LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
Data File : BP000336.D
Acq On : 19 Sep 2019 17:40
Operator : HP/JU
Sample : K4960-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ROLL-OFF-COMP

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	5.410	561	565	569	rBV	3659496	3471124	70.53%	6.588%
2	6.422	733	737	749	rBV	3593187	3887735	79.00%	7.379%
3	6.563	756	761	764	rBV	4277299	3884726	78.94%	7.374%
4	6.793	796	800	803	rBV	1479837	1220980	24.81%	2.318%
5	6.945	822	826	830	rBV	3874880	3271333	66.47%	6.209%
6	7.345	890	894	897	rBV	2482237	2204513	44.79%	4.184%
7	8.075	1014	1018	1020	rBV	1769761	1579726	32.10%	2.998%
8	8.092	1020	1021	1027	rVB	533130	351891	7.15%	0.668%
9	8.787	1136	1139	1142	rBV	627240	463618	9.42%	0.880%
10	8.887	1151	1156	1159	rBV	314559	252727	5.14%	0.480%
11	9.151	1197	1201	1204	rBV	6274629	4921405	100.00%	9.341%
12	9.251	1214	1218	1221	rVB	192032	150188	3.05%	0.285%
13	9.345	1231	1234	1240	rVB	62668	63093	1.28%	0.120%
14	9.410	1242	1245	1250	rVV2	122209	170911	3.47%	0.324%
15	9.492	1255	1259	1261	rBV	171216	173017	3.52%	0.328%
16	9.516	1261	1263	1265	rVV	124899	93806	1.91%	0.178%
17	9.545	1265	1268	1271	rVB	516233	436280	8.86%	0.828%
18	9.692	1287	1293	1298	rVB2	66260	66747	1.36%	0.127%
19	9.834	1310	1317	1320	rBV	2226675	1912425	38.86%	3.630%
20	9.863	1320	1322	1326	rVB	1006840	779888	15.85%	1.480%
21	9.992	1339	1344	1348	rBV	56999	61027	1.24%	0.116%
22	10.039	1348	1352	1355	rBV	608269	535757	10.89%	1.017%
23	10.381	1407	1410	1416	rVB	974777	796765	16.19%	1.512%
24	10.451	1416	1422	1423	rBV	74146	98832	2.01%	0.188%
25	10.469	1423	1425	1428	rVB	116809	87885	1.79%	0.167%
26	10.539	1435	1437	1442	rVB	151208	130256	2.65%	0.247%
27	10.622	1447	1451	1456	rBV	3213479	3074344	62.47%	5.835%
28	10.933	1497	1504	1507	rBV3	103239	136296	2.77%	0.259%
29	11.222	1548	1553	1559	rVB	138865	147526	3.00%	0.280%
30	11.328	1567	1571	1573	rBV	2237688	1942025	39.46%	3.686%
31	11.351	1573	1575	1578	rVV	1913082	1411451	28.68%	2.679%
32	11.398	1578	1583	1587	rVB	243393	279094	5.67%	0.530%
33	11.557	1604	1610	1613	rBV2	122688	147975	3.01%	0.281%
34	11.833	1651	1657	1659	rBV	152815	141583	2.88%	0.269%

LSC Area Percent Report

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Acq On : 19 Sep 2019 17:40
Operator : HP/JU
Sample : K4960-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ROLL-OFF-COMP

