LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
Data File : BF130030.D
Acq On : 26 Aug 2022 21:29
Operator : CG\JU
Sample : N4378-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-082522

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_F\Methods\8270-BF081422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130030.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.710	236	242	248	rBV2	5487	9199	1.25%	0.122%
2	4.969	453	456	464	rBV2	4848	8654	1.17%	0.114%
3	5.398	526	529	548	rBV	150128	225127	30.53%	2.976%
4	6.422	700	703	725	rBV	163250	237662	32.23%	3.142%
5	6.745	755	758	766	rBV	713886	584060	79.20%	7.721%
6	7.322	853	856	866	rBV	124810	141461	19.18%	1.870%
7	8.028	973	976	988	rVB	874557	737443	100.00%	9.748%
8	9.098	1155	1158	1162	rBV	308374	261243	35.43%	3.453%
9	9.645	1248	1251	1255	rBV	60753	51904	7.04%	0.686%
10	9.780	1271	1274	1278	rBV	854593	684433	92.81%	9.048%
11	9.816	1278	1280	1288	rVB	9524	10155	1.38%	0.134%
12	10.098	1324	1328	1330	rBV2	14130	14711	1.99%	0.194%
13	10.180	1339	1342	1344	rBV3	7390	9358	1.27%	0.124%
14	10.239	1349	1352	1356	rBV	14470	12557	1.70%	0.166%
15	10.345	1366	1370	1374	rVB3	10784	15742	2.13%	0.208%
16	10.580	1405	1410	1419	rBV	111002	105102	14.25%	1.389%
17	10.686	1423	1428	1432	rBV6	9983	18019	2.44%	0.238%
18	10.874	1457	1460	1464	rBV6	7238	10500	1.42%	0.139%
19	11.033	1484	1487	1493	rVB5	6529	10006	1.36%	0.132%
20	11.269	1524	1527	1530	rBV	621733	564743	76.58%	7.466%
21	11.298	1530	1532	1535	rVV	64099	53224	7.22%	0.704%
22	11.351	1538	1541	1544	rBV	43779	39185	5.31%	0.518%
23	11.545	1571	1574	1579	rVB5	16026	21037	2.85%	0.278%
24	11.604	1579	1584	1589	rBV4	11309	18041	2.45%	0.238%
25	11.651	1589	1592	1595	rBV5	9031	8949	1.21%	0.118%
26	11.774	1610	1613	1615	rBV	33715	30629	4.15%	0.405%
27	11.804	1615	1618	1622	rVV	44731	39276	5.33%	0.519%
28	11.851	1623	1626	1629	rVV	24526	22544	3.06%	0.298%
29	11.886	1629	1632	1634	rVV2	55404	63043	8.55%	0.833%
30	11.910	1634	1636	1640	rVB	30122	25961	3.52%	0.343%
31	12.004	1650	1652	1656	rVB3	10441	9730	1.32%	0.129%
32	12.068	1659	1663	1667	rVV4	20201	29294	3.97%	0.387%
33	12.116	1667	1671	1674	rVV5	10549	14155	1.92%	0.187%
34	12.180	1677	1682	1683	rBV5	6263	8527	1.16%	0.113%
35	12.251	1691	1694	1696	rVB	14663	11168	1.51%	0.148%
36	12.274	1696	1698	1701	rVB2	15889	12433	1.69%	0.164%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
Data File : BF130030.D
Acq On : 26 Aug 2022 21:29
Operator : CG\JU
Sample : N4378-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-082522

