LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116844.D
Acq On : 5 Sep 2019 18:01
Operator : HP/JU
Sample : K4695-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T5-1-4-(0-2.5)

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-BF083019.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	5.457	569	573	583	rBV	736774	692024	58.74%	4.382%
2	6.475	742	746	759	rVB	910721	793900	67.38%	5.027%
3	6.616	766	770	773	rBV	928066	784640	66.60%	4.969%
4	6.845	805	809	815	rBV	721658	575533	48.85%	3.645%
5	7.004	832	836	839	rBV	655539	584022	49.57%	3.698%
6	7.398	899	903	916	rBV	514622	478784	40.64%	3.032%
7	8.128	1023	1027	1030	rBV	970767	770353	65.38%	4.878%
8	8.728	1125	1129	1136	rBV3	20230	26292	2.23%	0.166%
9	8.839	1145	1148	1152	rBV	30759	23230	1.97%	0.147%
10	8.886	1152	1156	1163	rBV	40778	52706	4.47%	0.334%
11	9.110	1191	1194	1202	rVB	23834	33939	2.88%	0.215%
12	9.198	1205	1209	1212	rBV	1226711	934912	79.35%	5.920%
13	9.545	1263	1268	1270	rBV2	13997	12270	1.04%	0.078%
14	9.586	1273	1275	1280	rVB	74186	62209	5.28%	0.394%
15	9.881	1321	1325	1329	rBV	1164738	904712	76.79%	5.729%
16	10.022	1346	1349	1355	rBV	15374	16454	1.40%	0.104%
17	10.239	1381	1386	1390	rBV2	35139	44078	3.74%	0.279%
18	10.428	1415	1418	1421	rBV	12163	11885	1.01%	0.075%
19	10.586	1439	1445	1447	rBV2	14251	13688	1.16%	0.087%
20	10.663	1455	1458	1462	rBV	543499	492830	41.83%	3.121%
21	10.710	1464	1466	1470	rVB3	12681	12530	1.06%	0.079%
22	10.786	1475	1479	1483	rBV3	13660	20619	1.75%	0.131%
23	10.881	1491	1495	1498	rVB2	12153	13832	1.17%	0.088%
24	11.028	1517	1520	1524	rBV5	18075	19573	1.66%	0.124%
25	11.163	1541	1543	1547	rBV3	14252	13737	1.17%	0.087%
26	11.228	1549	1554	1558	rBV3	117097	170446	14.47%	1.079%
27	11.280	1561	1563	1567	rVB3	25339	24788	2.10%	0.157%
28	11.363	1573	1577	1580	rBV	941978	875265	74.29%	5.543%
29	11.386	1580	1581	1584	rVV	249087	139388	11.83%	0.883%
30	11.439	1588	1590	1593	rVB	36120	29867	2.53%	0.189%
31	11.498	1597	1600	1602	rBV	20811	20855	1.77%	0.132%
32	11.592	1611	1616	1619	rBV	36950	41825	3.55%	0.265%
33	11.733	1637	1640	1642	rBV	20530	18382	1.56%	0.116%
34	11.863	1660	1662	1664	rBV	22284	21561	1.83%	0.137%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116844.D
Acq On : 5 Sep 2019 18:01
Operator : HP/JU
Sample : K4695-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T5-1-4-(0-2.5)

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-BF083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.886	1664	1666	1670	rVV2	140875	136072	11.55%	0.862%
36	11.922	1670	1672	1674	rVV	29090	25984	2.21%	0.165%
37	11.975	1678	1681	1683	rVV	51427	48800	4.14%	0.309%
38	11.998	1683	1685	1687	rVB2	20669	17345	1.47%	0.110%
39	12.157	1710	1712	1714	rBV	22718	21384	1.81%	0.135%
40	12.180	1714	1716	1722	rVB	62647	55373	4.70%	0.351%
41	12.416	1753	1756	1759	rBV4	24429	27138	2.30%	0.172%
42	12.498	1768	1770	1772	rVB2	26479	18357	1.56%	0.116%
43	12.545	1775	1778	1779	rBV3	21426	21354	1.81%	0.135%
44	12.575	1779	1783	1786	rVV	674685	549478	46.64%	3.480%
45	12.669	1797	1799	1802	rBV3	47034	40663	3.45%	0.257%
46	12.804	1816	1822	1825	rBV	521940	533244	45.26%	3.377%
47	12.945	1842	1846	1853	rVB	835429	818783	69.49%	5.185%
48	13.127	1875	1877	1882	rVB	58673	48509	4.12%	0.307%
49	13.633	1961	1963	1967	rVB	49922	45158	3.83%	0.286%
50	13.798	1989	1991	1995	rBV2	68202	68369	5.80%	0.433%
51	13.839	1995	1998	2003	rVB3	99394	112421	9.54%	0.712%
52	13.998	2018	2025	2028	rBV3	804444	1178191	100.00%	7.461%
53	14.021	2028	2029	2035	rVB	302257	251243	21.32%	1.591%
54	14.104	2041	2043	2045	rBV	44668	28367	2.41%	0.180%
55	14.521	2110	2114	2118	rBV	818888	793288	67.33%	5.023%
56	14.768	2154	2156	2160	rVB	60458	50417	4.28%	0.319%
57	14.845	2167	2169	2173	rVB	83516	74473	6.32%	0.472%
58	15.033	2197	2201	2208	rVB	316828	536749	45.56%	3.399%
59	15.333	2248	2252	2258	rVB	160745	230012	19.52%	1.457%
60	15.398	2259	2263	2269	rVV	173725	248660	21.11%	1.575%
61	15.463	2269	2274	2285	rVB	447380	735172	62.40%	4.655%
62	16.910	2516	2520	2529	rVB3	95442	196384	16.67%	1.244%
63	17.351	2591	2595	2606	rVB	69287	149178	12.66%	0.945%

