LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
Data File : BF137993.D
Acq On : 21 May 2024 22:46
Operator : CG\JU
Sample : P2539-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WCS-TPP

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-BF051424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137993.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.151	3	11	15	rVB2	29027	51127	3.07%	0.284%
2	2.351	39	45	51	rVB	349463	445341	26.73%	2.474%
3	5.263	536	540	547	rVB	20754	22834	1.37%	0.127%
4	5.645	601	605	609	rBV	1282956	1244704	74.70%	6.914%
5	6.639	770	774	777	rBV	1398063	1248398	74.92%	6.935%
6	7.033	837	841	844	rBV	1135387	871022	52.27%	4.838%
7	7.592	932	936	939	rBV	953865	795373	47.73%	4.418%
8	8.316	1055	1059	1062	rBV	1497545	1142769	68.58%	6.348%
9	8.622	1108	1111	1115	rBV	18451	20811	1.25%	0.116%
10	9.127	1193	1197	1200	rBV	29879	28483	1.71%	0.158%
11	9.392	1238	1242	1245	rBV	2124553	1666351	100.00%	9.256%
12	9.457	1250	1253	1257	rBV	36702	34751	2.09%	0.193%
13	9.651	1283	1286	1292	rBV2	41034	61850	3.71%	0.344%
14	9.733	1296	1300	1302	rBV	66824	64370	3.86%	0.358%
15	9.757	1302	1304	1306	rBV	42451	30487	1.83%	0.169%
16	9.851	1316	1320	1322	rBV2	40147	42448	2.55%	0.236%
17	9.939	1328	1335	1340	rBV2	76701	80119	4.81%	0.445%
18	9.992	1340	1344	1348	rVB	102069	83250	5.00%	0.462%
19	10.080	1355	1359	1362	rBV	1488582	1168587	70.13%	6.491%
20	10.110	1362	1364	1367	rVB	131052	98144	5.89%	0.545%
21	10.163	1369	1373	1380	rVB4	32723	66116	3.97%	0.367%
22	10.233	1380	1385	1386	rBV3	20131	30922	1.86%	0.172%
23	10.280	1390	1393	1396	rVB2	77387	74399	4.46%	0.413%
24	10.316	1396	1399	1403	rBV3	49905	44670	2.68%	0.248%
25	10.392	1408	1412	1414	rBV2	41280	41688	2.50%	0.232%
26	10.421	1414	1417	1423	rVB2	24575	27292	1.64%	0.152%
27	10.492	1423	1429	1433	rBV2	150239	142826	8.57%	0.793%
28	10.627	1449	1452	1459	rVB	104655	89573	5.38%	0.498%
29	10.710	1462	1466	1469	rVB3	66403	75681	4.54%	0.420%
30	10.786	1477	1479	1482	rVB3	27511	27718	1.66%	0.154%
31	10.869	1489	1493	1497	rBV	910616	765811	45.96%	4.254%
32	10.969	1507	1510	1519	rVB2	142567	227365	13.64%	1.263%
33	11.174	1539	1545	1548	rBV4	28600	48937	2.94%	0.272%
34	11.257	1556	1559	1562	rVB4	27564	32610	1.96%	0.181%
35	11.298	1562	1566	1568	rBV4	21112	35593	2.14%	0.198%
36	11.374	1576	1579	1582	rVB4	19888	20264	1.22%	0.113%

LSC Area Percent Report

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Operator : CG\JU
Sample : P2539-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WCS-TPP

