235	1237	rBV2	206550	196185	4.47%	0.378%
14	9.493	1257	1259	1262	rBV3	153667	211109	4.81%	0.407%
15	9.546	1265	1268	1272	rBV2	547446	630979	14.38%	1.216%
16	9.693	1291	1293	1295	rBV	851453	650495	14.82%	1.254%
17	9.734	1298	1300	1302	rVV2	214236	153067	3.49%	0.295%
18	9.781	1305	1308	1311	rBV2	296128	335388	7.64%	0.646%
19	9.834	1312	1317	1321	rBV	2772000	2899612	66.07%	5.589%
20	9.957	1335	1338	1340	rBV2	359749	340770	7.76%	0.657%
21	10.040	1350	1352	1358	rVB3	483431	442936	10.09%	0.854%
22	10.628	1450	1452	1455	rBV	1726282	1790138	40.79%	3.450%
23	11.340	1571	1573	1575	rBV	1362410	1086713	24.76%	2.095%
24	11.363	1575	1577	1580	rVB	1596104	1309207	29.83%	2.523%
25	12.581	1782	1784	1788	rVB	3203613	2944319	67.08%	5.675%
26	14.016	2025	2028	2031	rBV2	2372205	3333229	75.95%	6.425%
27	14.051	2032	2034	2039	rVB	2686491	2304122	52.50%	4.441%
28	15.081	2204	2209	2211	rBV	2697297	4388943	100.00%	8.459%
29	15.381	2257	2260	2266	rVB	1852546	2707527	61.69%	5.219%
30	15.445	2267	2271	2276	rVB	2626305	3307009	75.35%	6.374%
31	15.510	2278	2282	2284	rBV	1404451	1687366	38.45%	3.252%
32	16.992	2529	2534	2542	rVB2	1218202	2508110	57.15%	4.834%
33	17.439	2606	2610	2622	rVB	852642	1712368	39.02%	3.300%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000312.D
Acq On : 18 Sep 2019 21:15
Operator : HP/JU
Sample : K4918-11DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13DL

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-BP091619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 51882399

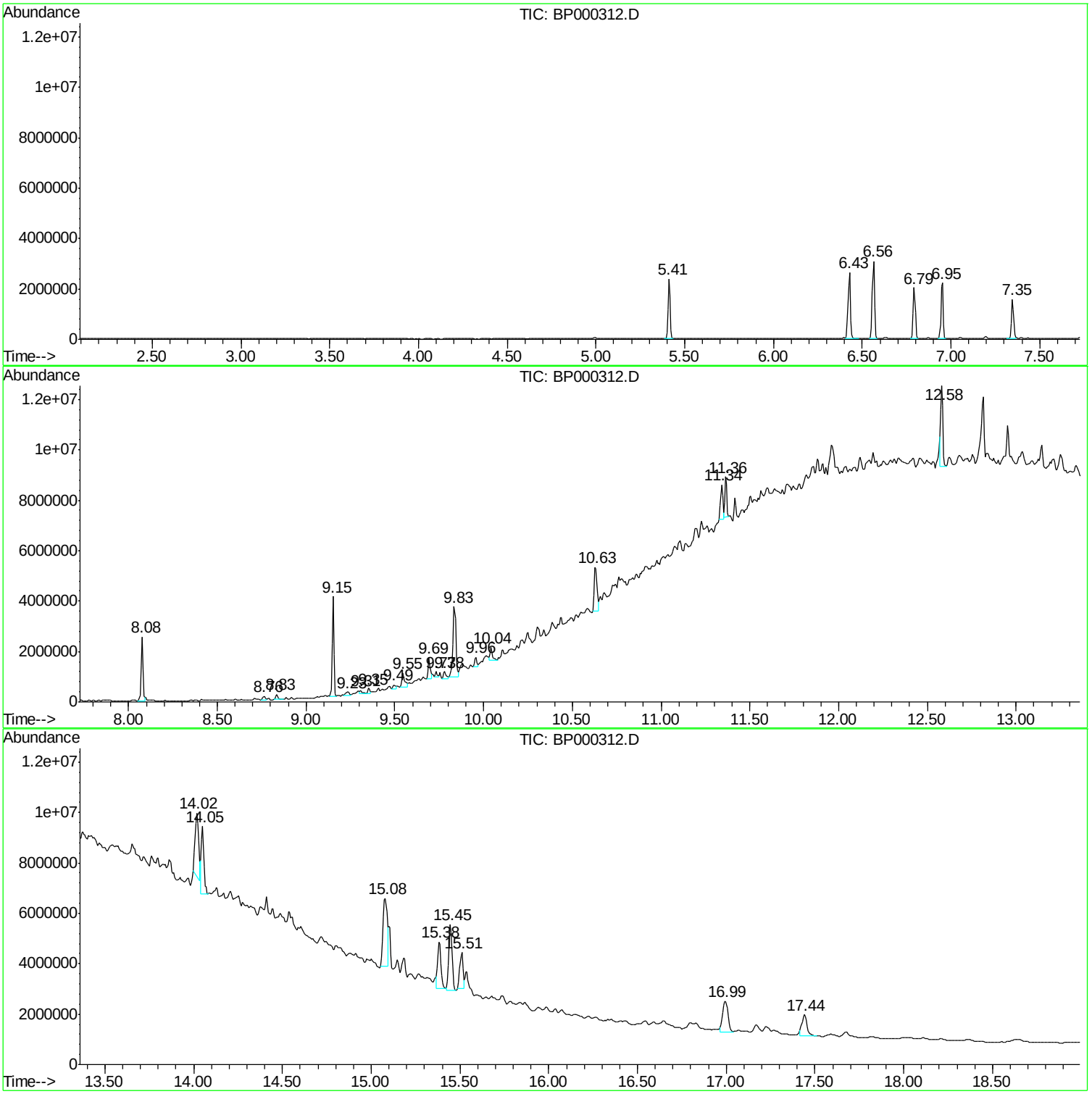
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000312.D
Acq On : 18 Sep 2019 21:15
Operator : HP/JU
Sample : K4918-11DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.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 P\DATA\BP091819\
Data File : BP000312.D
Acq On : 18 Sep 2019 21:15
Operator : HP/JU
Sample : K4918-11DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

