LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000120.D
Acq On : 09 Sep 2019 04:00
Operator : HP/JU
Sample : K4664-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-090619

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-BP083019.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	2.164	8	13	22	rVB	1072299	1333071	19.83%	1.560%
2	5.511	578	582	586	rBV	5477621	4667900	69.43%	5.461%
3	6.511	748	752	755	rBV	5941363	4990264	74.23%	5.838%
4	6.658	773	777	781	rBV	5962530	5130754	76.32%	6.002%
5	6.893	813	817	820	rBV	3443167	2546396	37.88%	2.979%
6	7.052	840	844	847	rBV	4778636	3956613	58.85%	4.629%
7	7.446	907	911	914	rBV	3771496	2869171	42.68%	3.357%
8	8.175	1031	1035	1038	rBV	4307809	3397008	50.53%	3.974%
9	9.252	1214	1218	1221	rBV	8382695	6256610	93.07%	7.319%
10	9.646	1282	1285	1290	rVB	671118	628958	9.36%	0.736%
11	9.793	1307	1310	1315	rBV	505431	390236	5.80%	0.457%
12	9.934	1331	1334	1338	rBV	4865272	3988534	59.33%	4.666%
13	9.969	1338	1340	1343	rVB	139697	107040	1.59%	0.125%
14	10.140	1365	1369	1372	rVB	102904	88972	1.32%	0.104%
15	10.487	1425	1428	1434	rVB	161983	180984	2.69%	0.212%
16	10.722	1464	1468	1479	rBV	4324745	3874004	57.62%	4.532%
17	10.851	1487	1490	1496	rVB3	108122	111953	1.67%	0.131%
18	11.328	1569	1571	1577	rVB	103654	104813	1.56%	0.123%
19	11.434	1585	1589	1591	rBV	4719979	4248247	63.19%	4.970%
20	11.451	1591	1592	1596	rVV	1121940	870884	12.95%	1.019%
21	11.504	1598	1601	1604	rVB	564018	444918	6.62%	0.520%
22	11.763	1643	1645	1648	rVB	109983	81591	1.21%	0.095%
23	11.940	1672	1675	1677	rBV	283793	283773	4.22%	0.332%
24	11.963	1677	1679	1683	rVV2	660954	561195	8.35%	0.657%
25	12.010	1684	1687	1690	rVV	184220	170517	2.54%	0.199%
26	12.051	1690	1694	1696	rVV2	539937	600505	8.93%	0.703%
27	12.075	1696	1698	1702	rVB	240289	197558	2.94%	0.231%
28	12.234	1723	1725	1727	rBV	166301	134995	2.01%	0.158%
29	12.251	1727	1728	1736	rVB2	150653	180322	2.68%	0.211%
30	12.416	1754	1756	1758	rBV	135053	106919	1.59%	0.125%
31	12.440	1758	1760	1763	rVB2	130327	108310	1.61%	0.127%
32	12.493	1766	1769	1772	rBV	392790	382175	5.68%	0.447%
33	12.534	1772	1776	1778	rVV4	238169	324145	4.82%	0.379%
34	12.575	1781	1783	1788	rVV3	232003	278148	4.14%	0.325%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000120.D
Acq On : 09 Sep 2019 04:00
Operator : HP/JU
Sample : K4664-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-090619

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-BP083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.657	1793	1797	1800	rBV	2762143	2426989	36.10%	2.839%
36	12.704	1802	1805	1807	rBV	142831	138022	2.05%	0.161%
37	12.751	1810	1813	1816	rBV	279861	270029	4.02%	0.316%
38	12.810	1820	1823	1827	rBV3	138426	191654	2.85%	0.224%
39	12.887	1830	1836	1839	rBV	3077520	2955628	43.96%	3.458%
40	12.910	1839	1840	1843	rVB2	162967	100926	1.50%	0.118%
41	13.004	1854	1856	1857	rBV	146756	109318	1.63%	0.128%
42	13.034	1857	1861	1864	rVV	7961314	6722836	100.00%	7.865%
43	13.110	1870	1874	1877	rBV3	288766	409076	6.08%	0.479%
44	13.169	1881	1884	1885	rBV2	105911	104711	1.56%	0.122%
45	13.216	1890	1892	1896	rVB	474310	472125	7.02%	0.552%
46	13.287	1901	1904	1907	rVB	341272	297603	4.43%	0.348%
47	13.322	1907	1910	1914	rBV	493616	490659	7.30%	0.574%
48	13.416	1924	1926	1929	rVB	395013	314609	4.68%	0.368%
49	13.445	1929	1931	1934	rBV	336142	309093	4.60%	0.362%
50	13.622	1959	1961	1964	rBV2	175106	216425	3.22%	0.253%
51	13.728	1977	1979	1984	rVB2	241112	297371	4.42%	0.348%
52	13.845	1995	1999	2002	rBV2	275289	447333	6.65%	0.523%
53	13.875	2002	2004	2006	rVB	232685	174275	2.59%	0.204%
54	13.945	2013	2016	2026	rVB4	622863	861218	12.81%	1.008%
55	14.098	2037	2042	2045	rBV2	4882252	5826661	86.67%	6.816%
56	14.122	2045	2046	2052	rVB	1322801	1074021	15.98%	1.256%
57	15.169	2221	2224	2228	rBV	1100129	1846091	27.46%	2.160%
58	15.492	2275	2279	2285	rVB	811421	1012067	15.05%	1.184%
59	15.557	2286	2290	2295	rVB	1060836	1332136	19.82%	1.558%
60	15.628	2297	2302	2305	rBV	2734756	3481920	51.79%	4.073%