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_F\Methods\8270-BF081422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.321	1703	1706	1709	rBV	62915	70448	9.55%	0.931%
38	12.363	1710	1713	1715	rVV2	25552	29386	3.98%	0.388%
39	12.380	1715	1716	1718	rVB3	17864	11376	1.54%	0.150%
40	12.421	1718	1723	1730	rVB3	35003	68618	9.30%	0.907%
41	12.486	1731	1734	1738	rBV	236613	205853	27.91%	2.721%
42	12.527	1738	1741	1743	rBV3	19556	18815	2.55%	0.249%
43	12.551	1743	1745	1748	rVB2	10256	8460	1.15%	0.112%
44	12.586	1748	1751	1754	rBV	28231	21957	2.98%	0.290%
45	12.639	1757	1760	1762	rBV2	28497	29880	4.05%	0.395%
46	12.663	1762	1764	1767	rVB	19758	14533	1.97%	0.192%
47	12.715	1767	1773	1779	rBV	276017	314129	42.60%	4.153%
48	12.768	1779	1782	1786	rBV	35445	39229	5.32%	0.519%
49	12.821	1789	1791	1793	rBV2	11622	11858	1.61%	0.157%
50	12.851	1793	1796	1799	rBV	266805	219235	29.73%	2.898%
51	12.933	1806	1810	1816	rBV5	37023	72508	9.83%	0.959%
52	12.986	1816	1819	1822	rBV5	18114	19869	2.69%	0.263%
53	13.027	1822	1826	1827	rBV2	43809	51926	7.04%	0.686%
54	13.092	1835	1837	1838	rBV2	16419	15141	2.05%	0.200%
55	13.110	1838	1840	1843	rVV	26281	31175	4.23%	0.412%
56	13.151	1844	1847	1851	rVB2	58099	62226	8.44%	0.823%
57	13.245	1860	1863	1865	rBV	57305	45765	6.21%	0.605%
58	13.274	1865	1868	1871	rVB	51391	43204	5.86%	0.571%
59	13.568	1915	1918	1920	rVB2	28909	31635	4.29%	0.418%
60	13.615	1924	1926	1930	rVB2	21147	19144	2.60%	0.253%
61	13.651	1930	1932	1934	rBV	22564	23307	3.16%	0.308%
62	13.674	1934	1936	1938	rVV2	43196	43126	5.85%	0.570%
63	13.721	1942	1944	1951	rVV4	26334	56072	7.60%	0.741%
64	13.780	1951	1954	1960	rVB3	30949	51153	6.94%	0.676%
65	13.921	1973	1978	1981	rBV2	607966	737361	99.99%	9.747%
66	13.945	1981	1982	1986	rVB	146200	95888	13.00%	1.268%
67	14.004	1989	1992	1994	rBV2	82345	77531	10.51%	1.025%
68	14.080	2003	2005	2009	rBV4	29136	33518	4.55%	0.443%
69	14.310	2039	2044	2047	rBV	60152	80435	10.91%	1.063%
70	14.345	2047	2050	2053	rBV3	29008	40310	5.47%	0.533%
71	14.433	2063	2065	2067	rBV2	37401	35724	4.84%	0.472%
72	14.951	2150	2153	2155	rBV	108198	125865	17.07%	1.664%
73	15.245	2200	2203	2207	rBV	76715	88104	11.95%	1.165%
74	15.309	2211	2214	2220	rBV	97128	148201	20.10%	1.959%
75	15.368	2220	2224	2228	rBV	295403	352459	47.79%	4.659%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
Data File : BF130030.D
Acq On : 26 Aug 2022 21:29
Operator : CG\JU
Sample : N4378-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-082522

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_F\Methods\8270-BF081422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