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-BF051424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.416	1583	1586	1589	rVV	145915	118483	7.11%	0.658%
38	11.445	1589	1591	1593	rVV2	59496	54819	3.29%	0.305%
39	11.468	1593	1595	1599	rVB	44426	39948	2.40%	0.222%
40	11.574	1609	1613	1615	rBV	1141552	975580	58.55%	5.419%
41	11.598	1615	1617	1620	rVV	349263	257872	15.48%	1.432%
42	11.645	1623	1625	1628	rVV	71049	59391	3.56%	0.330%
43	11.798	1648	1651	1653	rBV2	25230	26645	1.60%	0.148%
44	11.845	1656	1659	1661	rVV	114903	91661	5.50%	0.509%
45	11.904	1665	1669	1673	rVV2	18821	21999	1.32%	0.122%
46	12.074	1695	1698	1701	rBV	132524	136409	8.19%	0.758%
47	12.104	1701	1703	1706	rVB	64446	50379	3.02%	0.280%
48	12.151	1708	1711	1714	rBV	23430	25315	1.52%	0.141%
49	12.192	1714	1718	1720	rBV2	72765	81019	4.86%	0.450%
50	12.251	1725	1728	1731	rBV	85608	75264	4.52%	0.418%
51	12.627	1788	1792	1793	rBV	28939	32228	1.93%	0.179%
52	12.645	1793	1795	1797	rVB	47259	40453	2.43%	0.225%
53	12.715	1804	1807	1810	rBV	34552	41287	2.48%	0.229%
54	12.792	1816	1820	1824	rBV	200982	172281	10.34%	0.957%
55	12.962	1847	1849	1853	rVB4	22414	22975	1.38%	0.128%
56	13.021	1853	1859	1865	rBV	394655	391088	23.47%	2.172%
57	13.157	1879	1882	1886	rBV	1536488	1239379	74.38%	6.885%
58	13.233	1892	1895	1899	rBV2	30807	47652	2.86%	0.265%
59	13.339	1907	1913	1917	rBV	58304	105813	6.35%	0.588%
60	13.374	1917	1919	1921	rVB2	30527	24290	1.46%	0.135%
61	13.457	1929	1933	1937	rBV	85808	94978	5.70%	0.528%
62	13.551	1946	1949	1951	rBV	94301	86111	5.17%	0.478%
63	13.580	1951	1954	1957	rVV	51560	47990	2.88%	0.267%
64	13.633	1960	1963	1965	rVB	88566	84951	5.10%	0.472%
65	13.721	1975	1978	1981	rBV2	28840	29221	1.75%	0.162%
66	13.857	1999	2001	2006	rVB	41021	45455	2.73%	0.252%
67	13.957	2016	2018	2020	rBV	24347	22213	1.33%	0.123%
68	14.027	2027	2030	2032	rBV	49261	57719	3.46%	0.321%
69	14.227	2059	2064	2067	rBV	982747	1065735	63.96%	5.920%
70	14.739	2149	2151	2154	rBV2	34700	31817	1.91%	0.177%
71	15.315	2245	2249	2253	rBV2	182665	292510	17.55%	1.625%
72	15.433	2267	2269	2273	rVB	35582	32746	1.97%	0.182%
73	15.651	2302	2306	2312	rVB	122143	154726	9.29%	0.859%
74	15.715	2314	2317	2324	rVB	139054	179897	10.80%	0.999%
75	15.786	2325	2329	2334	rBV	450707	581155	34.88%	3.228%
76	17.403	2600	2604	2613	rVB2	51076	109959	6.60%	0.611%

LSC Area Percent Report

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Data File : BF137993.D
Acq On : 21 May 2024 22:46
Operator : CG\JU
Sample : P2539-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPP

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-BF051424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

