LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091719\
Data File : BP000288.D
Acq On : 17 Sep 2019 21:26
Operator : HP/JU
Sample : K4666-12 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-02-091619

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	584	rBV	391048	385824	9.56%	1.079%
2	6.422	733	737	749	rBV2	483572	559458	13.86%	1.564%
3	6.557	757	760	769	rBV	477291	437530	10.84%	1.223%
4	6.793	796	800	803	rBV	2338109	1878273	46.53%	5.252%
5	6.946	823	826	834	rVB	521404	406692	10.08%	1.137%
6	7.346	890	894	898	rBV	110009	94135	2.33%	0.263%
7	8.075	1014	1018	1021	rBV	3025926	2415455	59.84%	6.754%
8	9.151	1197	1201	1204	rBV	775742	653381	16.19%	1.827%
9	9.546	1265	1268	1273	rBV2	120545	115419	2.86%	0.323%
10	9.646	1282	1285	1290	rVB2	61649	66881	1.66%	0.187%
11	9.693	1290	1293	1298	rVB	166160	138532	3.43%	0.387%
12	9.834	1313	1317	1320	rBV	3627828	2825295	69.99%	7.900%
13	9.863	1320	1322	1326	rVB	140156	111045	2.75%	0.310%
14	10.040	1348	1352	1355	rVB	94180	88481	2.19%	0.247%
15	10.151	1367	1371	1374	rBV2	35629	51196	1.27%	0.143%
16	10.381	1407	1410	1417	rBV	197461	172934	4.28%	0.484%
17	10.451	1417	1422	1423	rBV	38320	45968	1.14%	0.129%
18	10.540	1434	1437	1440	rBV	47494	40597	1.01%	0.114%
19	10.622	1447	1451	1455	rBV	287282	261802	6.49%	0.732%
20	10.663	1455	1458	1464	rVB4	43264	65864	1.63%	0.184%
21	10.751	1470	1473	1478	rVB3	73193	80285	1.99%	0.224%
22	10.934	1500	1504	1507	rBV2	54372	59445	1.47%	0.166%
23	11.069	1521	1527	1529	rBV3	60325	89092	2.21%	0.249%
24	11.128	1534	1537	1542	rVV	96519	101765	2.52%	0.285%
25	11.175	1542	1545	1548	rVV2	48616	58823	1.46%	0.164%
26	11.222	1551	1553	1559	rVB	108194	115950	2.87%	0.324%
27	11.328	1567	1571	1573	rBV	3643224	2994346	74.18%	8.373%
28	11.351	1573	1575	1578	rVV	1564939	1162655	28.80%	3.251%
29	11.404	1578	1584	1587	rVB	555799	524179	12.99%	1.466%
30	11.434	1587	1589	1593	rBV2	51058	62103	1.54%	0.174%
31	11.557	1605	1610	1613	rBV2	104073	122804	3.04%	0.343%
32	11.663	1625	1628	1630	rVB	78646	62041	1.54%	0.173%
33	11.745	1639	1642	1646	rVB	42798	45552	1.13%	0.127%
34	11.834	1654	1657	1659	rBV	254102	206789	5.12%	0.578%