Sum of corrected areas: 85480279

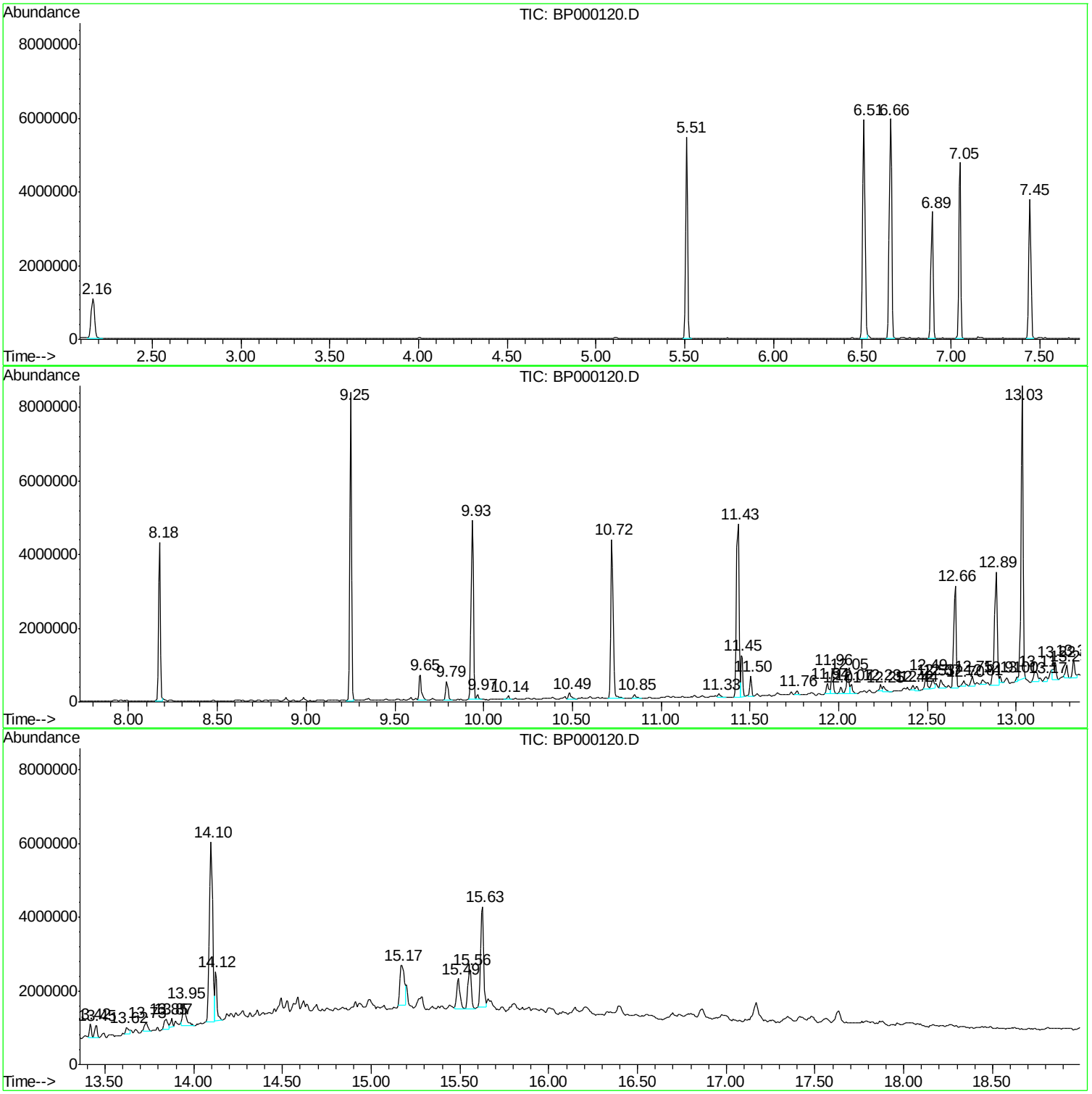
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000120.D
Acq On : 09 Sep 2019 04:00
Operator : HP/JU
Sample : K4664-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-090619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.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\BP090819\
Data File : BP000120.D
Acq On : 09 Sep 2019 04:00
Operator : HP/JU
Sample : K4664-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-090619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