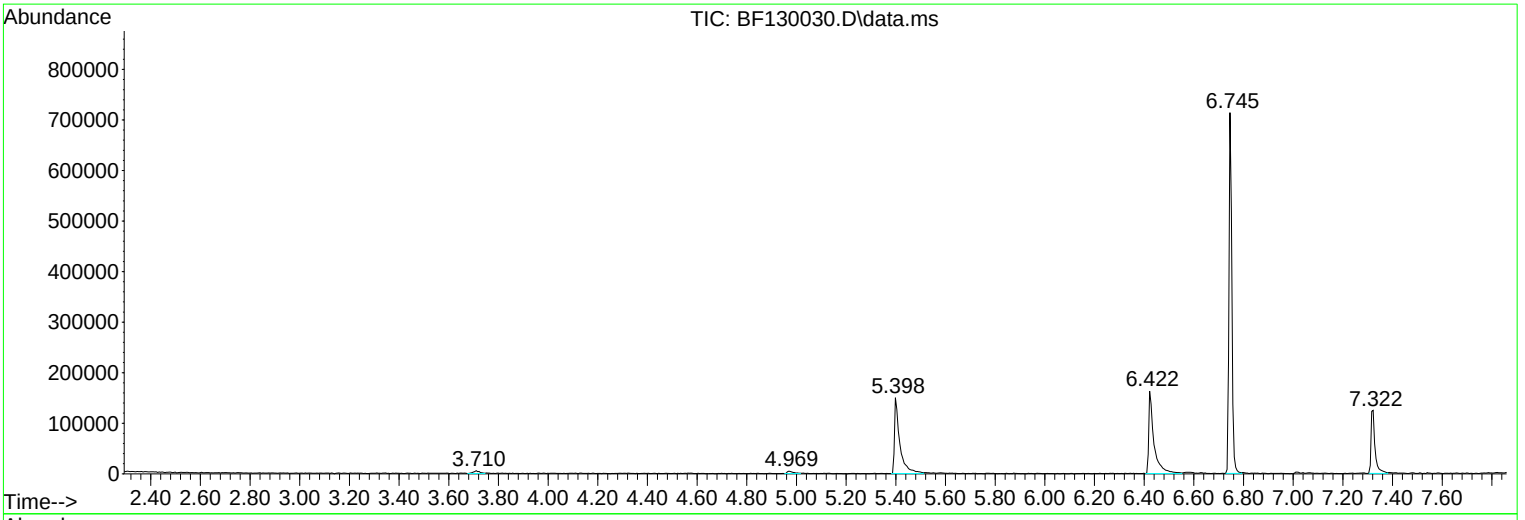
Sum of corrected areas: 7564699

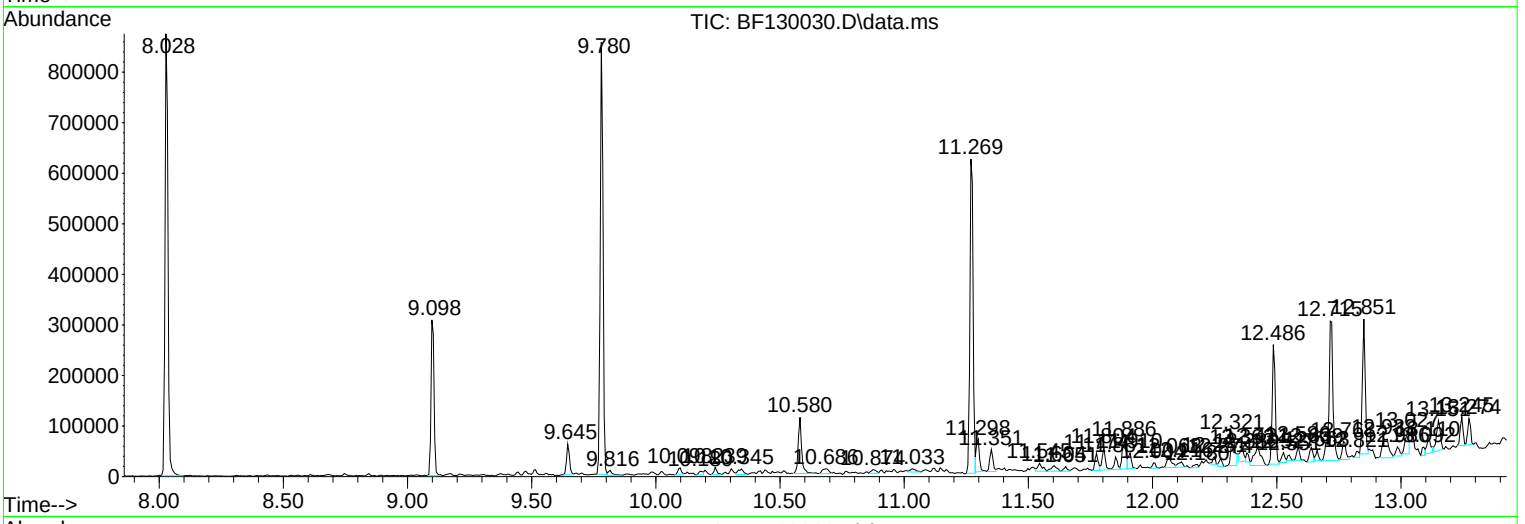
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
Data File : BF130030.D
Acq On : 26 Aug 2022 21:29
Operator : CG\JU
Sample : N4378-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

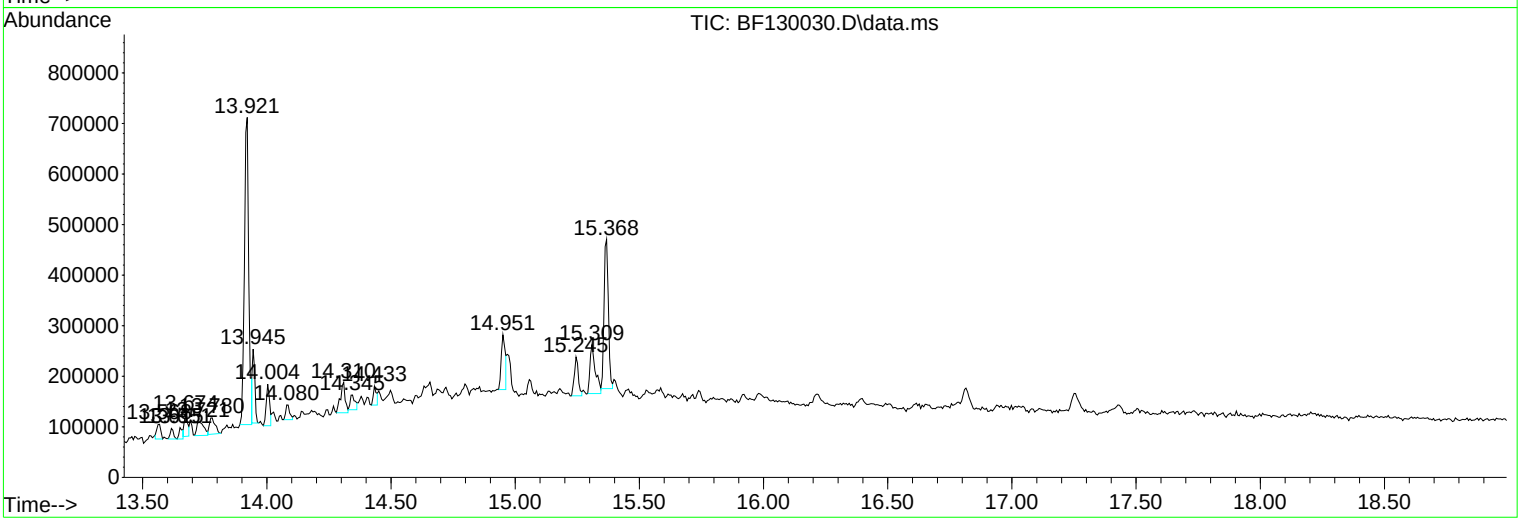
Instrument :
BNA_F
ClientSampleId :
CL-01-082522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
Data File : BF130030.D
Acq On : 26 Aug 2022 21:29
Operator : CG\JU
Sample : N4378-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-082522