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Misc :
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Instrument : BNA_P
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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	364444	306447	7.59%	0.857%
36	11.910	1666	1670	1672	rBV	168358	156441	3.88%	0.437%
37	11.945	1672	1676	1679	rVV	472109	536307	13.29%	1.500%
38	11.969	1679	1680	1685	rVB	181132	97681	2.42%	0.273%
39	12.128	1705	1707	1709	rBV	153887	131638	3.26%	0.368%
40	12.151	1709	1711	1715	rVB2	132195	124595	3.09%	0.348%
41	12.263	1728	1730	1731	rBV	53484	42786	1.06%	0.120%
42	12.281	1731	1733	1736	rVV	84536	79898	1.98%	0.223%
43	12.316	1736	1739	1741	rVV	111458	106299	2.63%	0.297%
44	12.340	1741	1743	1745	rVB2	91565	73010	1.81%	0.204%
45	12.392	1748	1752	1754	rVV	250820	267743	6.63%	0.749%
46	12.428	1754	1758	1763	rVV2	163768	276700	6.85%	0.774%
47	12.469	1763	1765	1771	rVV3	165870	214093	5.30%	0.599%
48	12.551	1775	1779	1782	rVV	2769445	2197480	54.44%	6.144%
49	12.598	1785	1787	1789	rVV	69931	78922	1.96%	0.221%
50	12.645	1793	1795	1798	rVV2	55680	50552	1.25%	0.141%
51	12.704	1803	1805	1809	rVB3	79864	81015	2.01%	0.227%
52	12.781	1812	1818	1821	rBV	2411685	2324287	57.58%	6.499%
53	12.804	1821	1822	1825	rVB2	86290	59536	1.47%	0.166%
54	12.898	1836	1838	1840	rBV	124538	107310	2.66%	0.300%
55	12.922	1840	1842	1850	rVB	854765	870316	21.56%	2.434%
56	13.004	1851	1856	1859	rBV2	200320	317344	7.86%	0.887%
57	13.057	1863	1865	1868	rBV3	66610	76583	1.90%	0.214%
58	13.092	1868	1871	1872	rVV2	150804	183465	4.55%	0.513%
59	13.110	1872	1874	1878	rVB	383492	355376	8.80%	0.994%
60	13.181	1883	1886	1888	rVB	249331	204310	5.06%	0.571%
61	13.216	1889	1892	1895	rBV2	340236	324298	8.03%	0.907%
62	13.310	1905	1908	1911	rVB	223296	170687	4.23%	0.477%
63	13.339	1911	1913	1917	rBV	199181	192552	4.77%	0.538%
64	13.622	1959	1961	1966	rVB	176934	202991	5.03%	0.568%
65	13.734	1977	1980	1983	rBV2	193947	272614	6.75%	0.762%
66	13.763	1983	1985	1987	rVB	135248	108242	2.68%	0.303%
67	13.992	2019	2024	2027	rBV2	3373659	4036543	100.00%	11.287%
68	14.016	2027	2028	2031	rVB	918226	551931	13.67%	1.543%
69	15.039	2199	2202	2206	rBV	638410	1031341	25.55%	2.884%
70	15.351	2252	2255	2259	rVB	394747	473731	11.74%	1.325%
71	15.410	2262	2265	2271	rBV	544635	605508	15.00%	1.693%

LSC Area Percent Report

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Instrument : BNA_P
ClientSampleId : PL-02-091619

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

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.475	2272	2276	2280	rBV	1565337	1972276	48.86%	5.515%