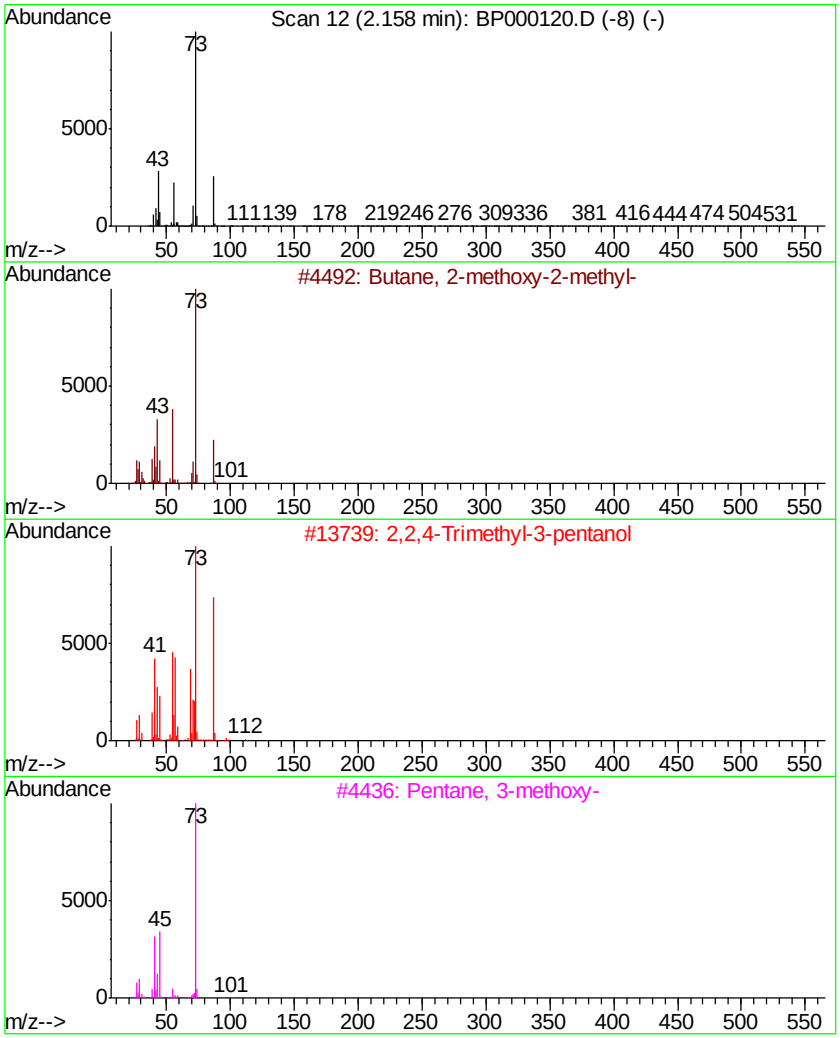
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

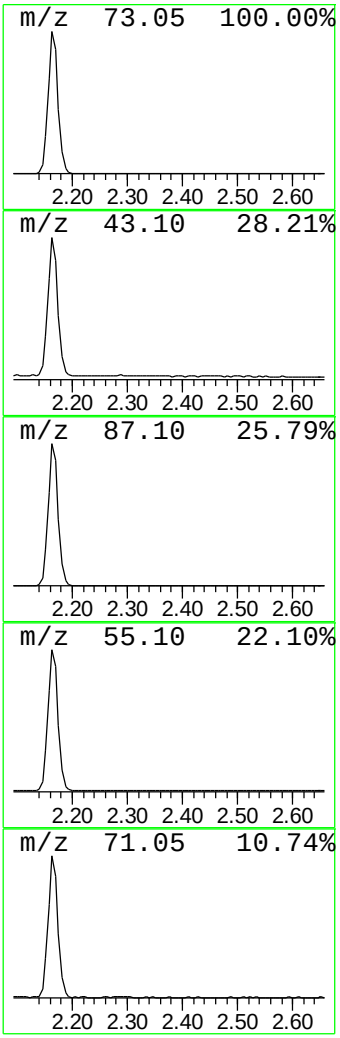
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	10.47 ng	1333070	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000120.D
Acq On : 09 Sep 2019 04:00
Operator : HP/JU
Sample : K4664-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-090619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