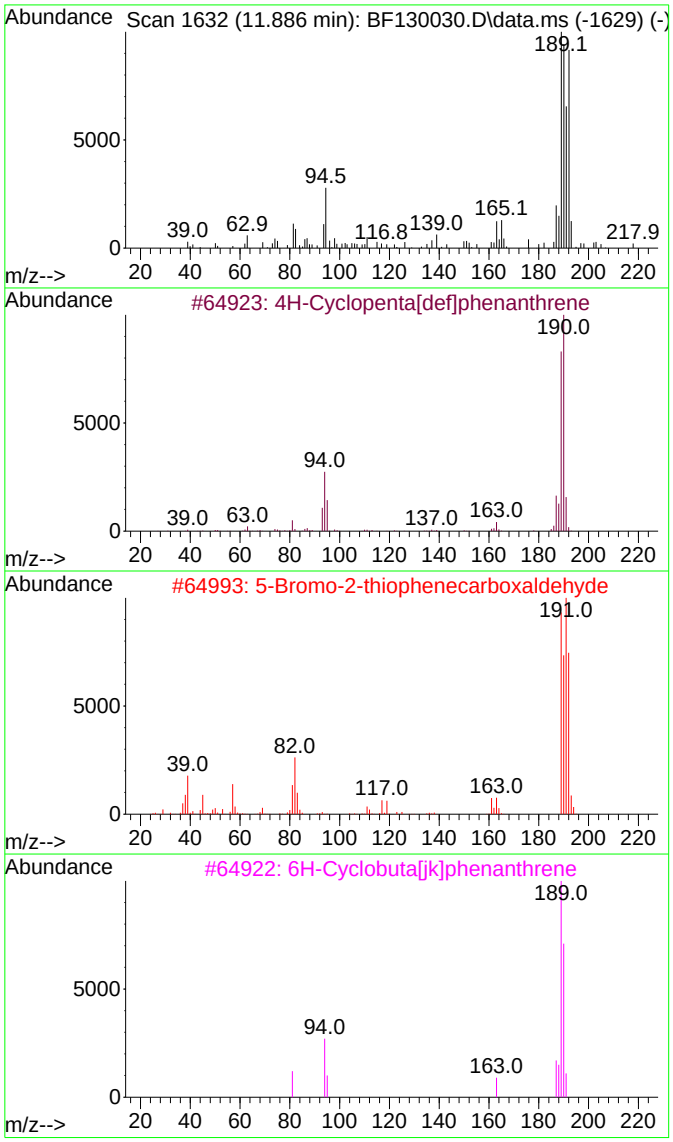
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

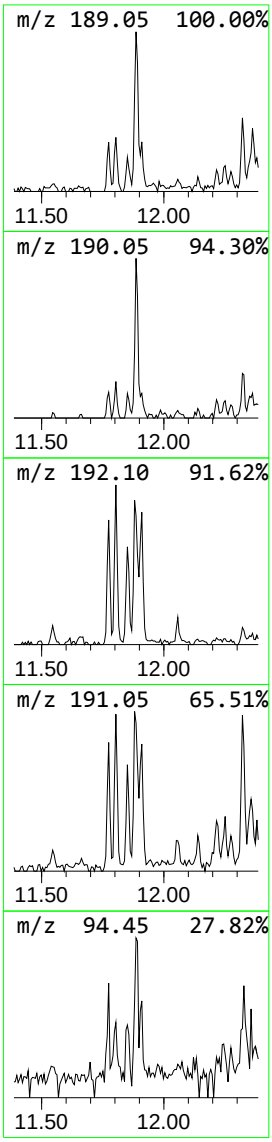
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	2.23 ng	63043	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	58
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	3-Bromo-5-fluoro-2-pyridinylamine	190	C5H4BrFN2	869557-43-7	43
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
Data File : BF130030.D
Acq On : 26 Aug 2022 21:29
Operator : CG\JU
Sample : N4378-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-082522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