Sum of corrected areas: 35763439

LSC Report - Integrated Chromatogram

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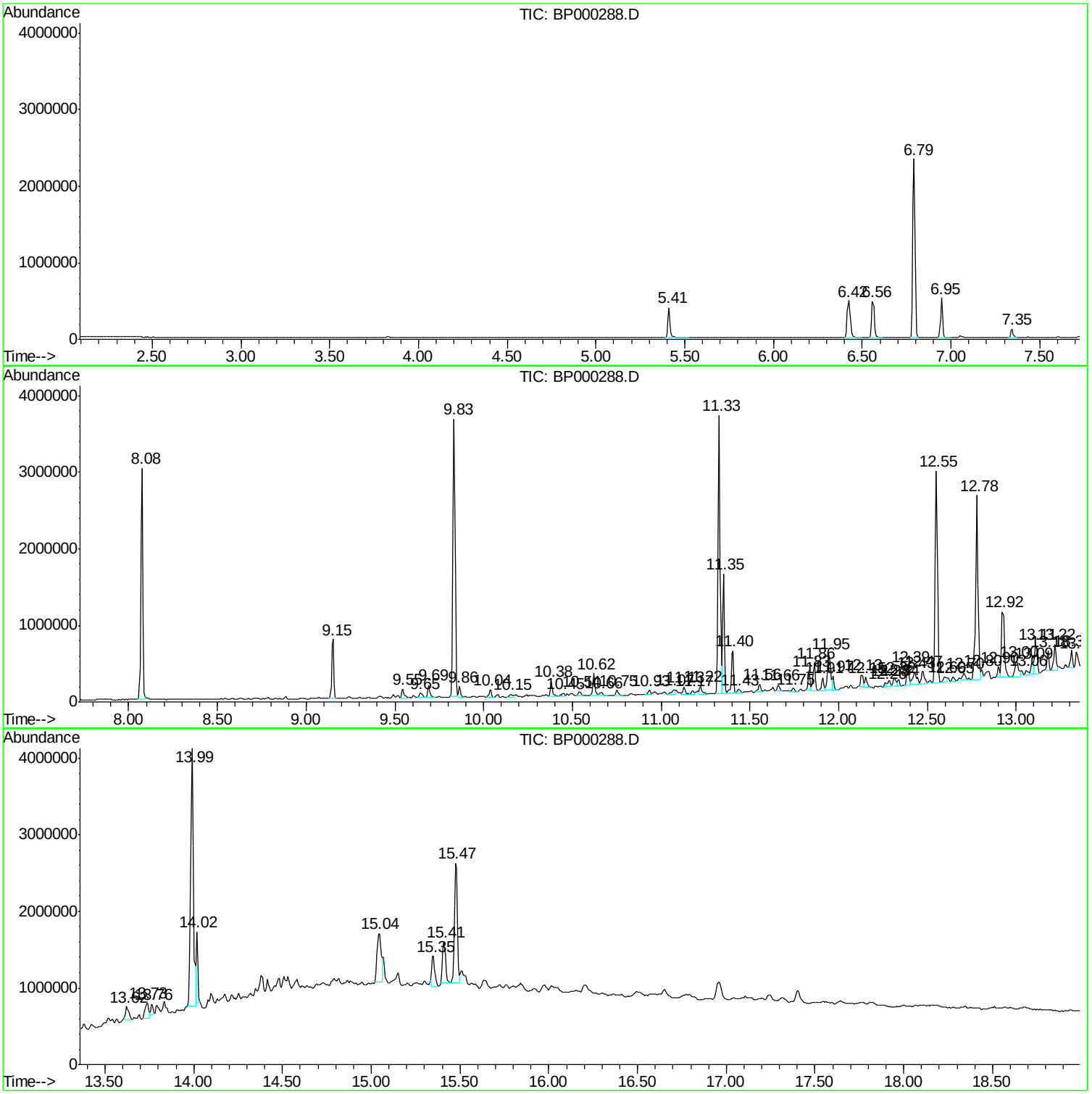
Sample : K4666-12 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-02-091619

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091719\
Data File : BP000288.D
Acq On : 17 Sep 2019 21:26
Operator : HP/JU
Sample : K4666-12 10X
Misc :
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Instrument : BNA_P
ClientSampleId : PL-02-091619