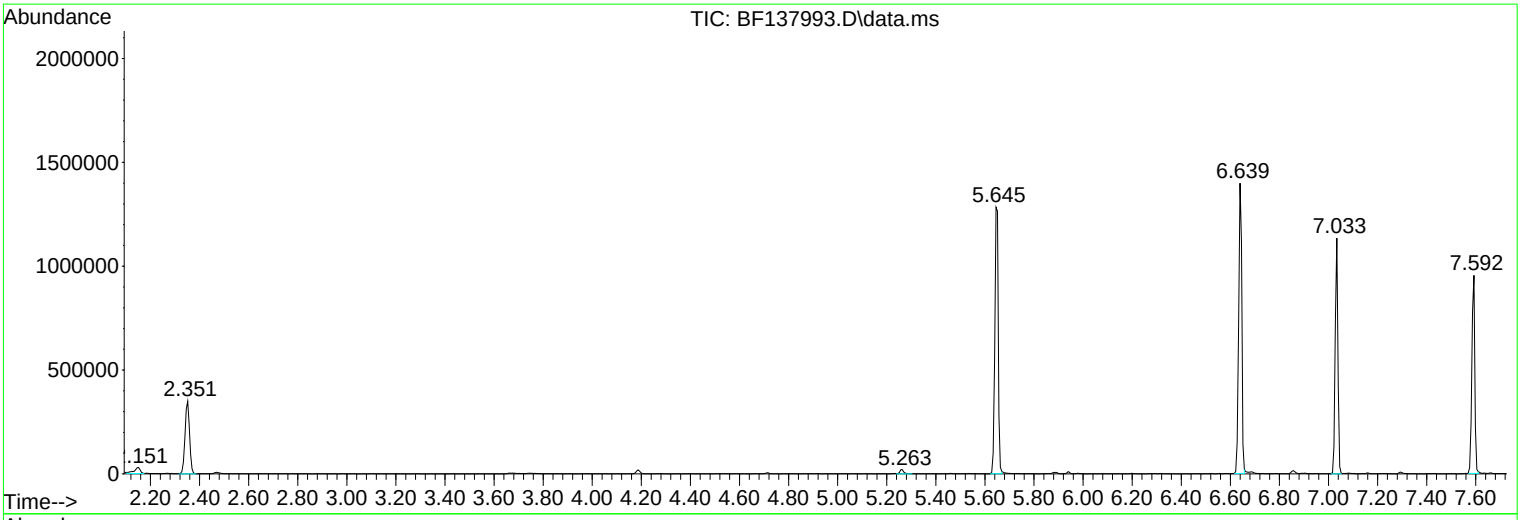
Sum of corrected areas: 18002097

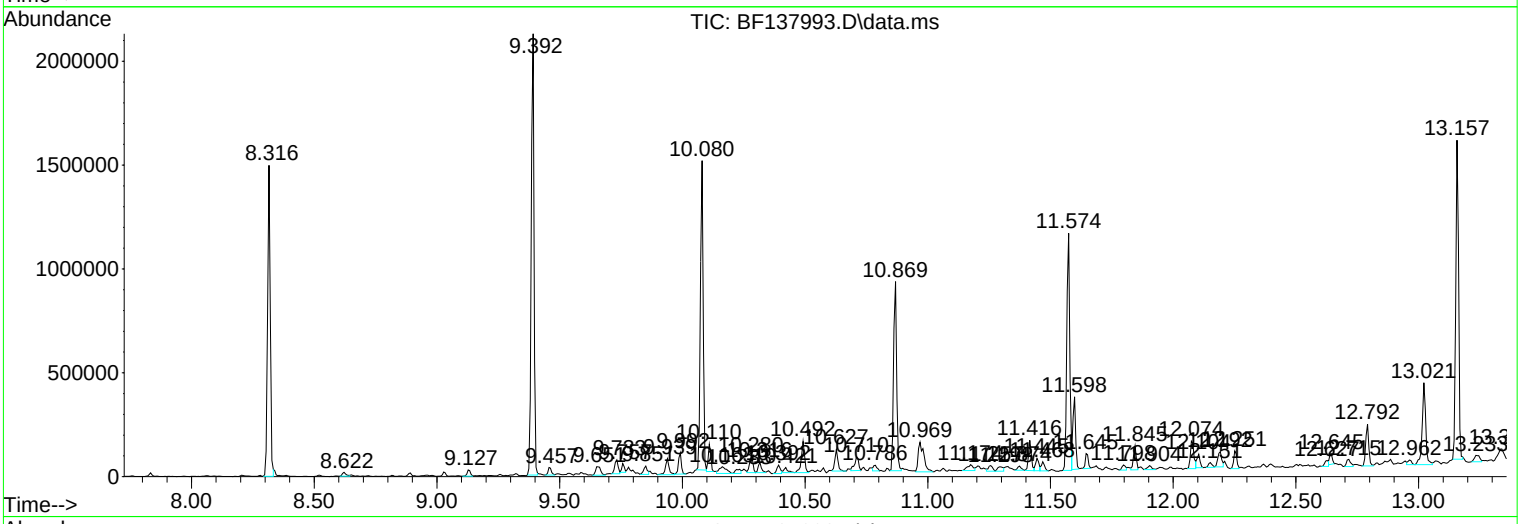
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
Data File : BF137993.D
Acq On : 21 May 2024 22:46
Operator : CG\JU
Sample : P2539-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