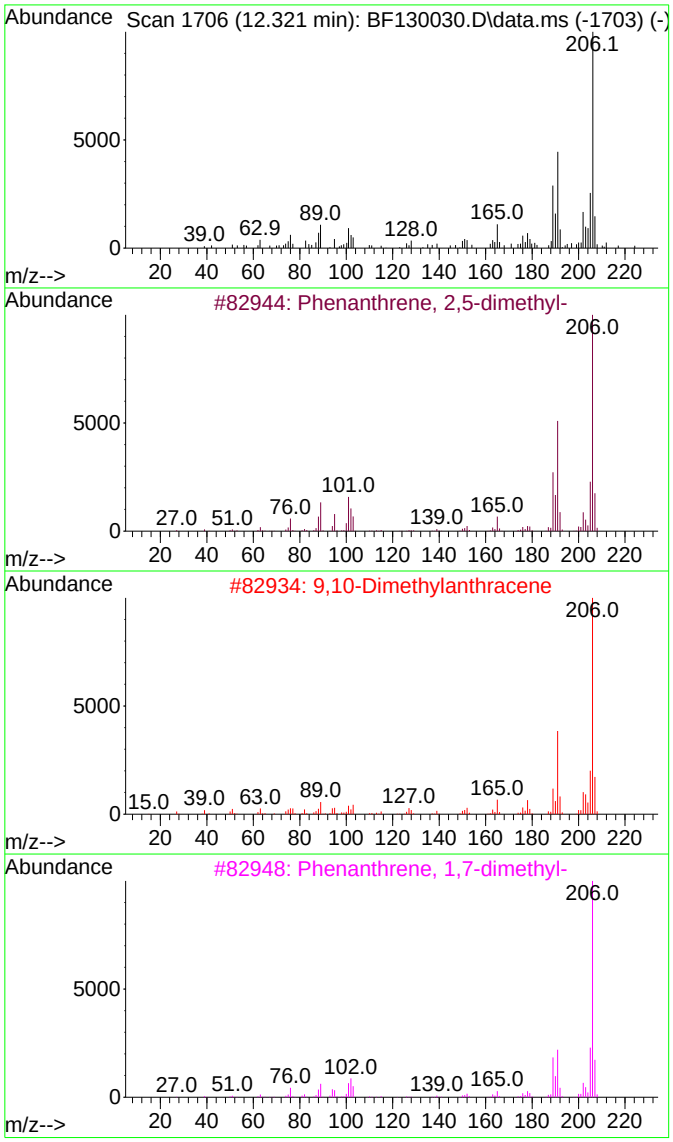
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

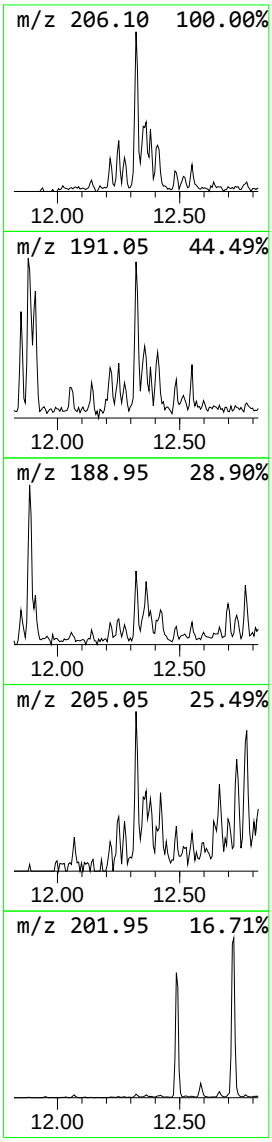
****

Peak Number 2 Phenanthrene, 2,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.321	2.49 ng	70448	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
Data File : BF130030.D
Acq On : 26 Aug 2022 21:29
Operator : CG\JU
Sample : N4378-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-082522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

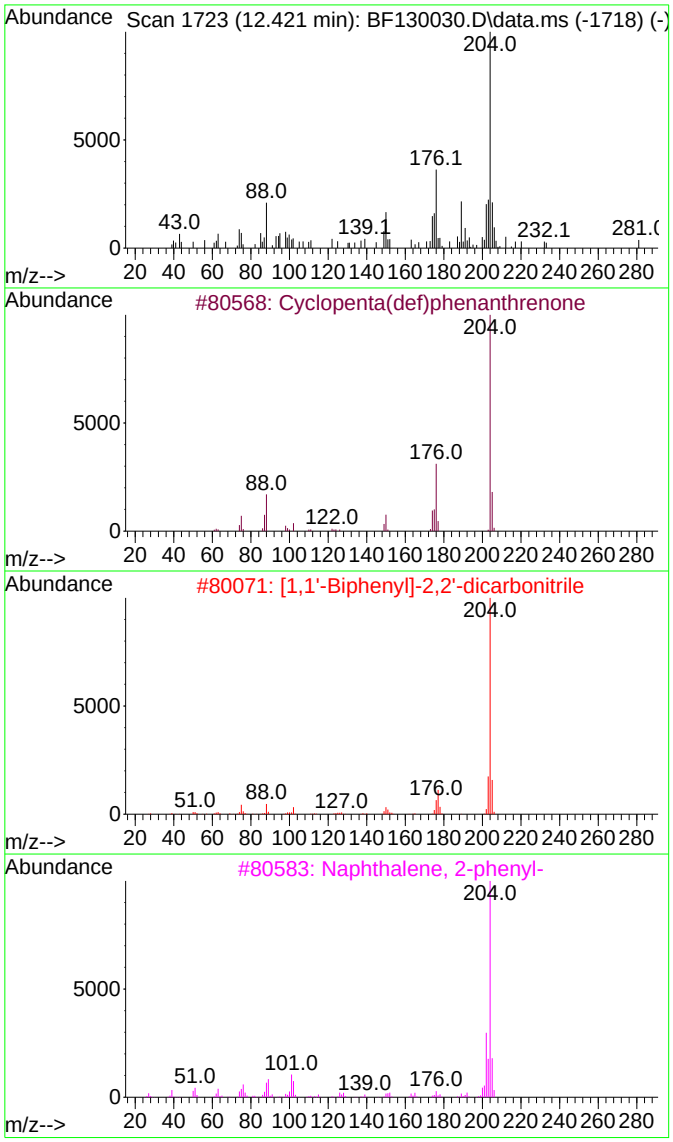
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