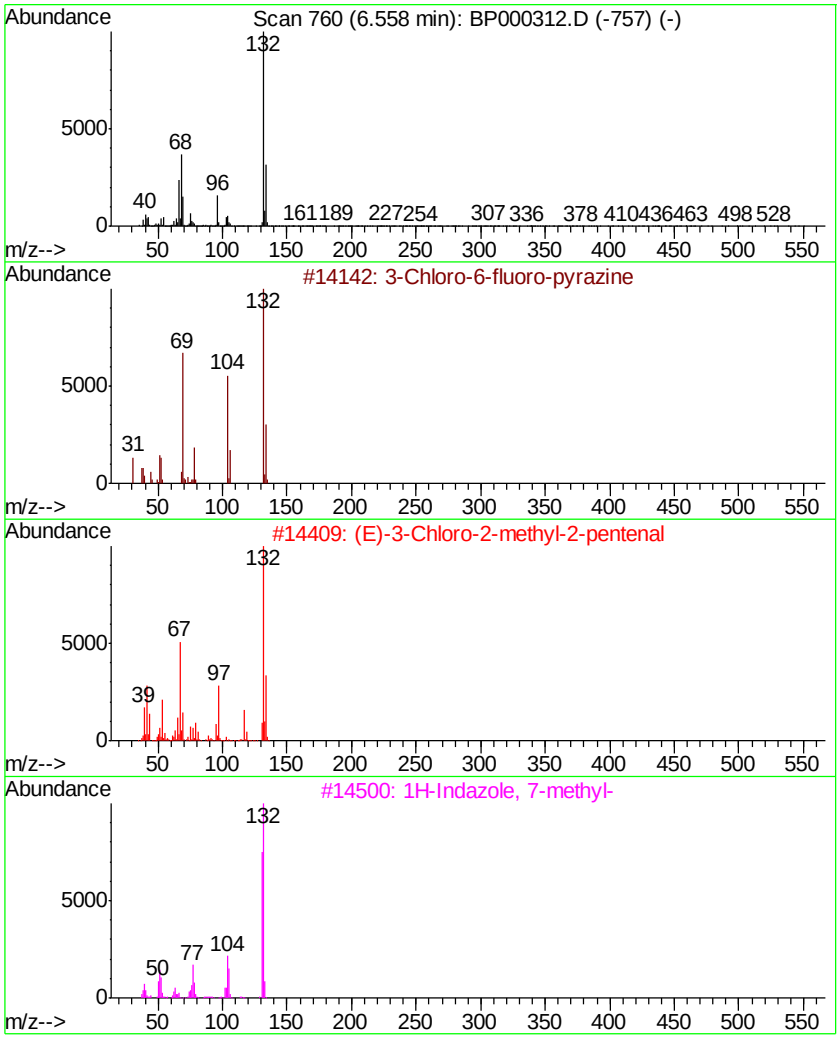
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