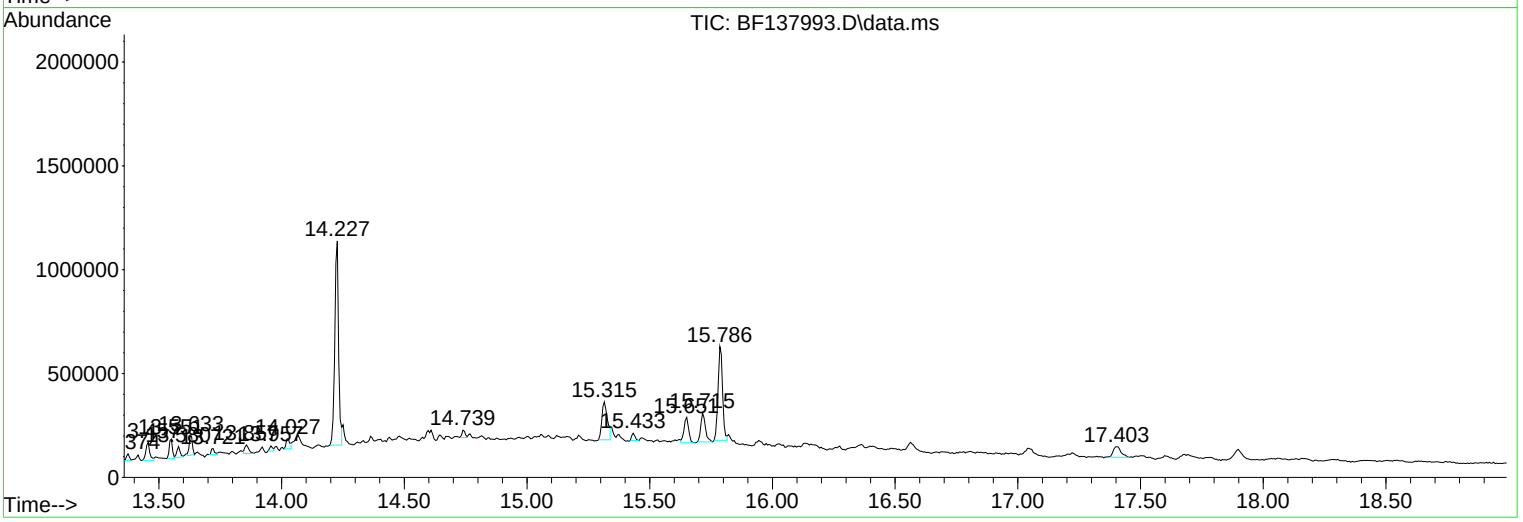
Instrument :
BNA_F
ClientSampleId :
WCS-TPP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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\BF052124\
Data File : BF137993.D
Acq On : 21 May 2024 22:46
Operator : CG\JU
Sample : P2539-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