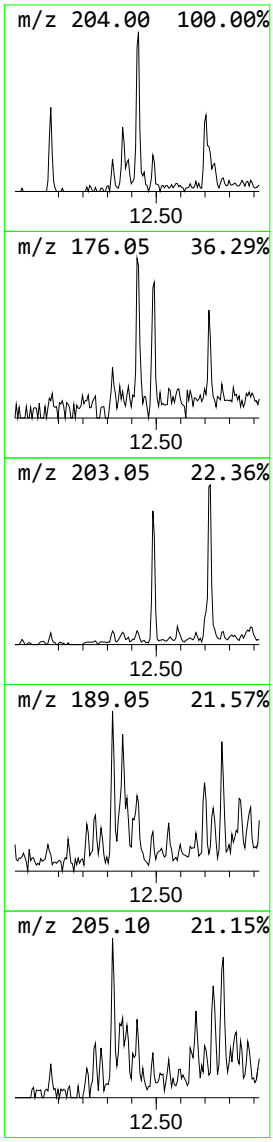
****

Peak Number 3 Cyclopenta(def)phenanthrenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.421	2.43 ng	68618	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	58
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	47
4	Pyridine-3-carbonitrile, 5-allyl...	204	C11H12N2S	186337-14-4	47
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
Data File : BF130030.D
Acq On : 26 Aug 2022 21:29
Operator : CG\JU
Sample : N4378-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-082522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

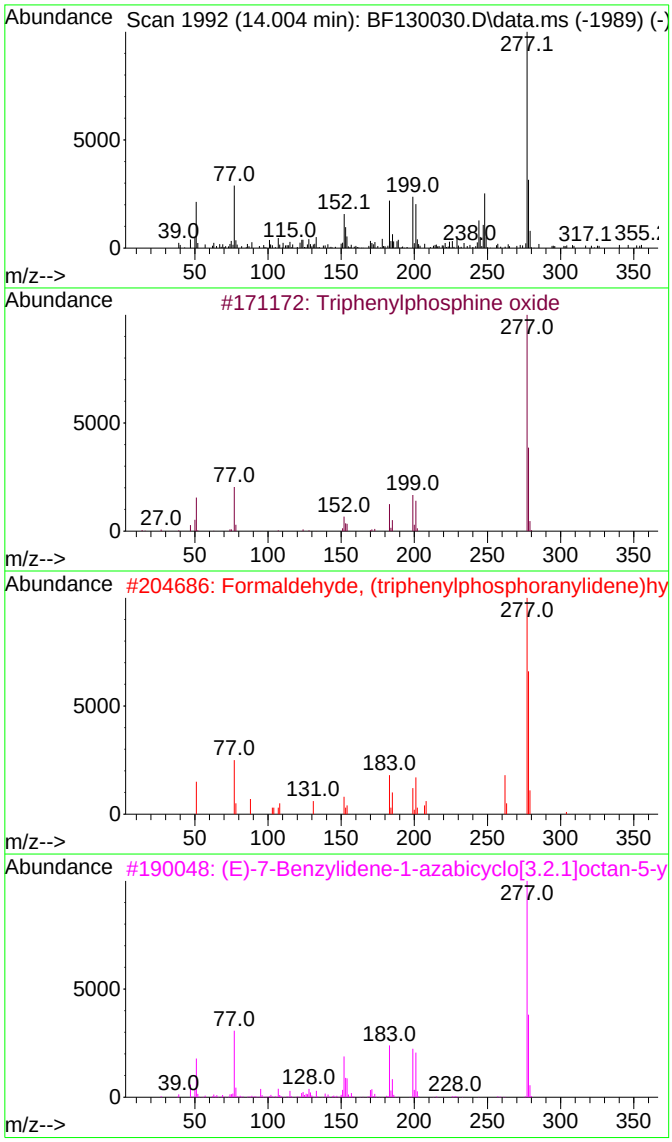
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