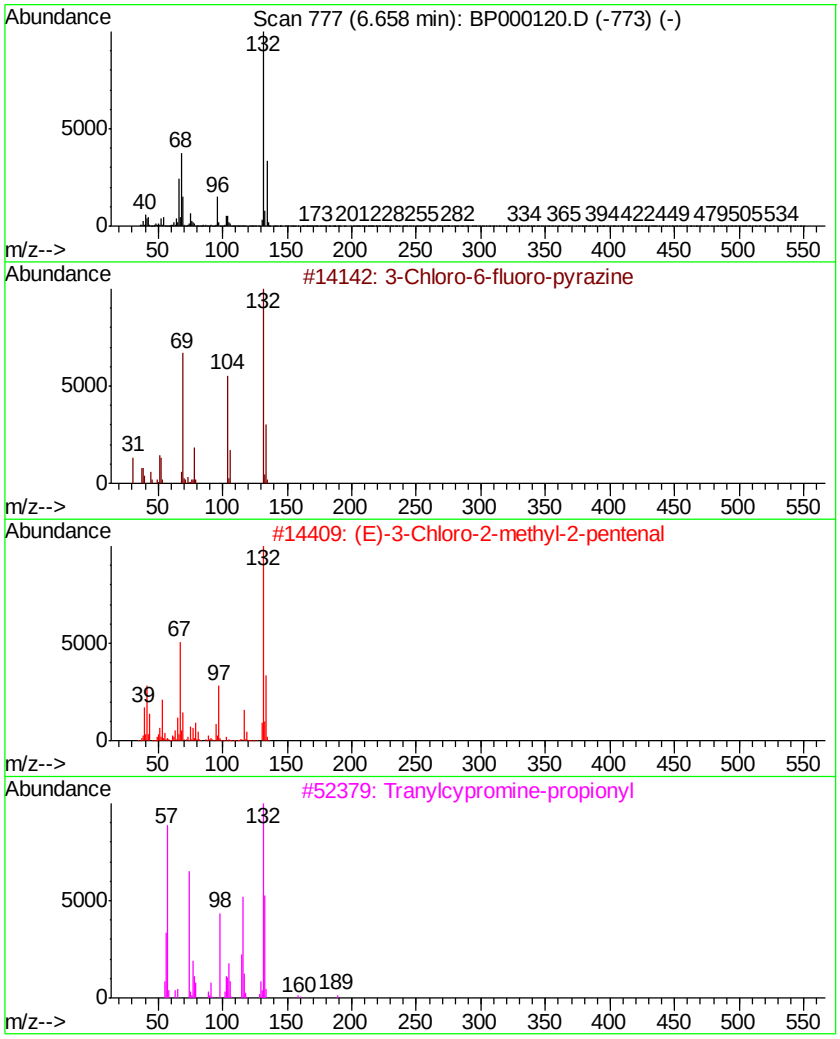
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

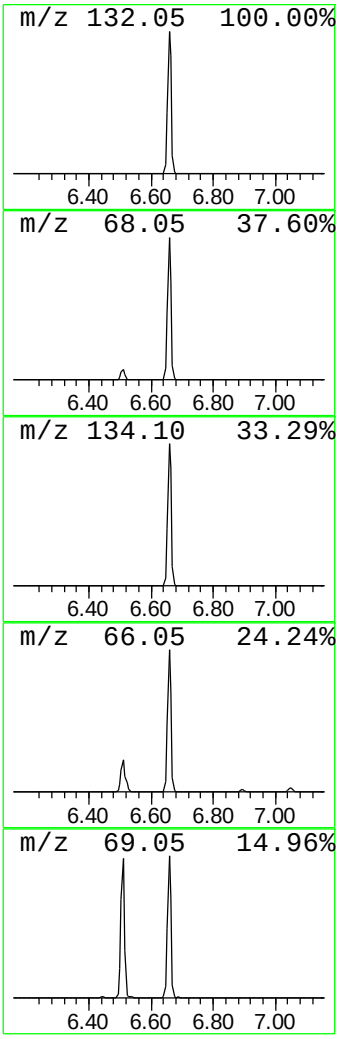
****

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	40.30 ng	5130750	1,4-Dichlorobenzene-d4	6.89