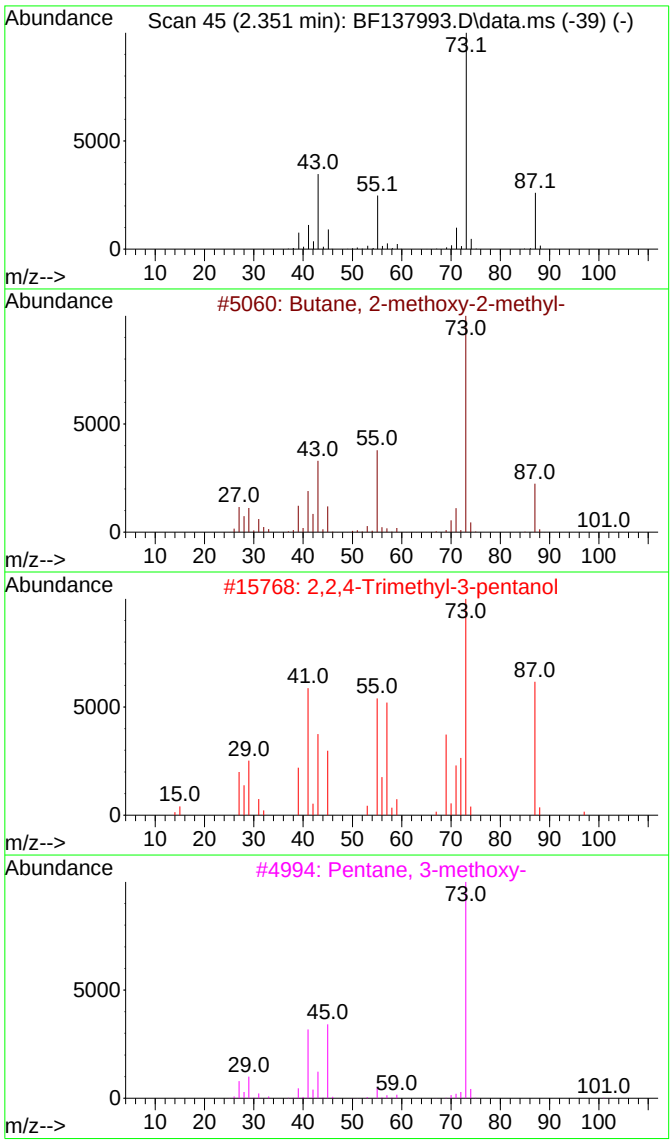
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

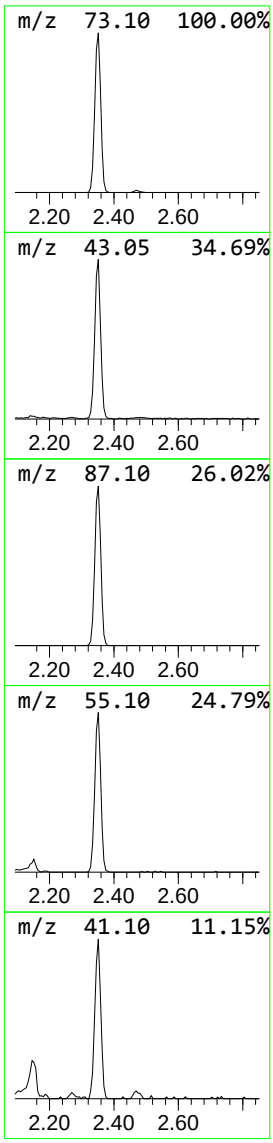
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.351	10.23 ng	445341	1,4-Dichlorobenzene-d4	7.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
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Acq On : 21 May 2024 22:46
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Sample : P2539-05
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Instrument :
BNA_F
ClientSampleId :
WCS-TPP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