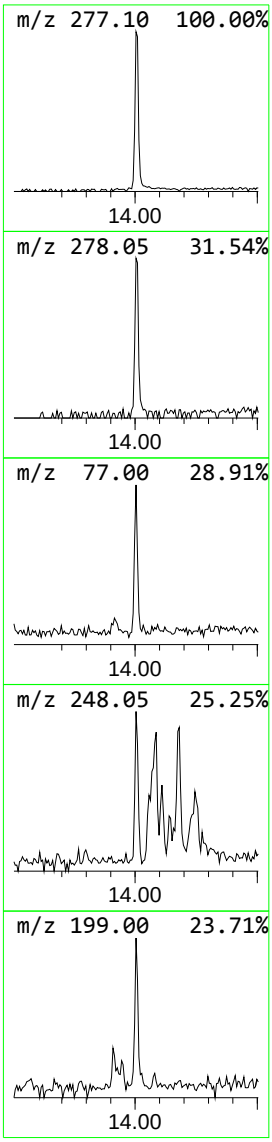
****

Peak Number 4 Triphenylphosphine oxide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.004	2.10 ng	77531	Chrysene-d12	13.921

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	93
2	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	49
3	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	43
4	2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	43
5	Imidazo[4,5-e][1,4]diazepine-5,8...	277	C13H19N5O2	1000142-45-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
Data File : BF130030.D
Acq On : 26 Aug 2022 21:29
Operator : CG\JU
Sample : N4378-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-082522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

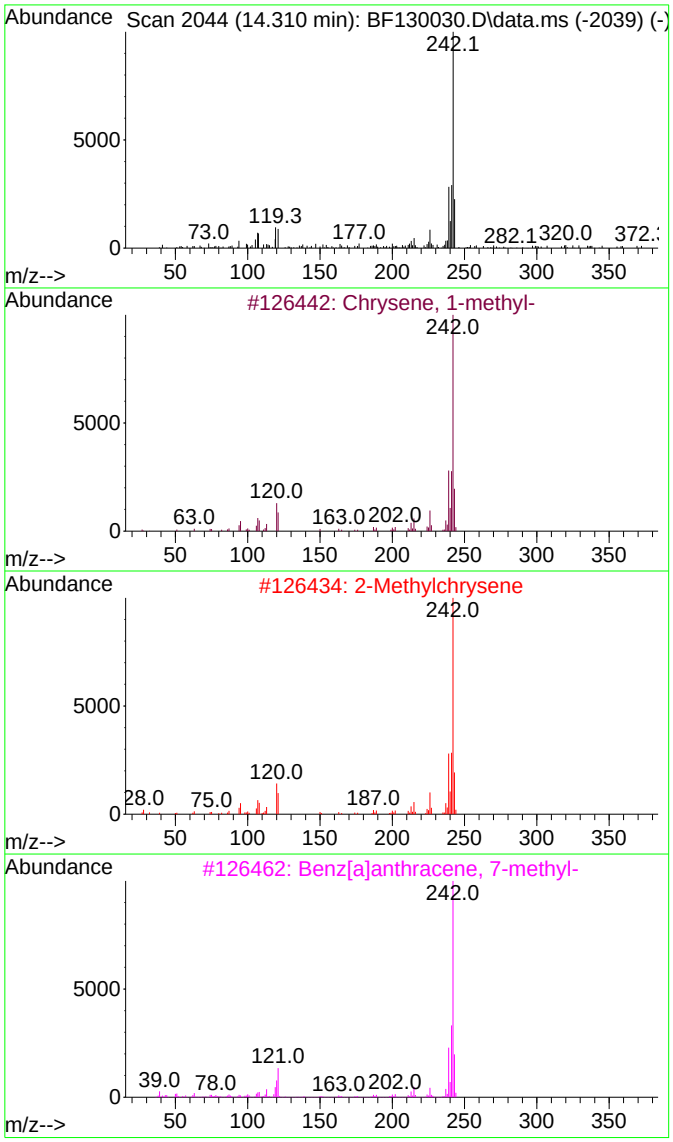
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

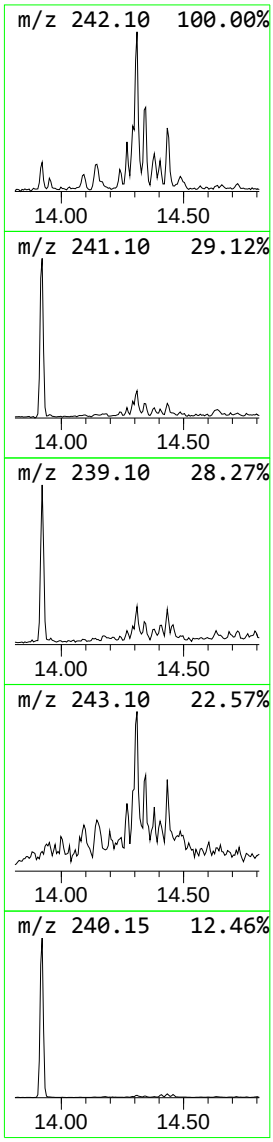
****

Peak Number 5 Chrysene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.310	2.18 ng	80435	Chrysene-d12	13.921