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

35	11.863	1659	1662	1666	rVB	226979	194493	3.95%	0.369%
36	11.910	1666	1670	1673	rBV	68718	60689	1.23%	0.115%
37	11.945	1673	1676	1679	rBV	264211	264481	5.37%	0.502%
38	12.133	1704	1708	1709	rBV	83188	79360	1.61%	0.151%
39	12.151	1709	1711	1715	rVB	86826	72978	1.48%	0.139%
40	12.386	1748	1751	1754	rBV	61465	61491	1.25%	0.117%
41	12.551	1775	1779	1782	rBV	1348418	1102958	22.41%	2.094%
42	12.780	1812	1818	1821	rBV	1005025	982467	19.96%	1.865%
43	12.927	1839	1843	1846	rVB	5914961	4920926	99.99%	9.340%
44	13.004	1851	1856	1859	rBV3	59111	103159	2.10%	0.196%
45	13.110	1872	1874	1878	rVB	137951	134413	2.73%	0.255%
46	13.180	1883	1886	1888	rVV	132199	117428	2.39%	0.223%
47	13.216	1890	1892	1895	rVB	82451	72175	1.47%	0.137%
48	13.627	1959	1962	1964	rBV2	73159	86904	1.77%	0.165%
49	13.851	1995	2000	2008	rBV3	260105	541350	11.00%	1.028%
50	13.992	2019	2024	2027	rBV2	2252712	2310890	46.96%	4.386%
51	14.016	2027	2028	2031	rVB	356631	213191	4.33%	0.405%
52	14.098	2040	2042	2046	rBV3	80407	76136	1.55%	0.145%
53	14.474	2104	2106	2109	rBV2	78433	75222	1.53%	0.143%
54	15.045	2199	2203	2206	rBV	294695	489645	9.95%	0.929%
55	15.345	2251	2254	2260	rBV	174558	216729	4.40%	0.411%
56	15.410	2261	2265	2271	rVB	227914	282484	5.74%	0.536%
57	15.474	2271	2276	2280	rBV	1561836	1878347	38.17%	3.565%

Sum of corrected areas: 52684865

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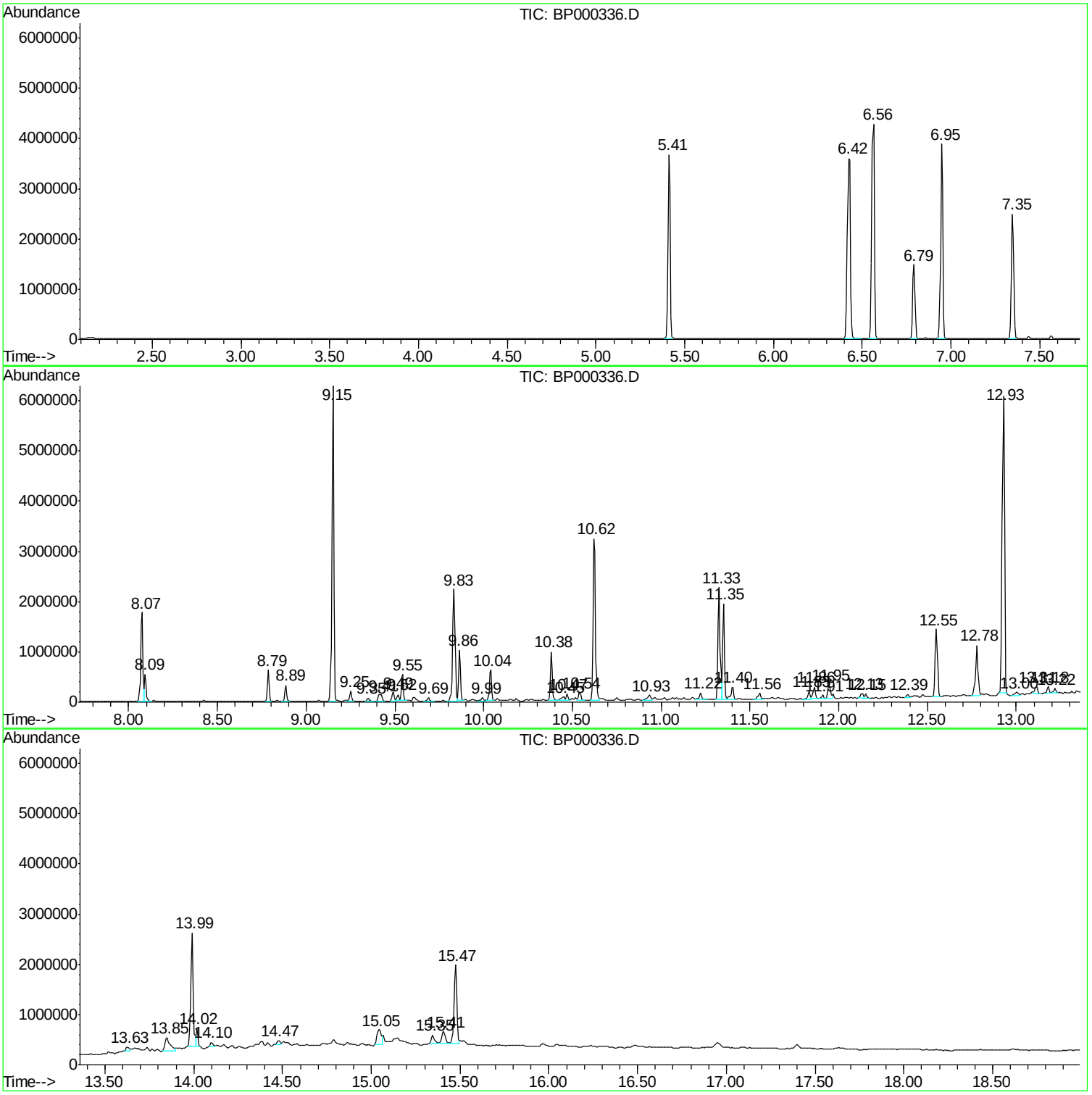
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ROLL-OFF-COMP