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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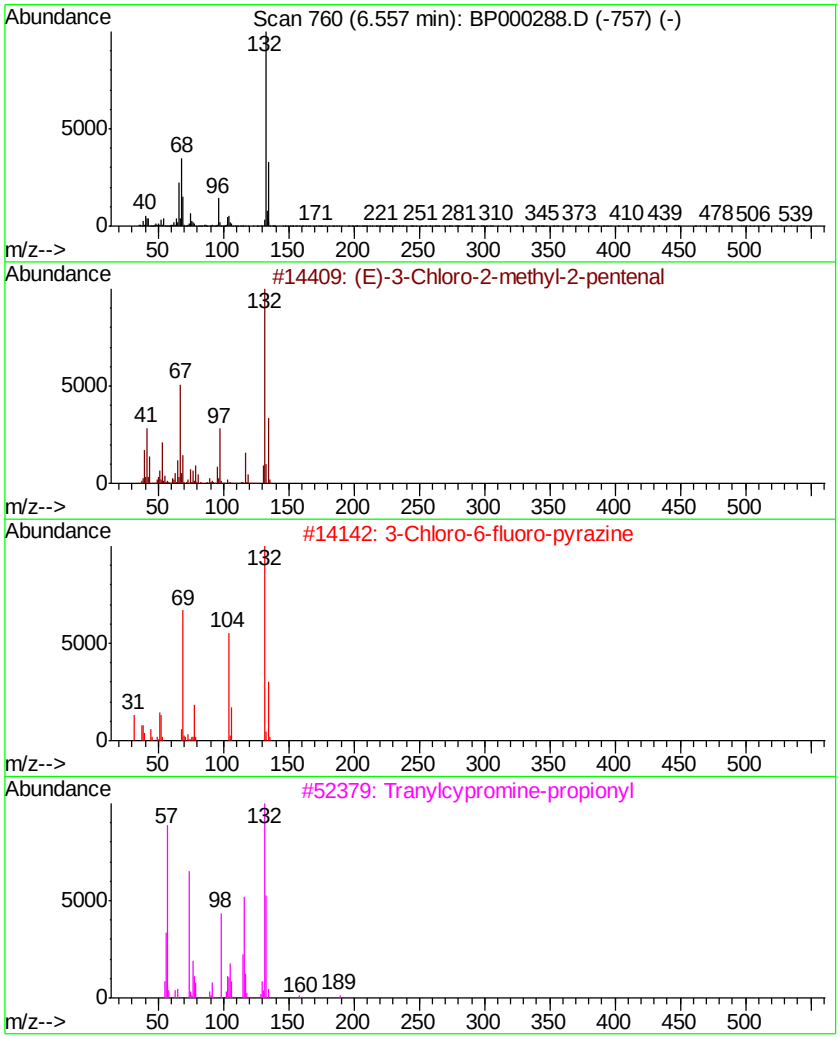
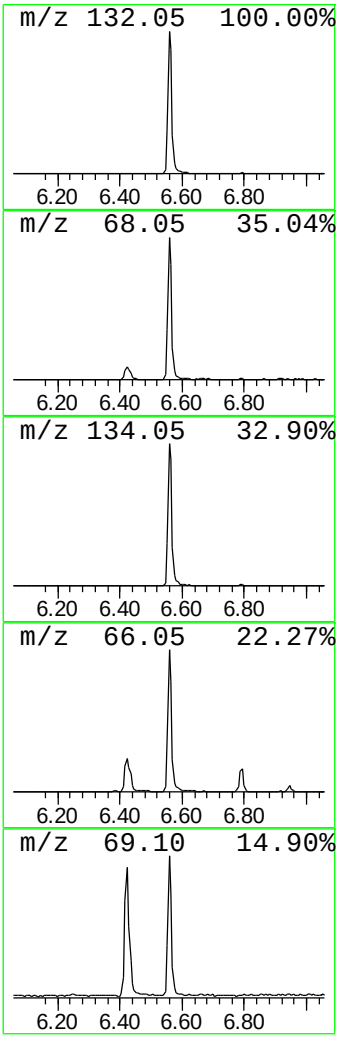
Peak Number 1 unknown6.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	4.66 ng	437530	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





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Instrument : BNA_P
ClientSampleId : PL-02-091619