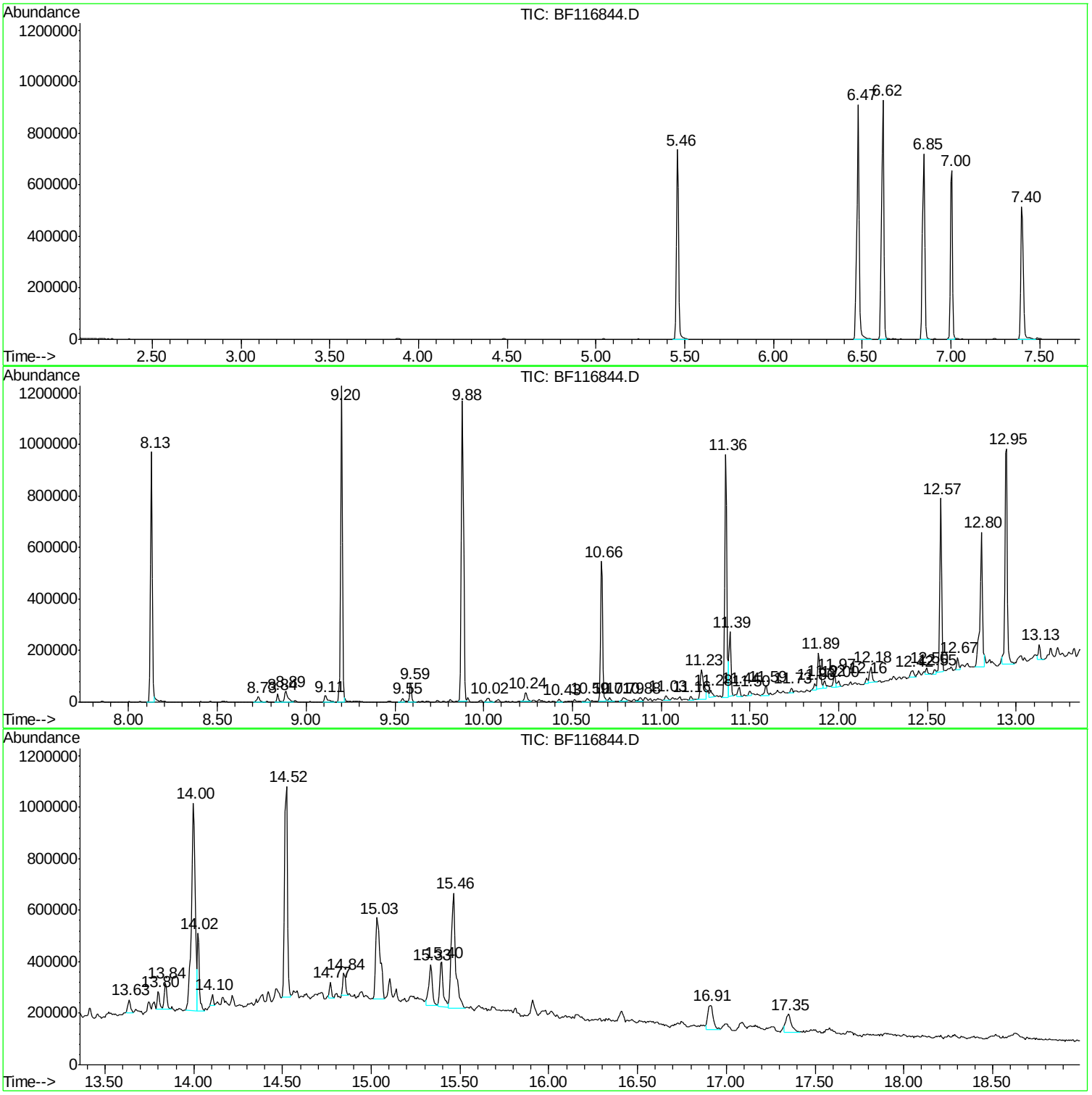
Sum of corrected areas: 15791695

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116844.D
Acq On : 5 Sep 2019 18:01
Operator : HP/JU
Sample : K4695-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T5-1-4-(0-2.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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 F\DATA\BF090519\
Data File : BF116844.D
Acq On : 5 Sep 2019 18:01
Operator : HP/JU
Sample : K4695-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T5-1-4-(0-2.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