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\BP091919\
Data File : BP000336.D
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ClientSampleId : ROLL-OFF-COMP

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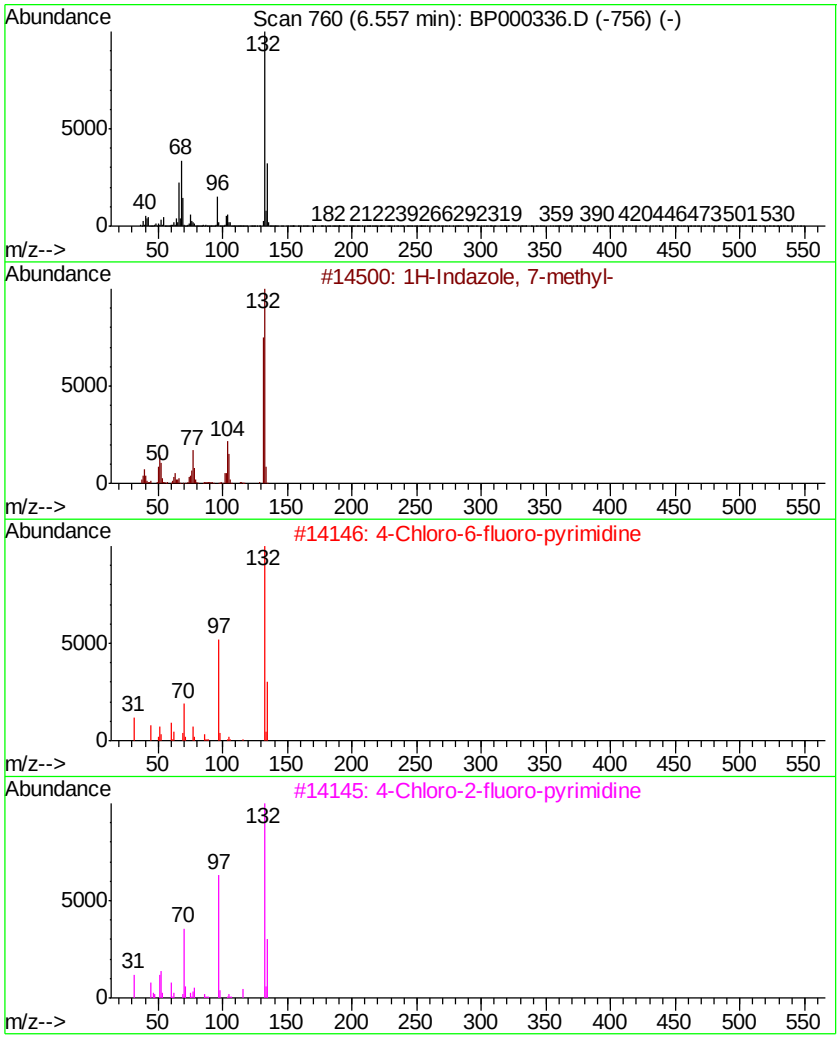
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