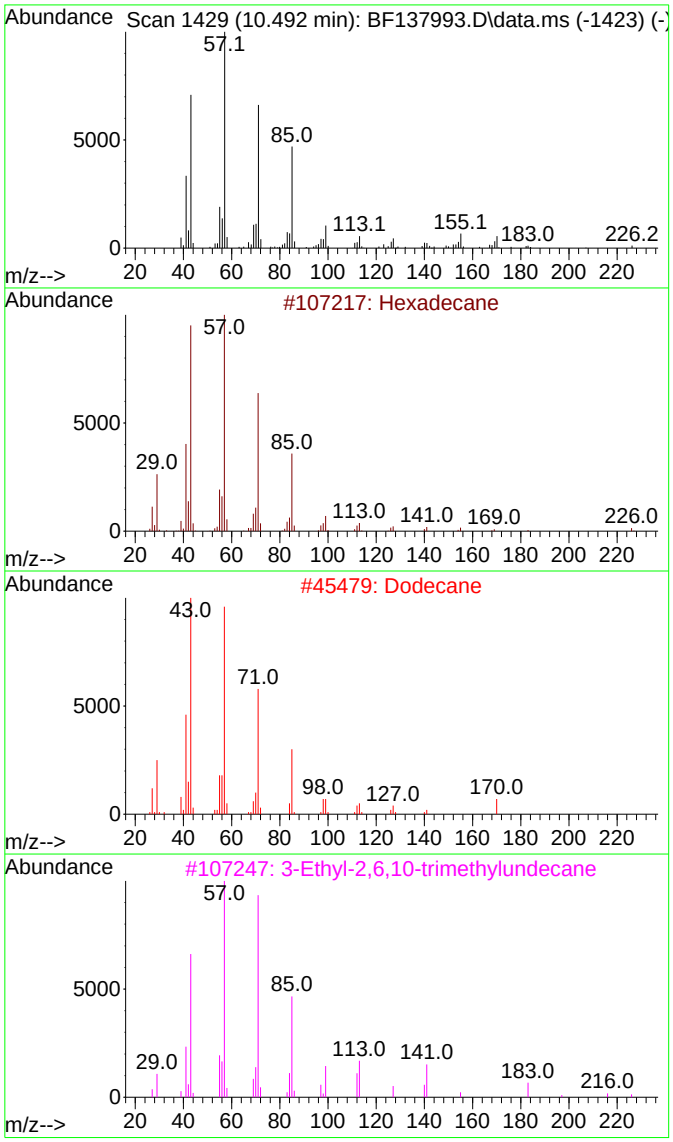
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

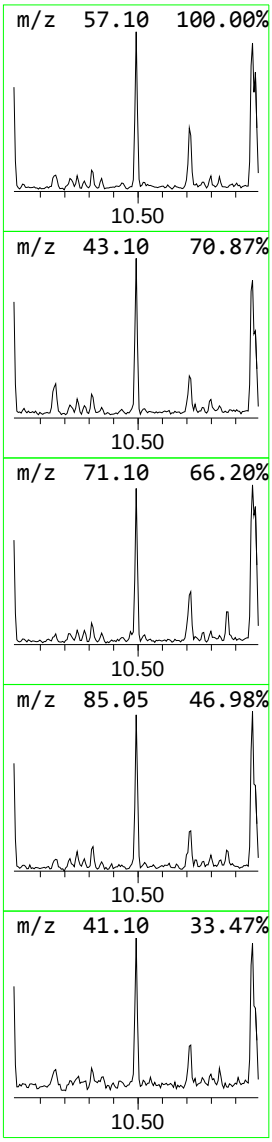
****

Peak Number 2 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.492	2.44 ng	142826	Acenaphthene-d10	10.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Dodecane	170	C12H26	000112-40-3	90
3	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
Data File : BF137993.D
Acq On : 21 May 2024 22:46
Operator : CG\JU
Sample : P2539-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

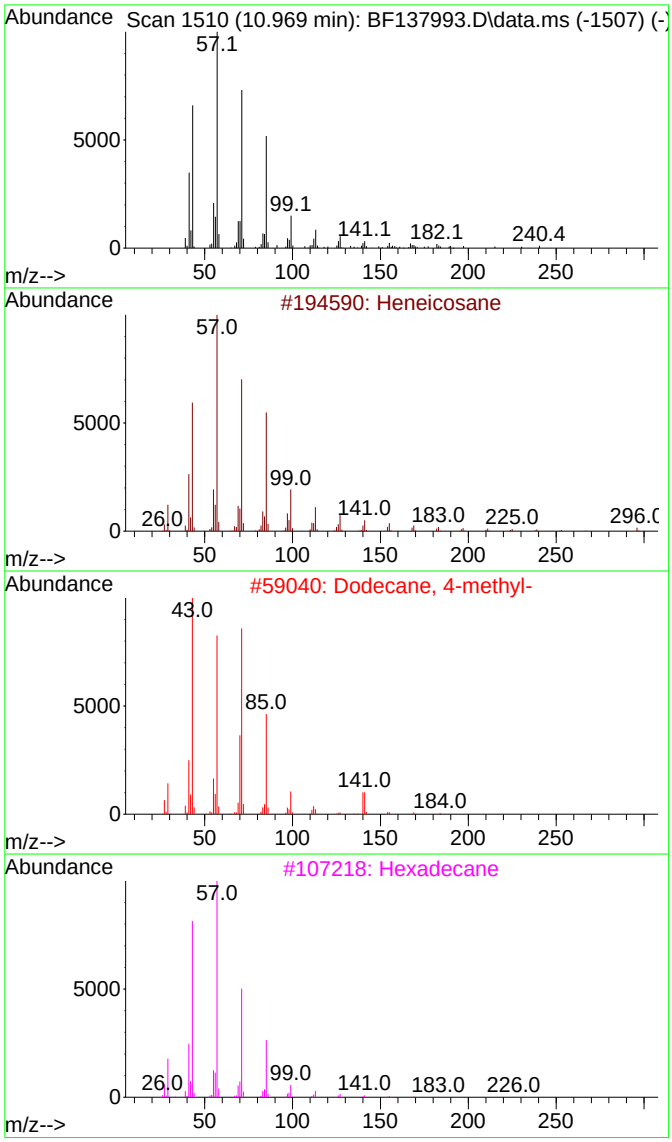
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