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000120.D
Acq On : 09 Sep 2019 04:00
Operator : HP/JU
Sample : K4664-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-090619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

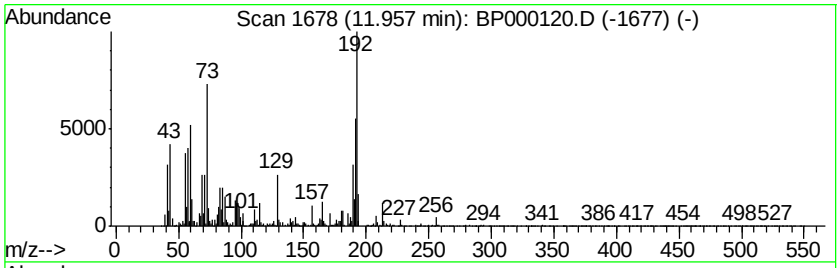
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

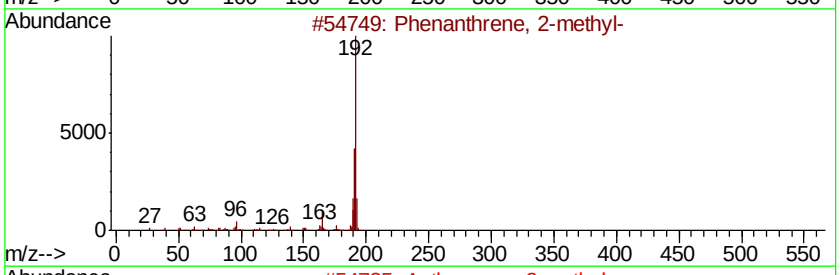
****

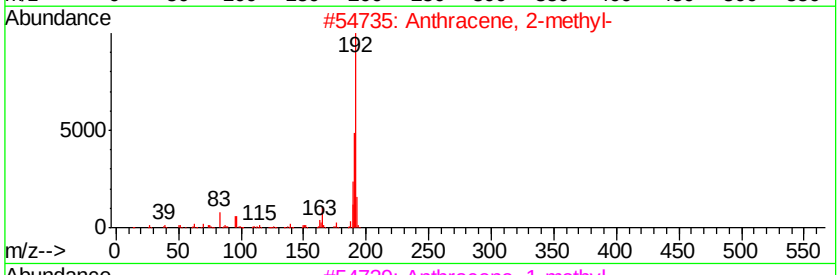
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 7

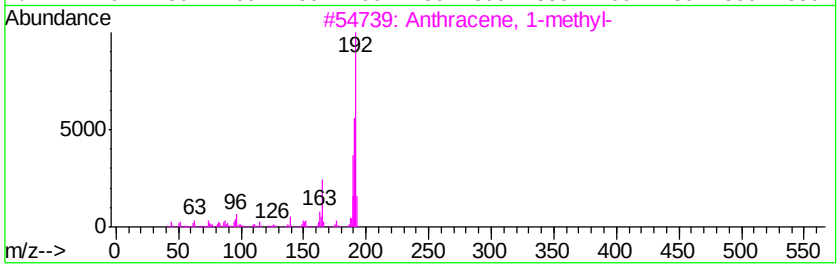
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.64 ng	561195	Phenanthrene-d10	11.43

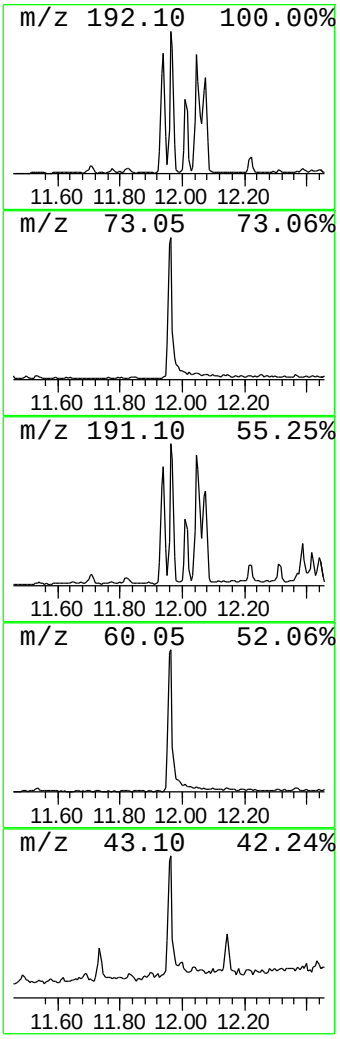
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000120.D
Acq On : 09 Sep 2019 04:00
Operator : HP/JU
Sample : K4664-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-090619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