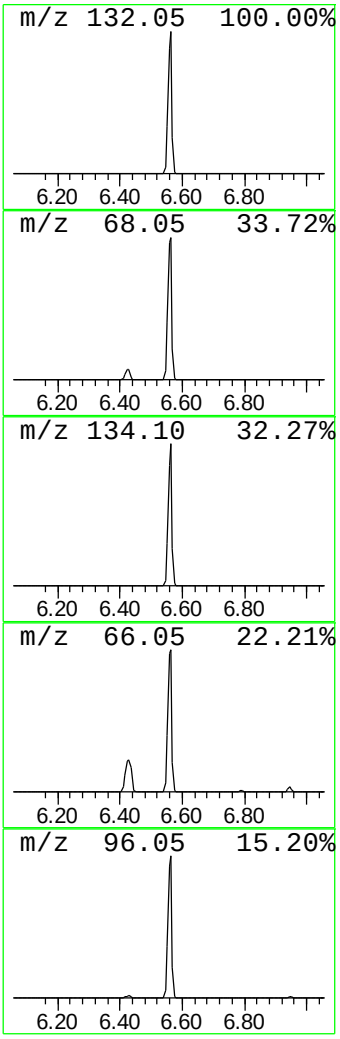
****

Peak Number 1 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	63.63 ng	3884730	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	12
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





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Sample : K4960-01
Misc :
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Instrument : BNA_P
ClientSampleId : ROLL-OFF-COMP