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

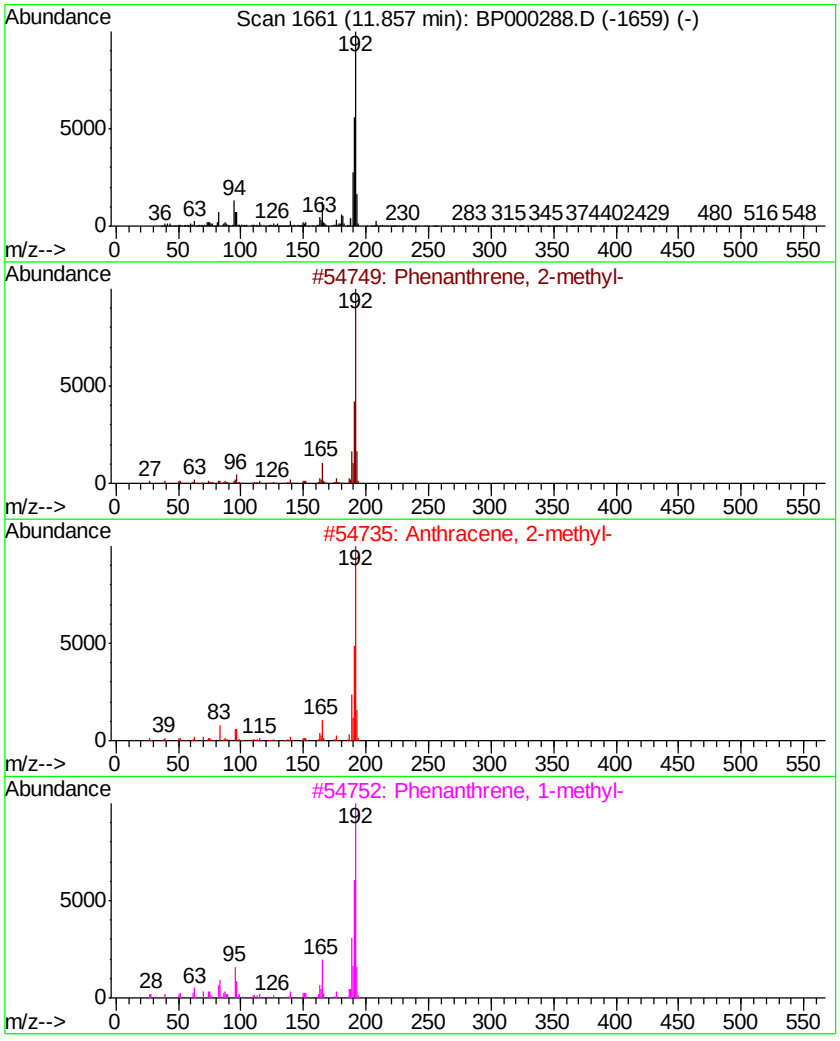
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

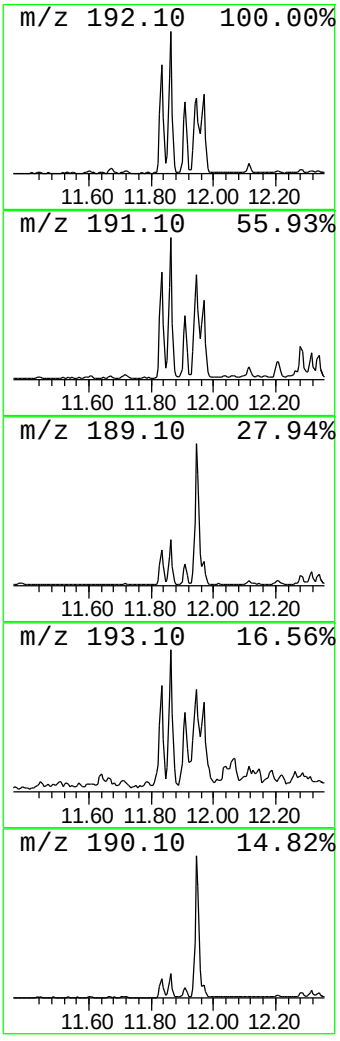
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.05 ng	306447	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091719\
Data File : BP000288.D
Acq On : 17 Sep 2019 21:26
Operator : HP/JU
Sample : K4666-12 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-02-091619