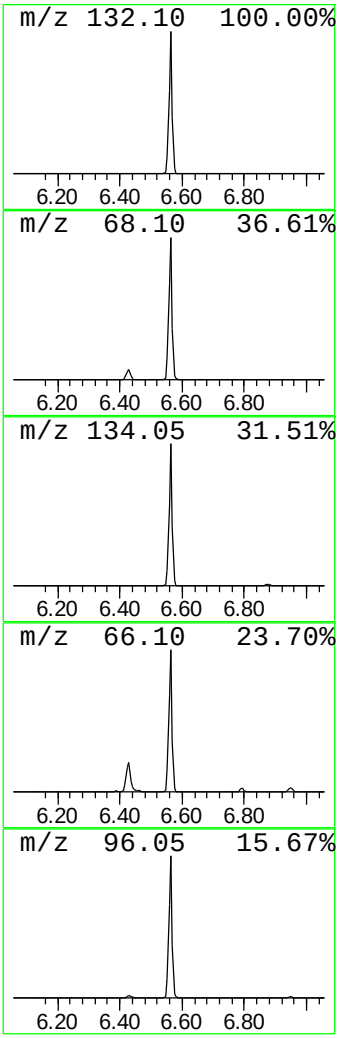
****

Peak Number 1 unknown6.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	30.91 ng	2374560	1,4-Dichlorobenzene-d4	6.79

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	17
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	12
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000312.D
Acq On : 18 Sep 2019 21:15
Operator : HP/JU
Sample : K4918-11DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

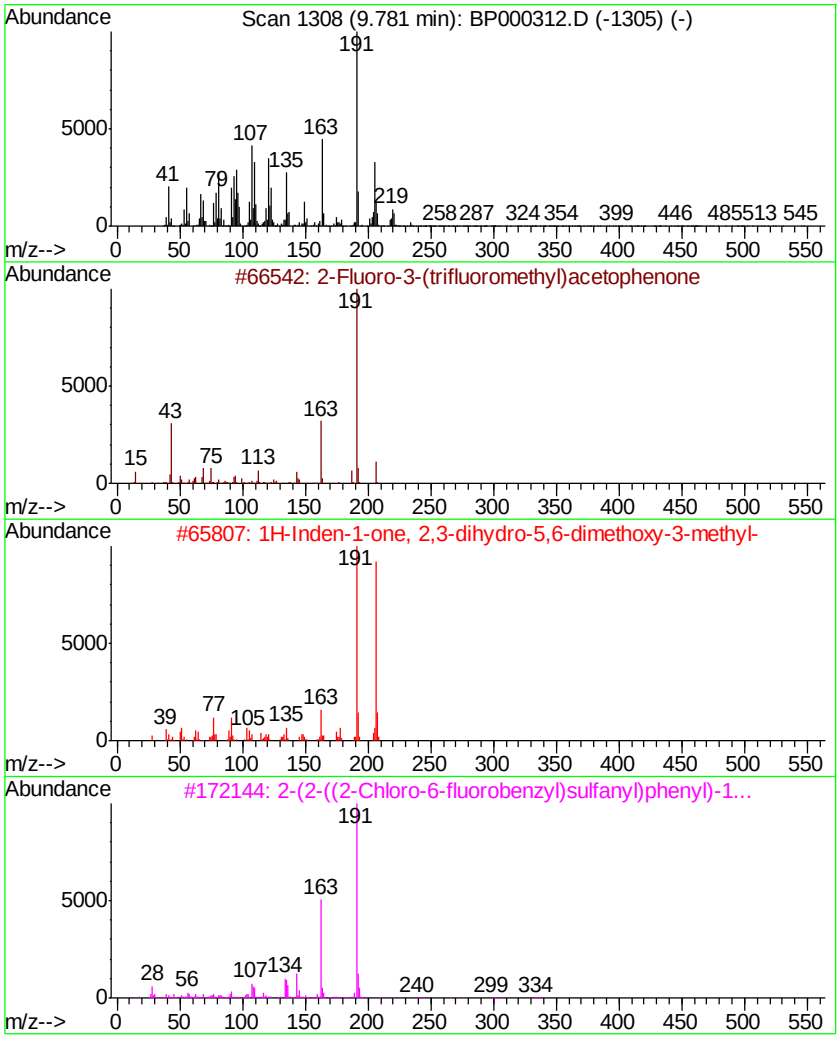
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