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

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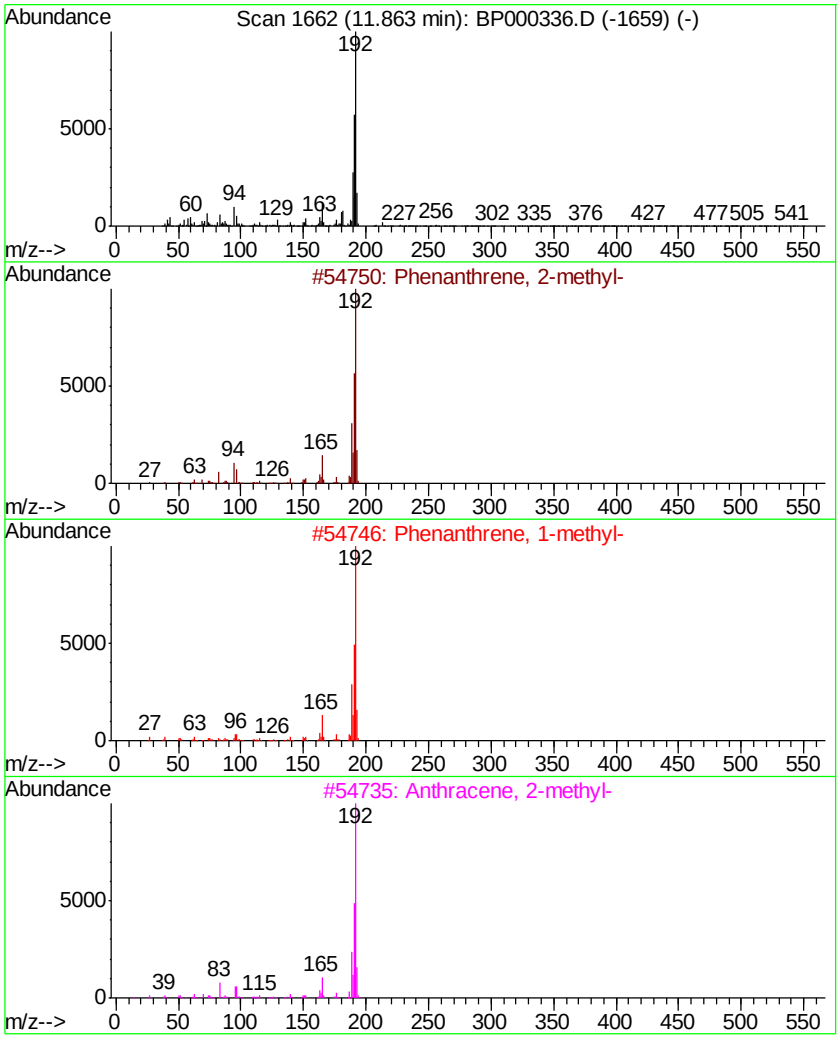
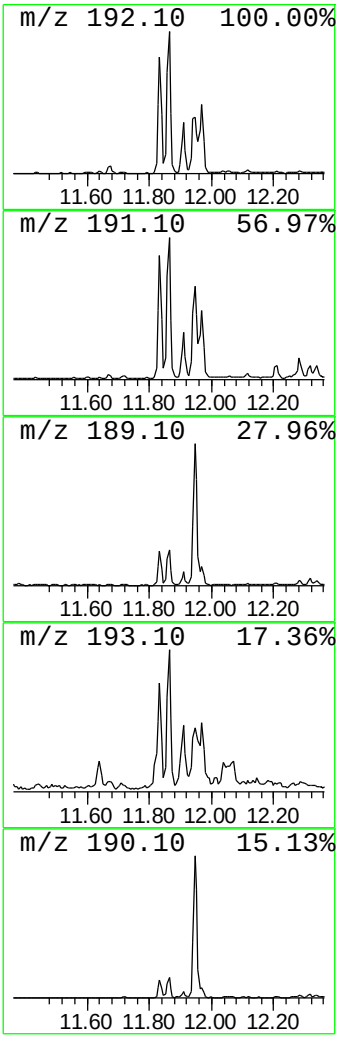
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.00 ng	194493	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Library Search Compound Report

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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ROLL-OFF-COMP