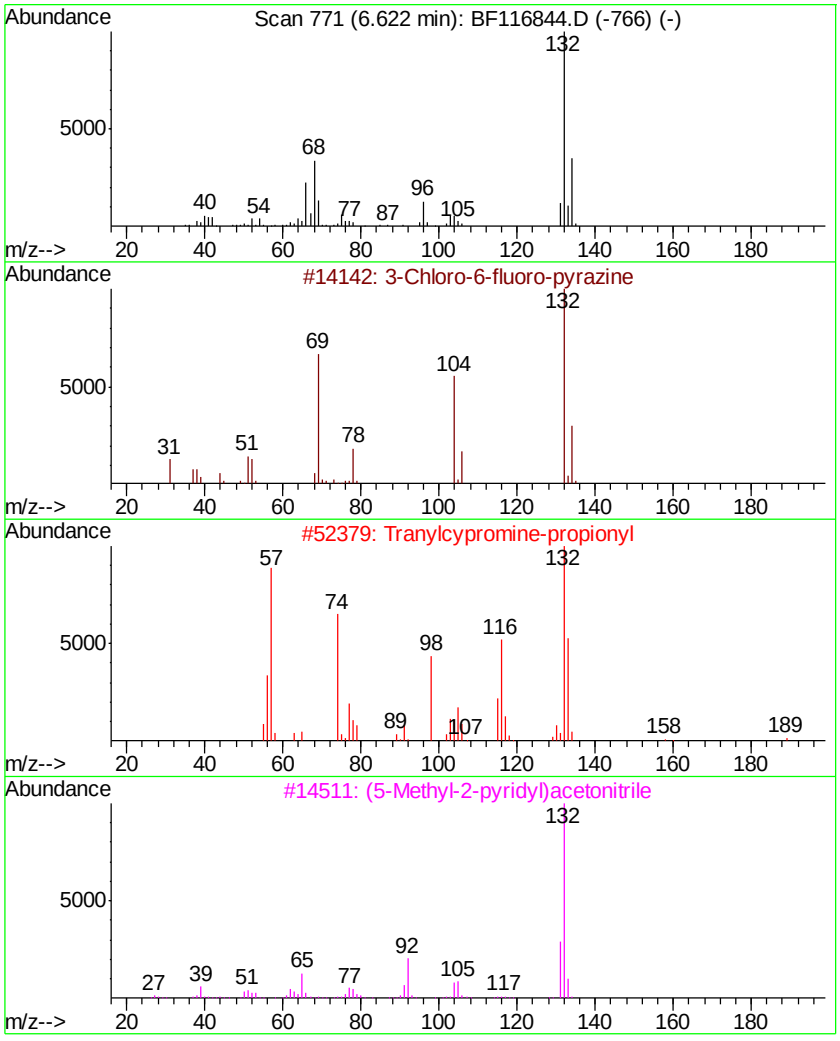
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

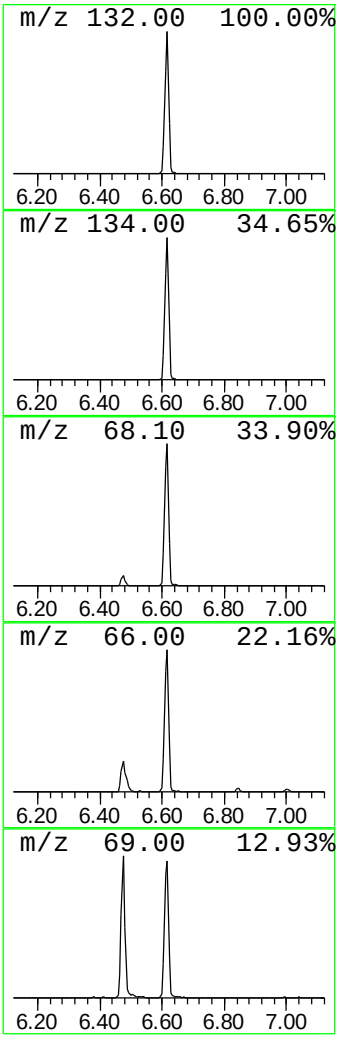
****

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	27.27 ng	784640	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116844.D
Acq On : 5 Sep 2019 18:01
Operator : HP/JU
Sample : K4695-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T5-1-4-(0-2.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