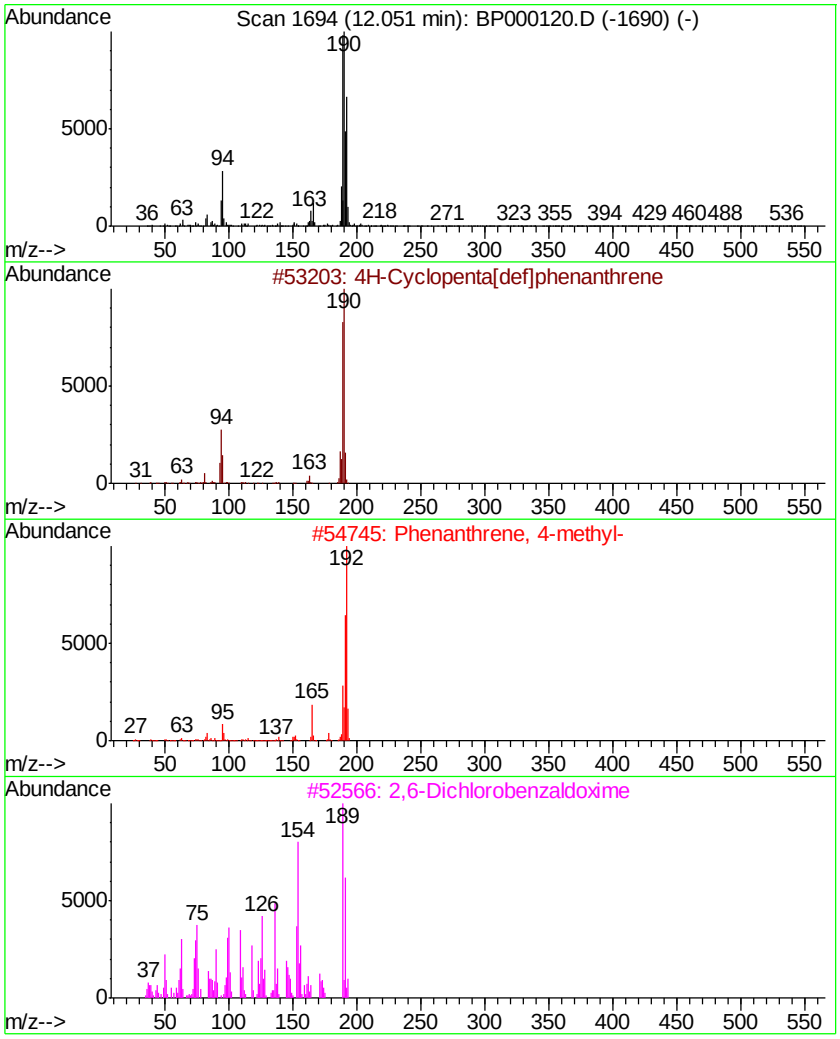
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

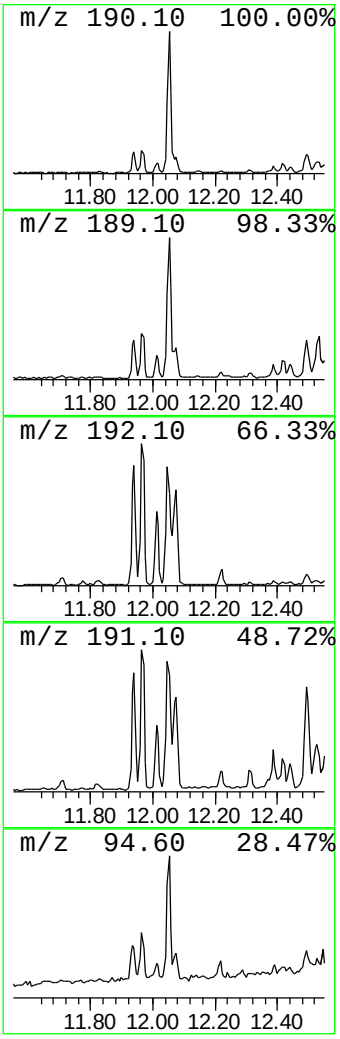
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	2.83 ng	600505	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
3	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	25





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Data File : BP000120.D
Acq On : 09 Sep 2019 04:00
Operator : HP/JU
Sample : K4664-01 2X
Misc :
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Instrument : BNA_P
ClientSampleId : OR-03-090619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