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

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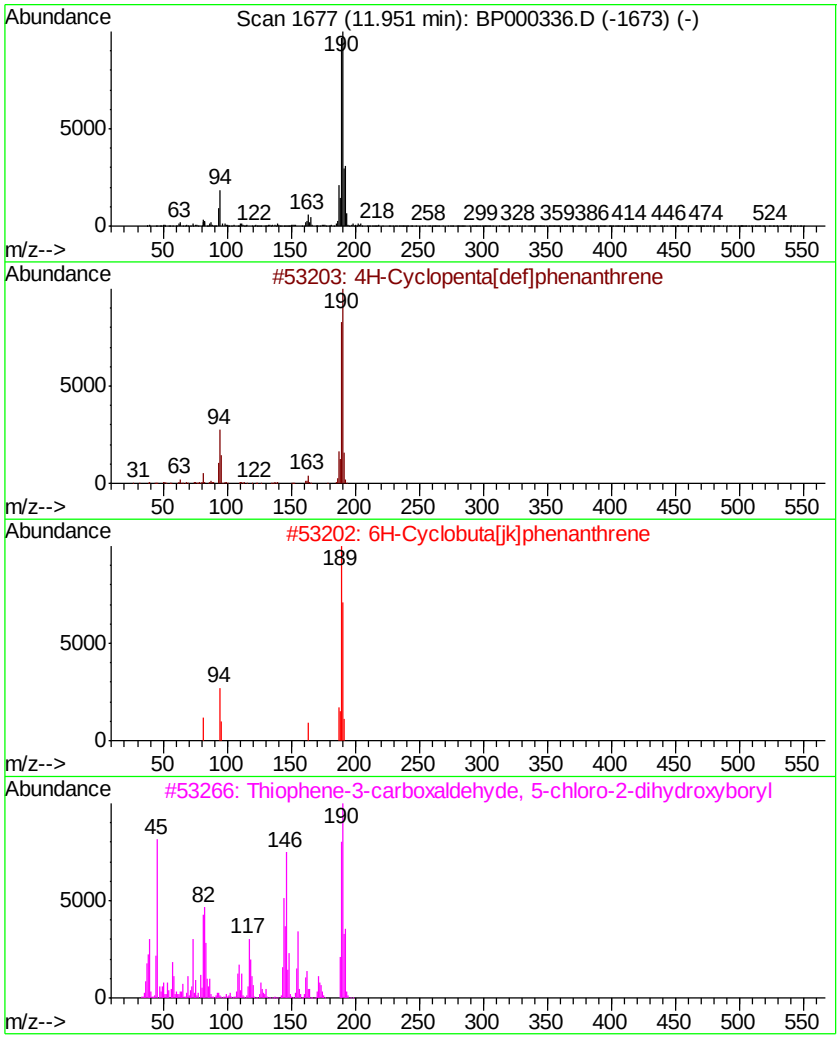
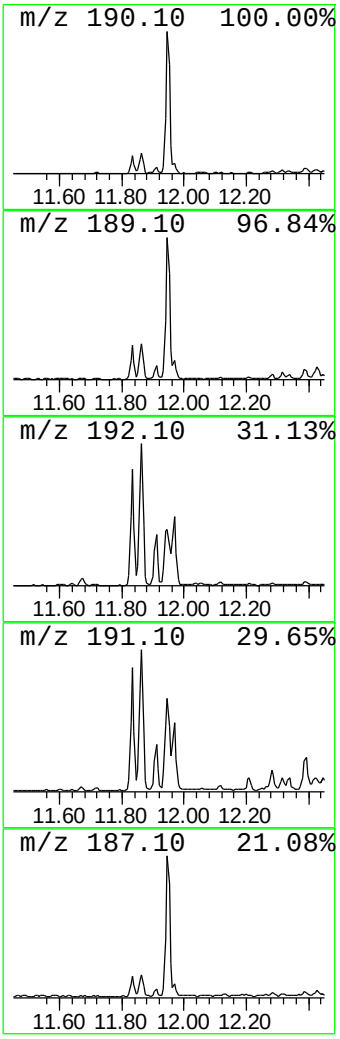
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.72 ng	264481	Phenanthrene-d10	11.33

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	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





Library Search Compound Report

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Acq On : 19 Sep 2019 17:40
Operator : HP/JU
Sample : K4960-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ROLL-OFF-COMP