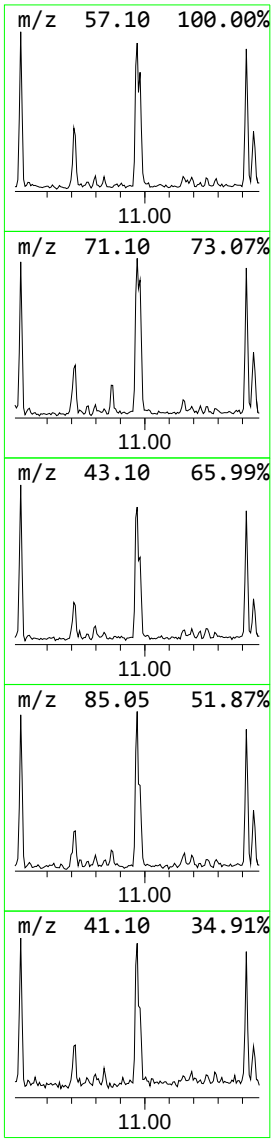
****

Peak Number 3 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.969	4.66 ng	227365	Phenanthrene-d10	11.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Nonadecane	268	C19H40	000629-92-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
Data File : BF137993.D
Acq On : 21 May 2024 22:46
Operator : CG\JU
Sample : P2539-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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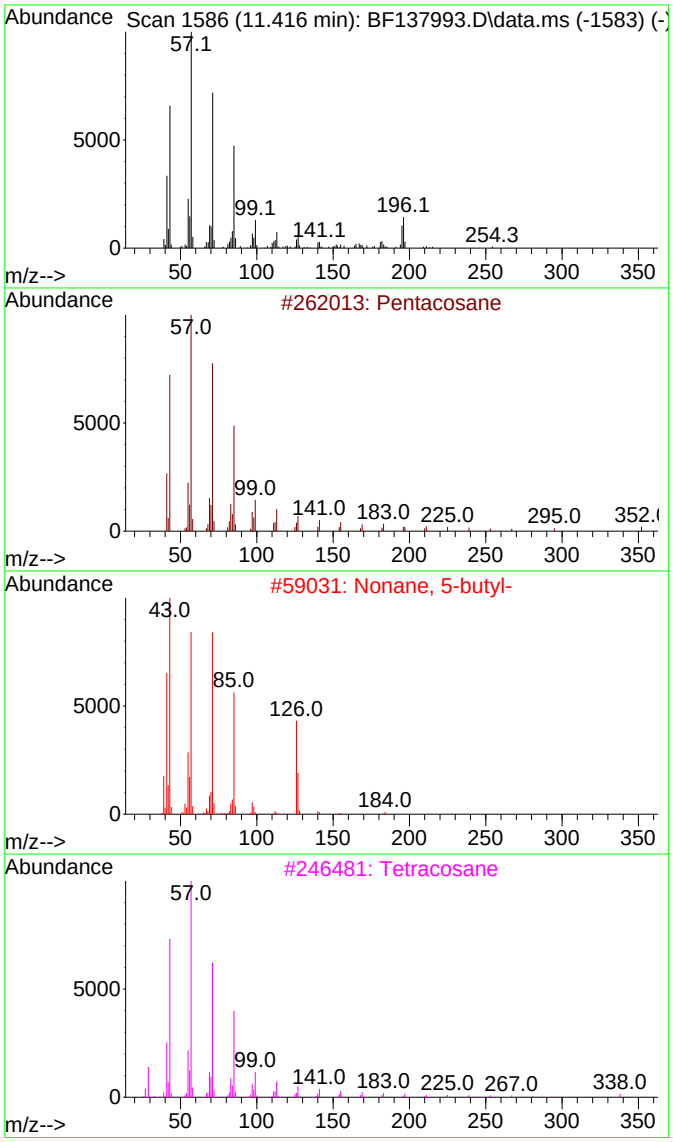
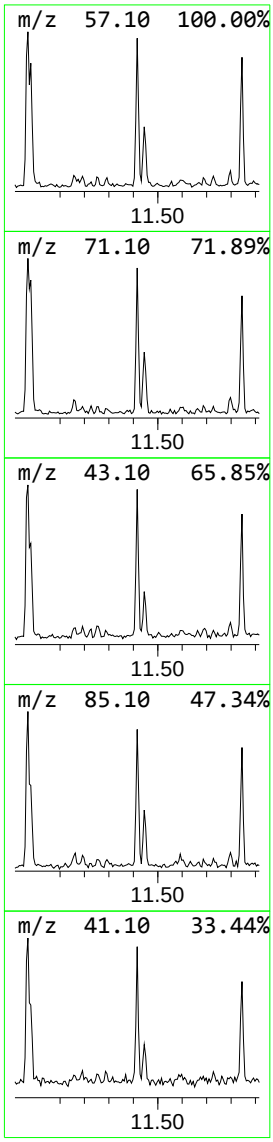
Peak Number 4 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.416	2.43 ng	118483	Phenanthrene-d10	11.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	80
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	78
3	Tetracosane	338	C24H50	000646-31-1	74
4	Octadecane	254	C18H38	000593-45-3	74
5	Heptadecane	240	C17H36	000629-78-7	74