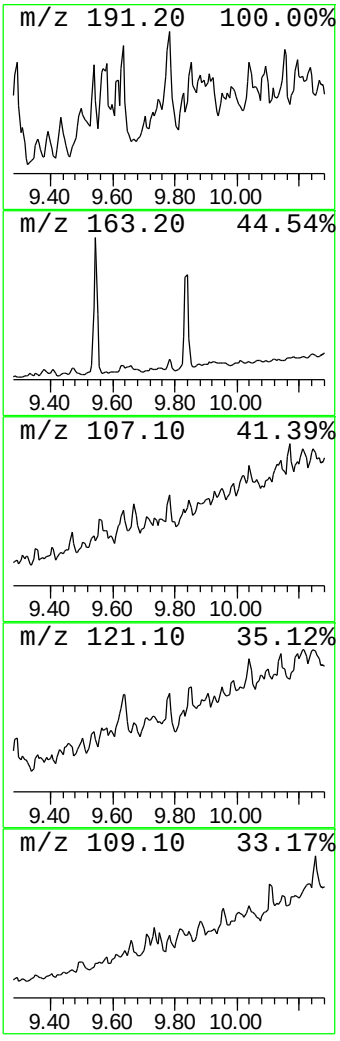
****

Peak Number 3 unknown9.78 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	2.31 ng	335388	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Fluoro-3-(trifluoromethyl)acet...	206	C9H6F4O	1000342-40-2	43
2	1H-Inden-1-one, 2,3-dihydro-5,6-...	206	C12H14O3	004082-25-1	43
3	2-(2-((2-Chloro-6-fluorobenzyl)s...	334	C17H16ClFN2S	1000298-18-2	40
4	3-Fluoro-5-(trifluoromethyl)prop...	220	C10H8F4O	207974-20-7	38
5	4-Fluoro-3-(trifluoromethyl)acet...	206	C9H6F4O	208173-24-4	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000312.D
Acq On : 18 Sep 2019 21:15
Operator : HP/JU
Sample : K4918-11DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

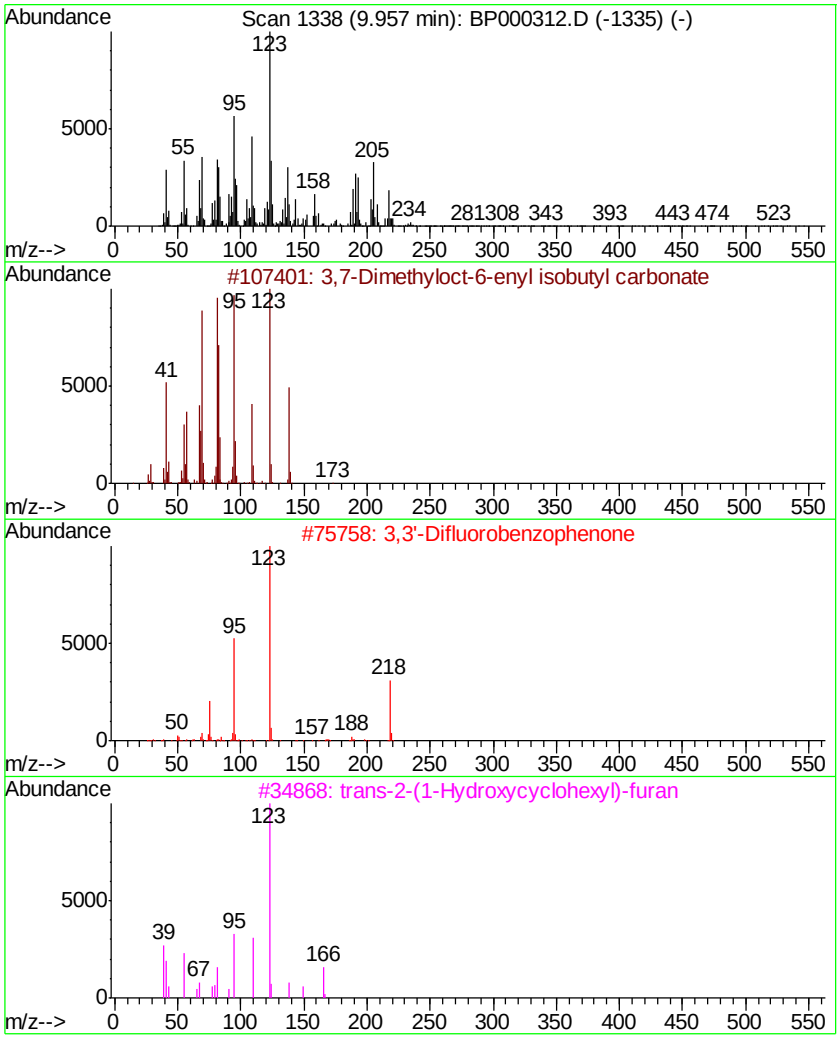
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