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

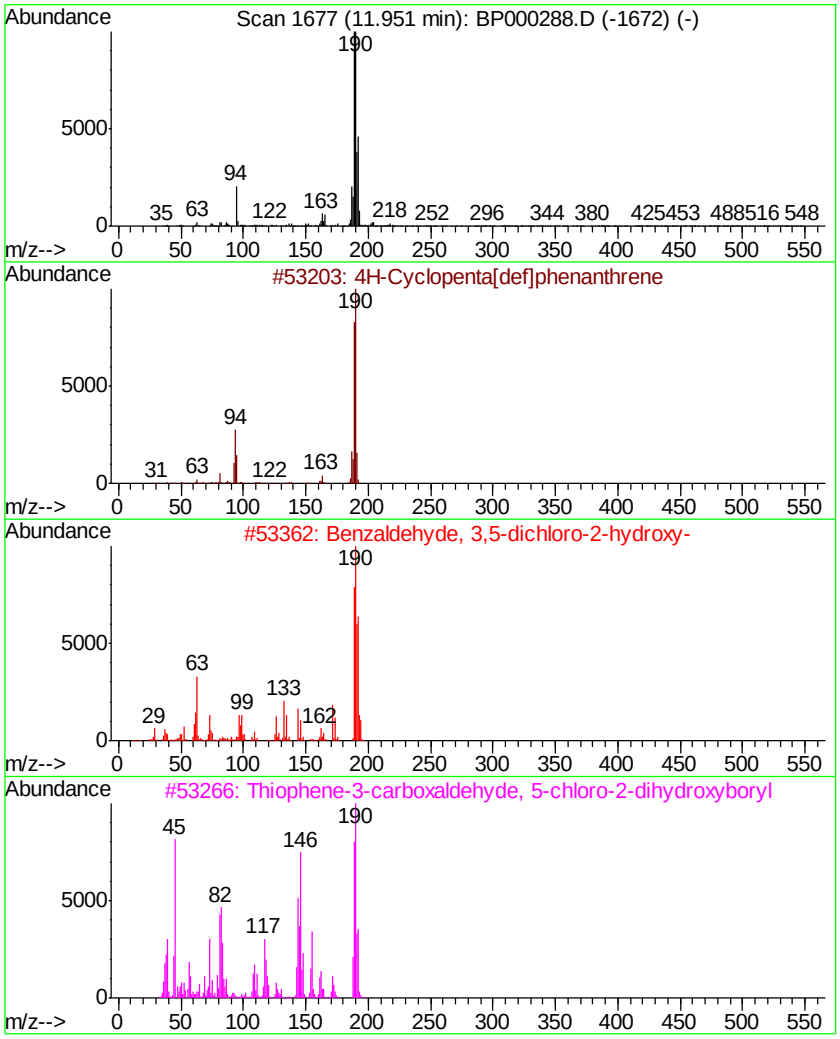
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

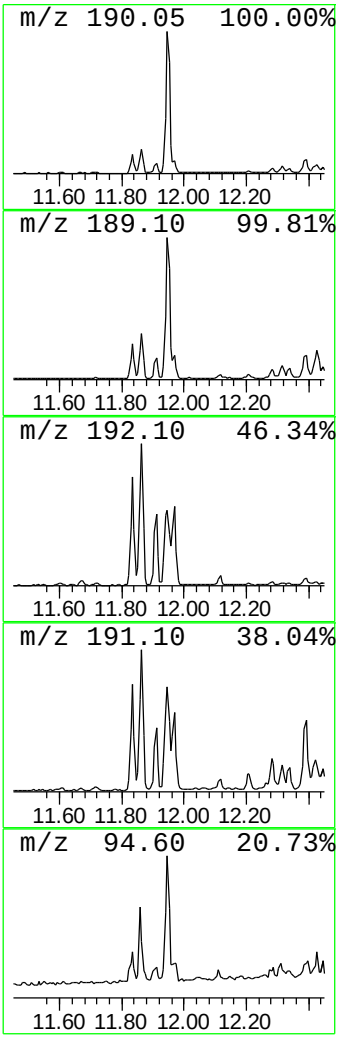
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	3.58 ng	536307	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