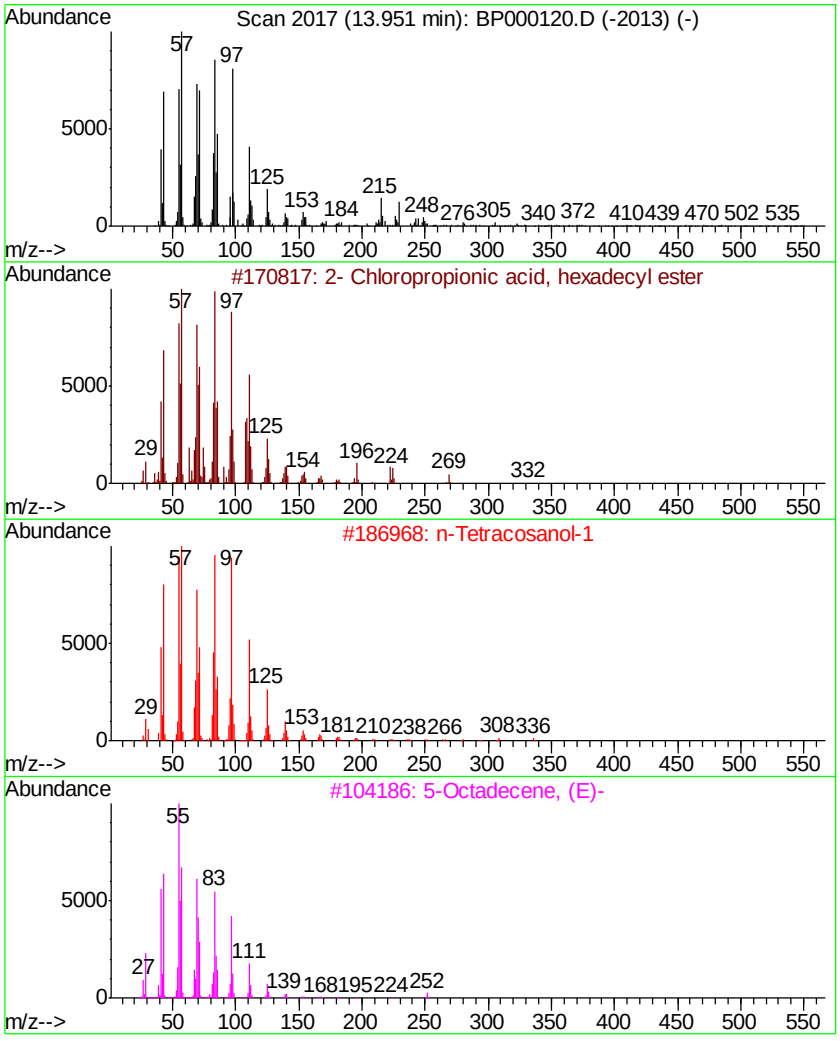
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

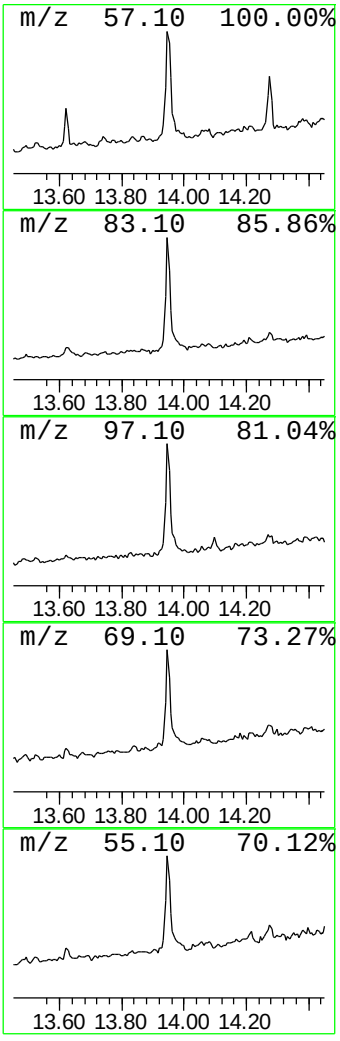
****

Peak Number 6 2- Chloropropionic acid, he... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	2.96 ng	861218	Chrysene-d12	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	Behenic alcohol	326	C22H46O	000661-19-8	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000120.D
Acq On : 09 Sep 2019 04:00
Operator : HP/JU
Sample : K4664-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-090619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