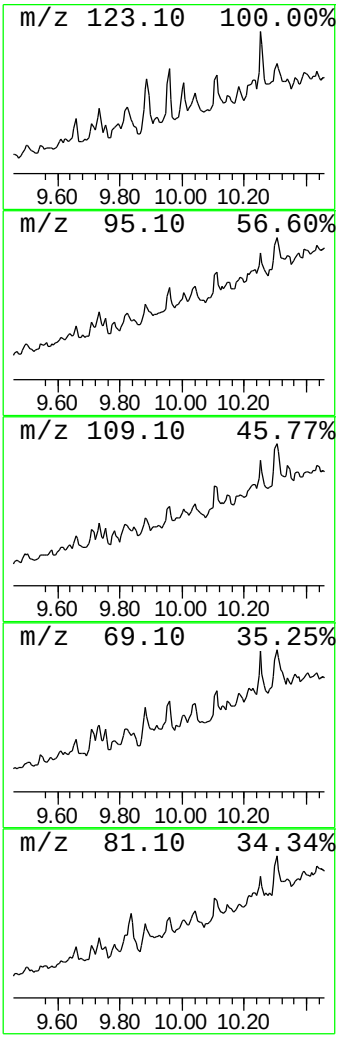
****

Peak Number 4 unknown9.96 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	2.35 ng	340770	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7-Dimethyloct-6-enyl isobutyl ...	256	C15H28O3	1000372-79-6	38
2	3,3'-Difluorobenzophenone	218	C13H8F2O	000345-70-0	27
3	trans-2-(1-Hydroxycyclohexyl)-furan	166	C10H14O2	115754-87-5	27
4	3-Fluorobenzoic acid, 3,5-dimeth...	250	C15H19FO2	1000279-01-8	27
5	2-Butenamide, N-(4-methoxyphenyl...	205	C12H15NO2	1000307-27-0	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000312.D
Acq On : 18 Sep 2019 21:15
Operator : HP/JU
Sample : K4918-11DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