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

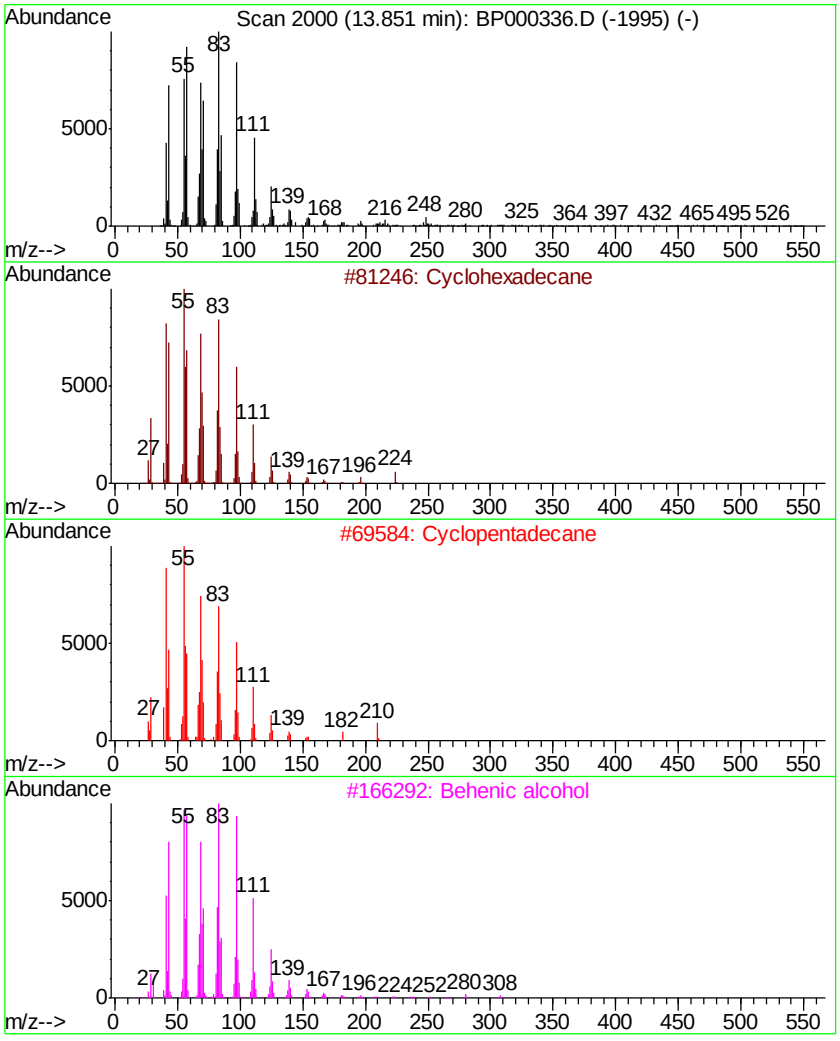
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

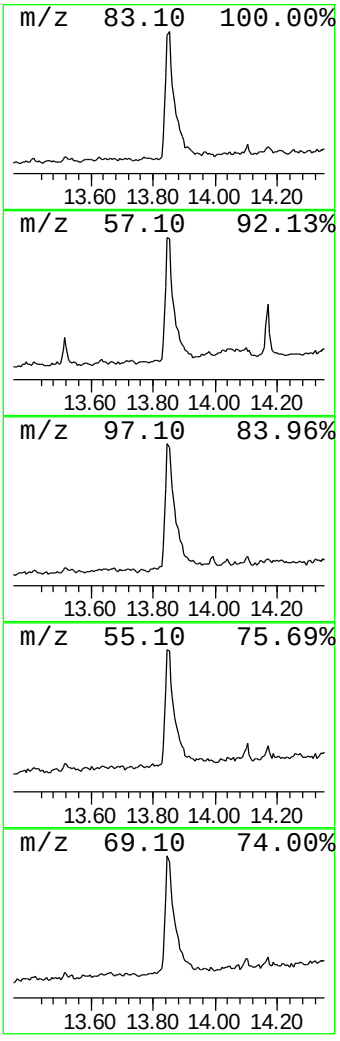
****

Peak Number 5 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	4.69 ng	541350	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Cyclopentadecane	210	C15H30	000295-48-7	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	93





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Misc :
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Instrument : BNA_P
ClientSampleId : ROLL-OFF-COMP