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Data File : BF137993.D
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Operator : CG\JU
Sample : P2539-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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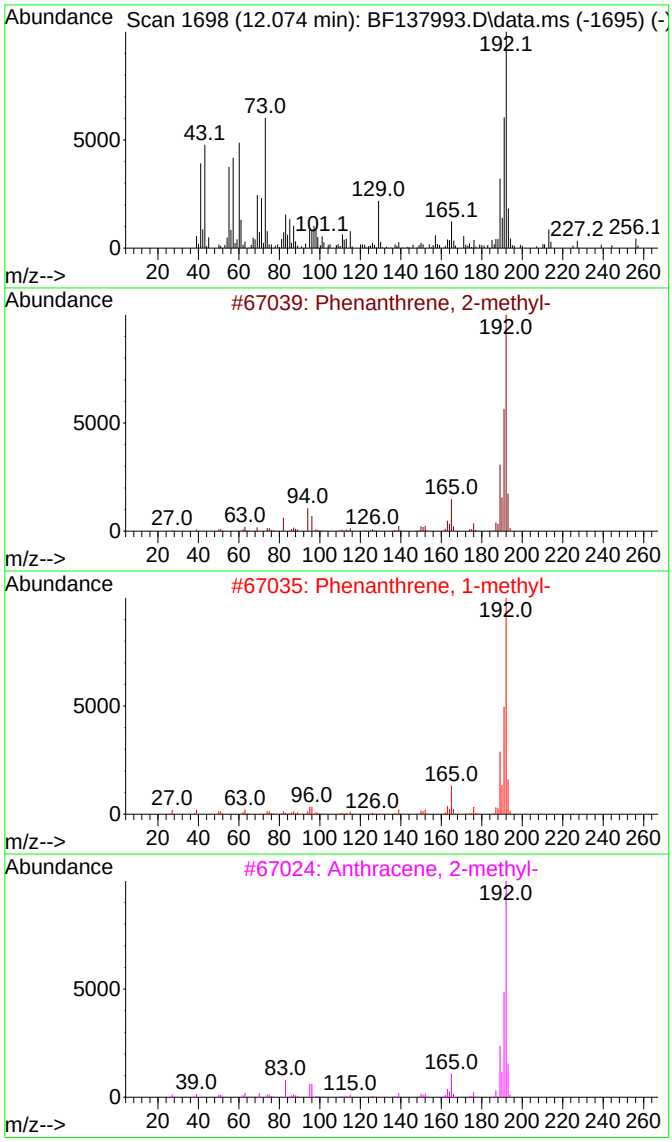
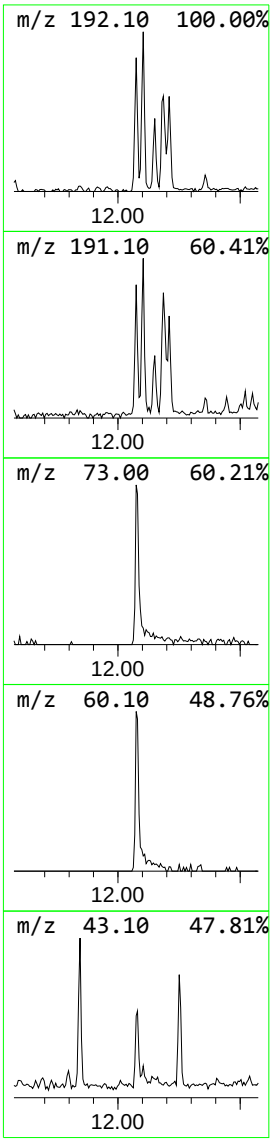
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.074	2.80 ng	136409	Phenanthrene-d10	11.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
Data File : BF137993.D
Acq On : 21 May 2024 22:46
Operator : CG\JU
Sample : P2539-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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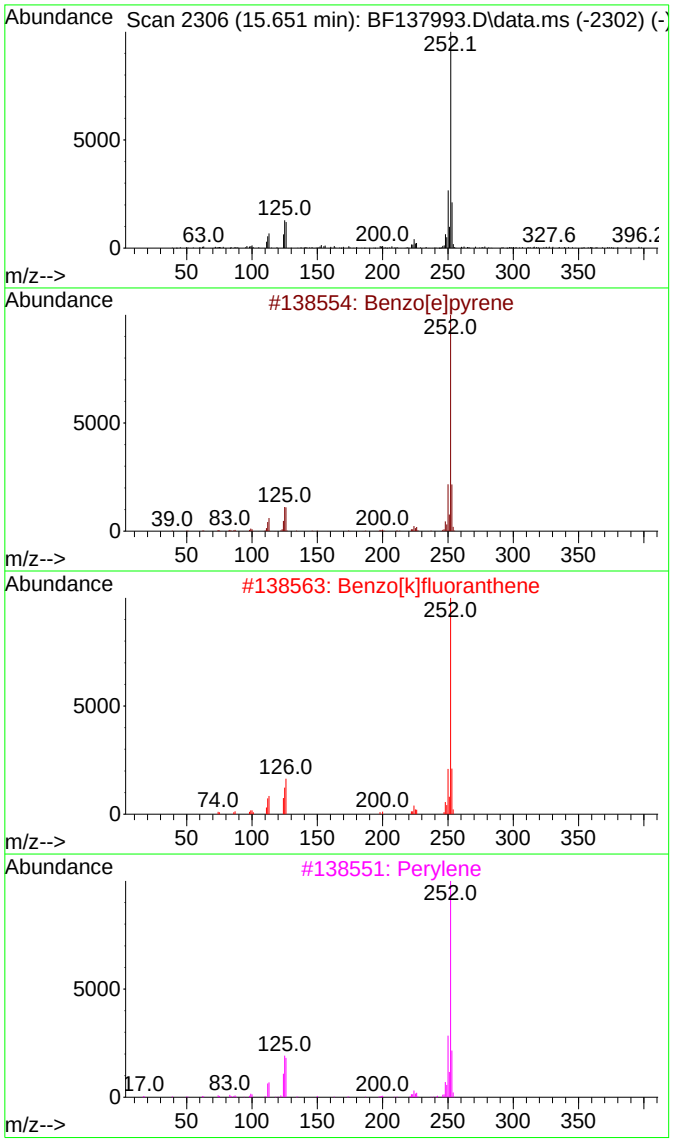
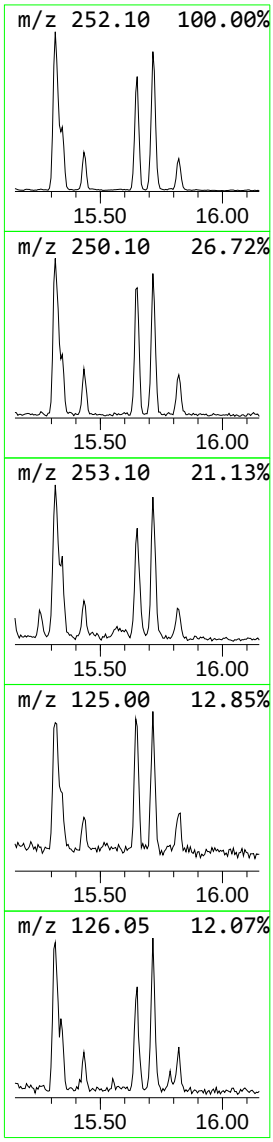
Peak Number 6 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	5.32 ng	154726	Perylene-d12	15.786

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	97
3	Perylene	252	C20H12	000198-55-0	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
Data File : BF137993.D
Acq On : 21 May 2024 22:46
Operator : CG\JU
Sample : P2539-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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
Butane, 2-metho...	2.351	10.2	ng	445341	1	7.033	871022	20.0
Hexadecane	10.492	2.4	ng	142826	3	10.080	1168590	20.0
Heneicosane	10.969	4.7	ng	227365	4	11.574	975580	20.0
Pentacosane	11.416	2.4	ng	118483	4	11.574	975580	20.0
Phenanthrene, 2...	12.074	2.8	ng	136409	4	11.574	975580	20.0
Benzo[e]pyrene	15.651	5.3	ng	154726	6	15.786	581155	20.0