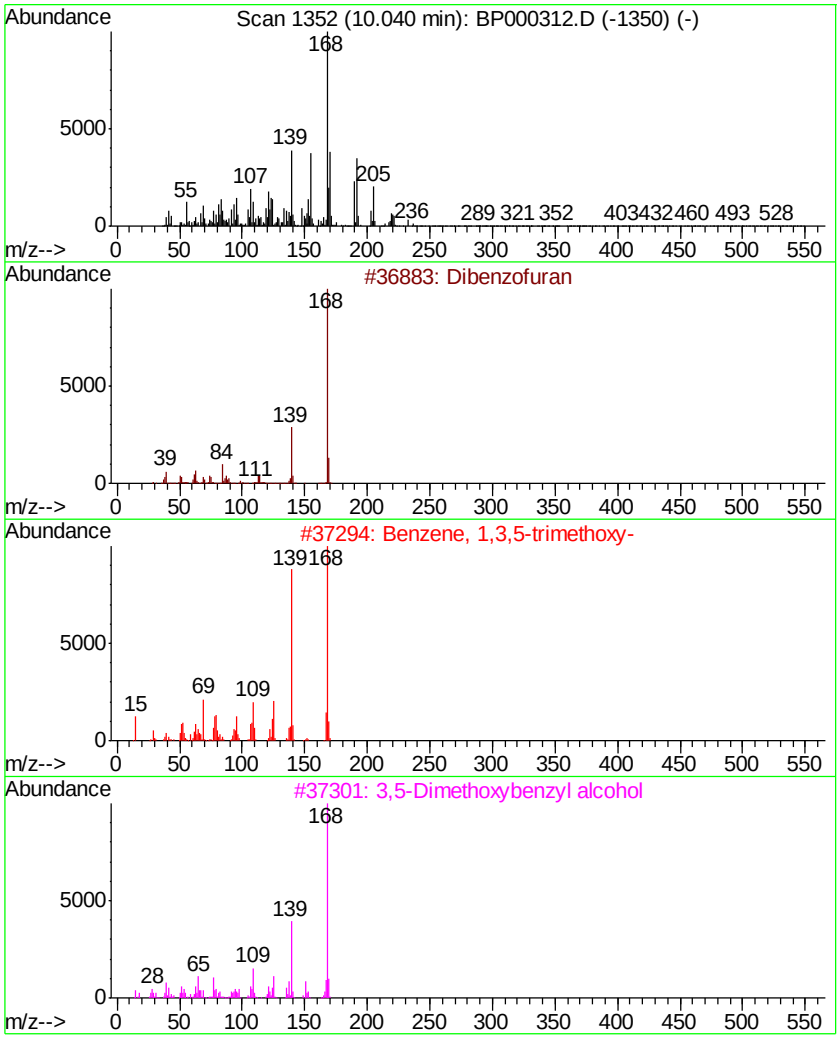
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

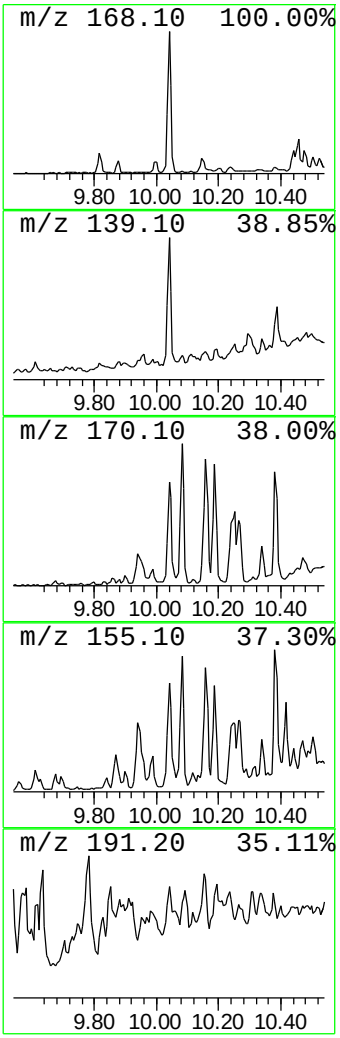
****

Peak Number 5 unknown10.04 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	3.06 ng	442936	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	50
2	Benzene, 1,3,5-trimethoxy-	168	C9H12O3	000621-23-8	38
3	3,5-Dimethoxybenzyl alcohol	168	C9H12O3	000705-76-0	38
4	Benzenemethanol, 3,4-dimethoxy-	168	C9H12O3	000093-03-8	38
5	Benzenemethanol, 3,5-dimethoxy-....	224	C13H20O3	055030-14-3	32





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000312.D
Acq On : 18 Sep 2019 21:15
Operator : HP/JU
Sample : K4918-11DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