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	96
2	2-Methylchrysene	242	C19H14	003351-32-4	93
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
Data File : BF130030.D
Acq On : 26 Aug 2022 21:29
Operator : CG\JU
Sample : N4378-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-082522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

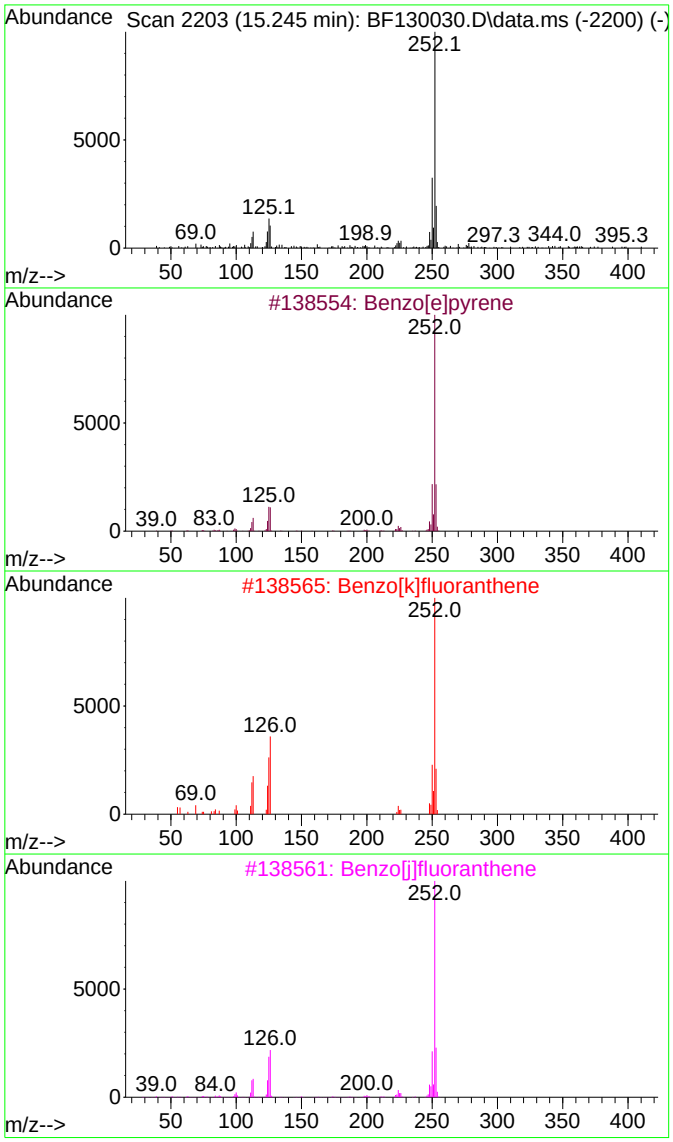
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

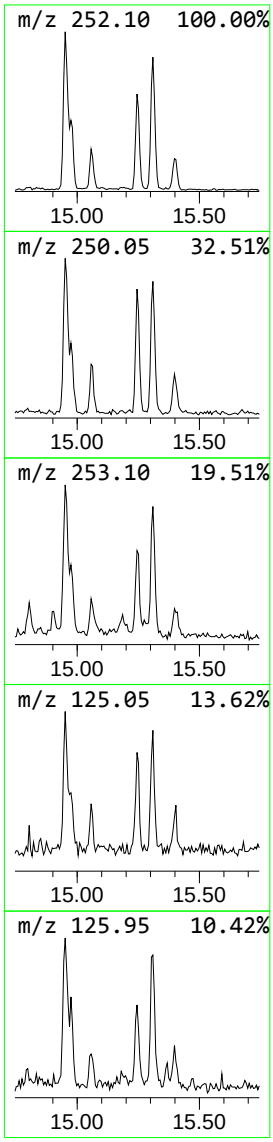
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.245	5.00 ng	88104	Perylene-d12	15.368

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
Data File : BF130030.D
Acq On : 26 Aug 2022 21:29
Operator : CG\JU
Sample : N4378-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-082522

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
4H-Cyclopenta[d...	11.886	2.2	ng	63043	4	11.269	564743	20.0
Phenanthrene, 2...	12.321	2.5	ng	70448	4	11.269	564743	20.0
Cyclopenta(def)...	12.421	2.4	ng	68618	4	11.269	564743	20.0
Triphenylphosph...	14.004	2.1	ng	77531	5	13.921	737361	20.0
Chrysene, 1-met...	14.310	2.2	ng	80435	5	13.921	737361	20.0
Benzo[e]pyrene	15.245	5.0	ng	88104	6	15.368	352459	20.0