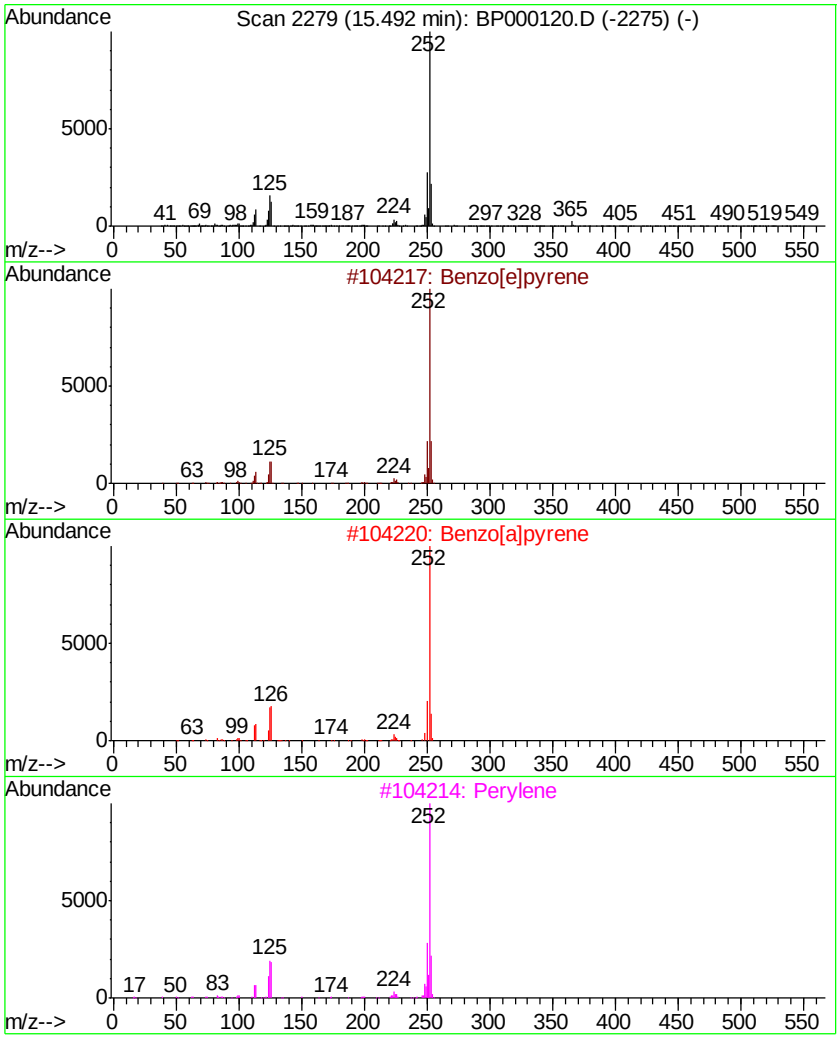
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

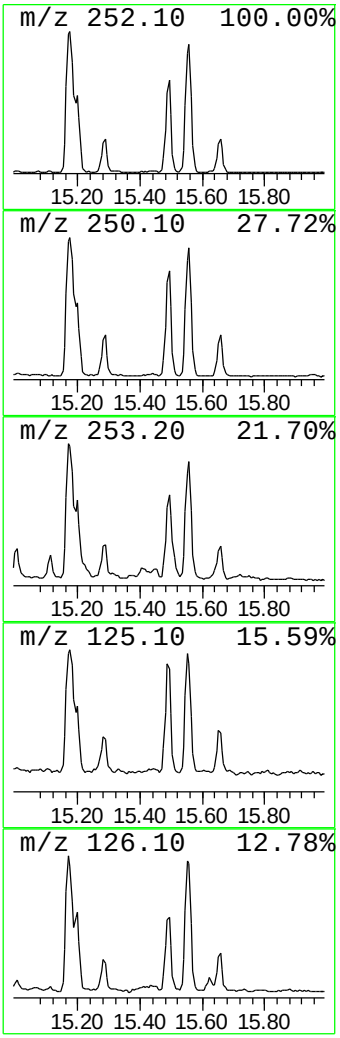
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	5.81 ng	1012070	Perylene-d12	15.63

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	Perylene	252	C20H12	000198-55-0	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090819\
Data File : BP000120.D
Acq On : 09 Sep 2019 04:00
Operator : HP/JU
Sample : K4664-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-090619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.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
Butane, 2-methoxy...	2.16	10.5	ng	1333070	1	6.89	2546400	20.0
unknown6.66	6.66	40.3	ng	5130750	1	6.89	2546400	20.0
Phenanthrene, 2-m...	11.96	2.6	ng	561195	4	11.43	4248250	20.0
4H-Cyclopenta[def...	12.05	2.8	ng	600505	4	11.43	4248250	20.0
2- Chloropropioni...	13.95	3.0	ng	861218	5	14.10	5826660	20.0
Benzo[e]pyrene	15.49	5.8	ng	1012070	6	15.63	3481920	20.0