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

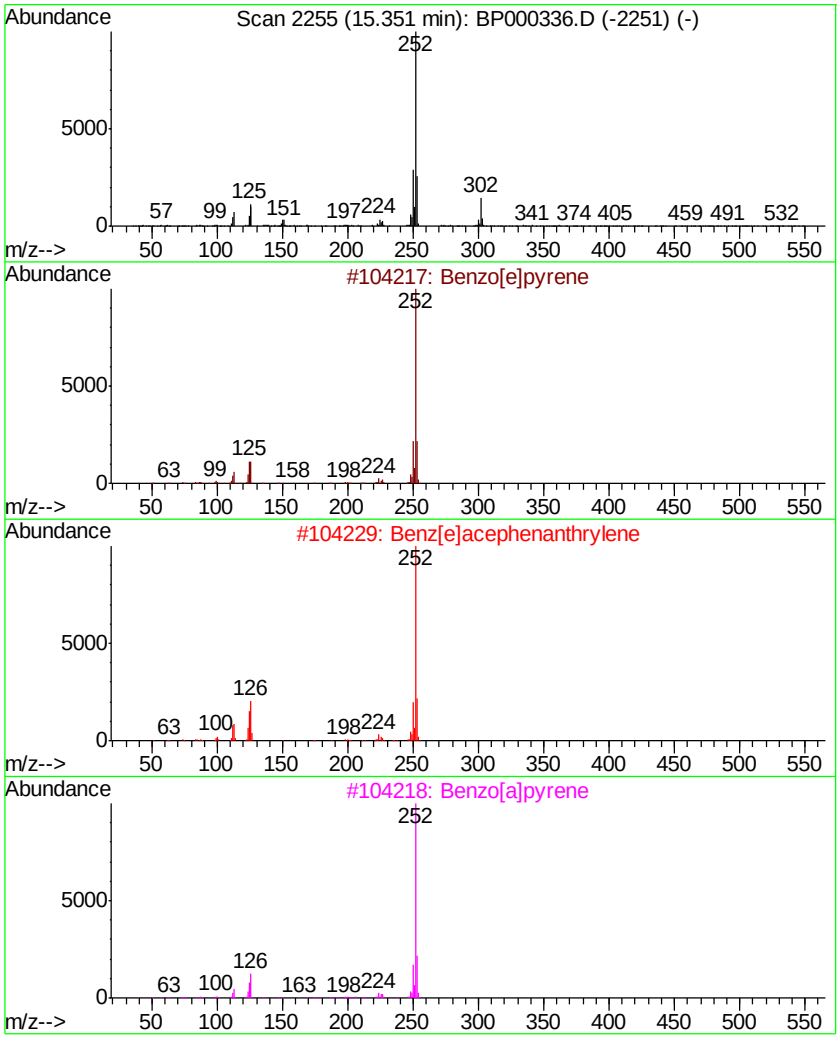
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

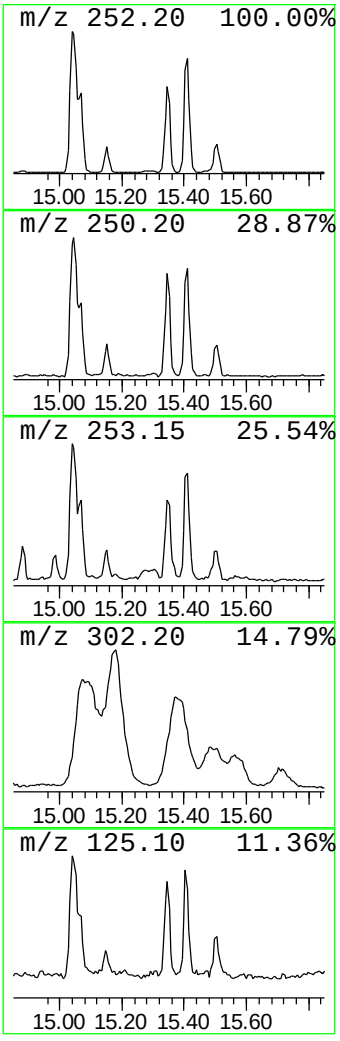
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	2.31 ng	216729	Perylene-d12	15.47

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	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Perylene	252	C20H12	000198-55-0	76
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091919\
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ClientSampleId : ROLL-OFF-COMP

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	63.6	ng	3884730	1	6.79	1220980	20.0
Phenanthrene, 2-m...	11.86	2.0	ng	194493	4	11.33	1942030	20.0
4H-Cyclopenta[def...	11.95	2.7	ng	264481	4	11.33	1942030	20.0
Cyclohexadecane	13.85	4.7	ng	541350	5	13.99	2310890	20.0
Benzo[e]pyrene	15.35	2.3	ng	216729	6	15.47	1878350	20.0