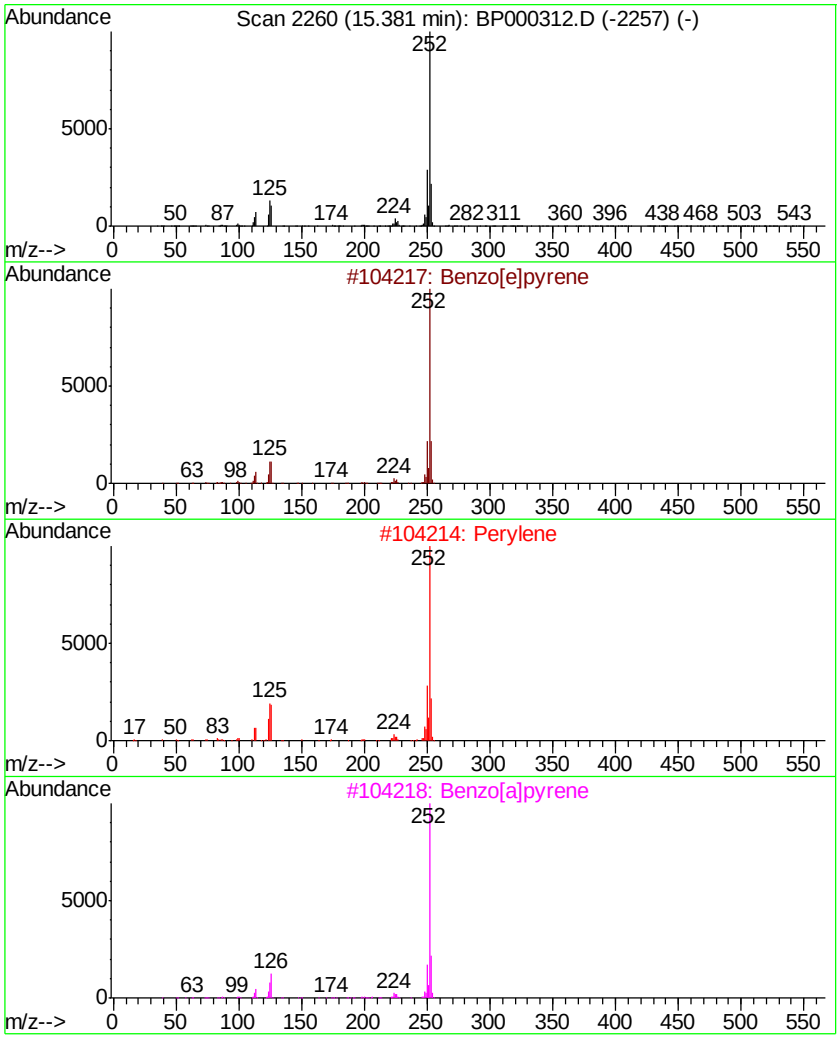
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

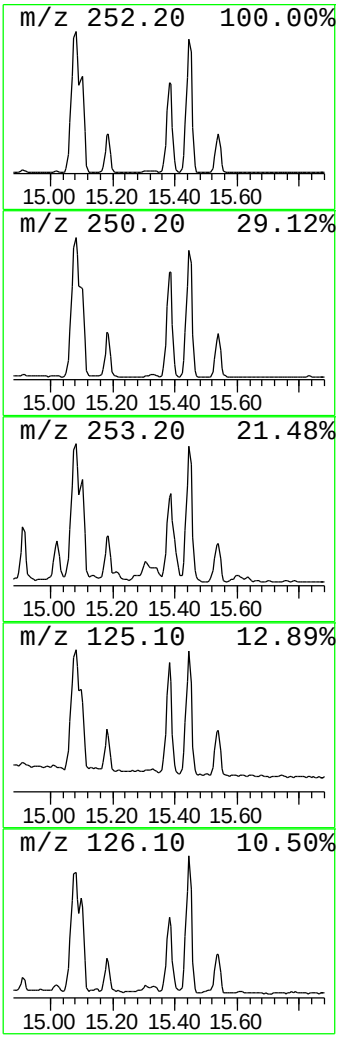
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	32.09 ng	2707530	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091819\
Data File : BP000312.D
Acq On : 18 Sep 2019 21:15
Operator : HP/JU
Sample : K4918-11DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-13DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.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
unknown6.56	6.56	30.9	ng	2374560	1	6.79	1536310	20.0
unknown9.78	9.78	2.3	ng	335388	3	9.83	2899610	20.0
unknown9.96	9.96	2.4	ng	340770	3	9.83	2899610	20.0
unknown10.04	10.04	3.1	ng	442936	3	9.83	2899610	20.0
Benzo[e]pyrene	15.38	32.1	ng	2707530	6	15.51	1687370	20.0