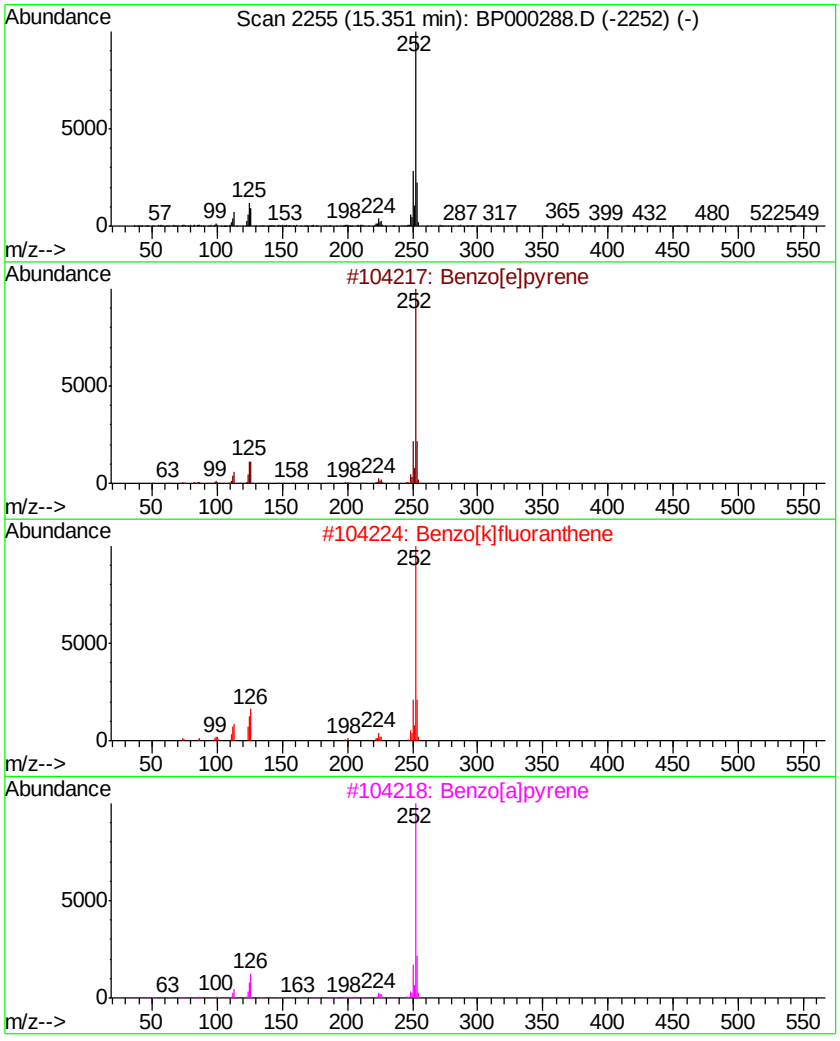
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

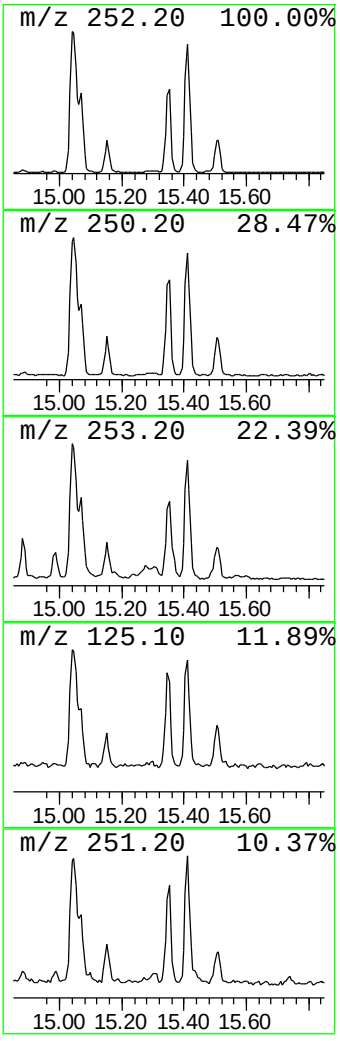
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	4.80 ng	473731	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

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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	4.7	ng	437530	1	6.79	1878270	20.0
Phenanthrene, 2-m...	11.86	2.0	ng	306447	4	11.33	2994350	20.0
4H-Cyclopenta[def...	11.95	3.6	ng	536307	4	11.33	2994350	20.0
Benzo[e]pyrene	15.35	4.8	ng	473731	6	15.47	1972280	20.0