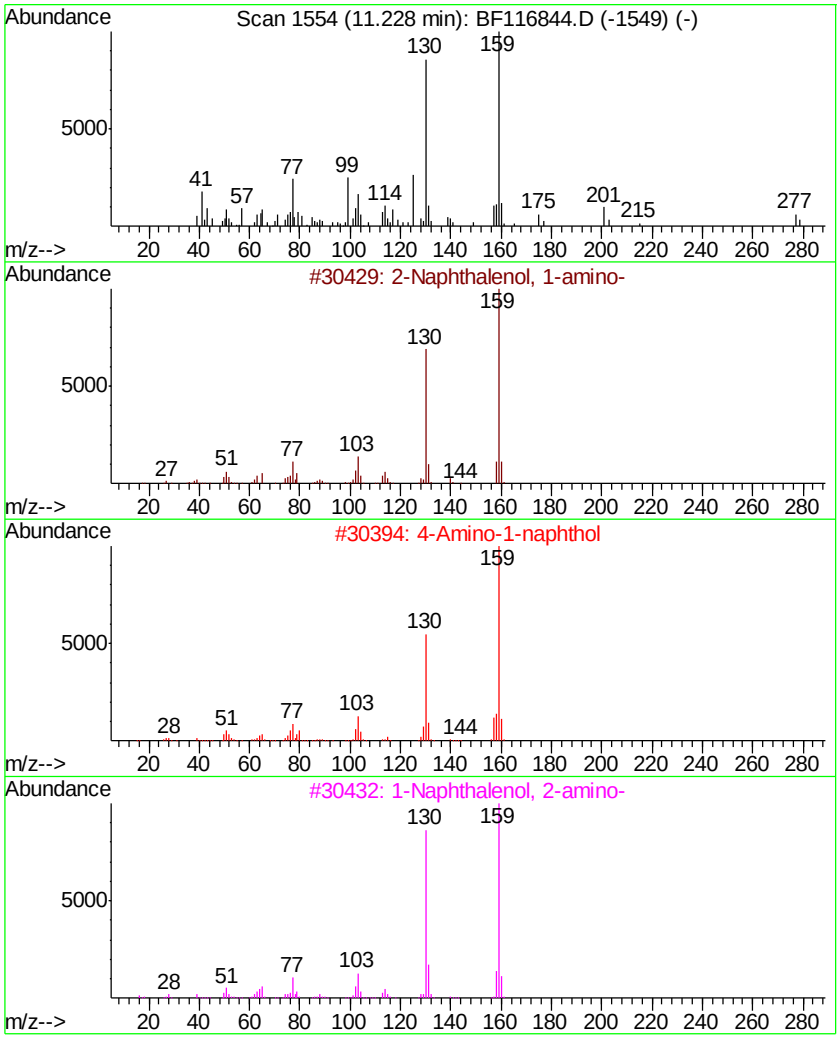
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

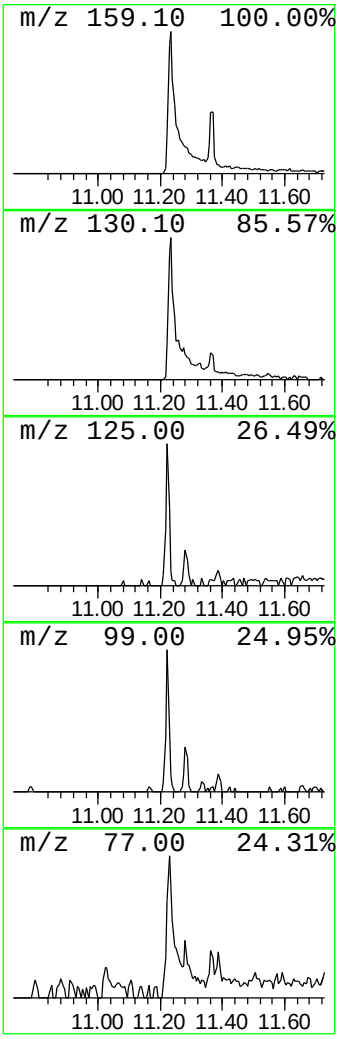
****

Peak Number 3 2-Naphthalenol, 1-amino- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	3.89 ng	170446	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	96
2	4-Amino-1-naphthol	159	C10H9NO	002834-90-4	70
3	1-Naphthalenol, 2-amino-	159	C10H9NO	000606-41-7	70
4	2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	68
5	5-Amino-1-naphthol	159	C10H9NO	000083-55-6	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116844.D
Acq On : 5 Sep 2019 18:01
Operator : HP/JU
Sample : K4695-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T5-1-4-(0-2.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

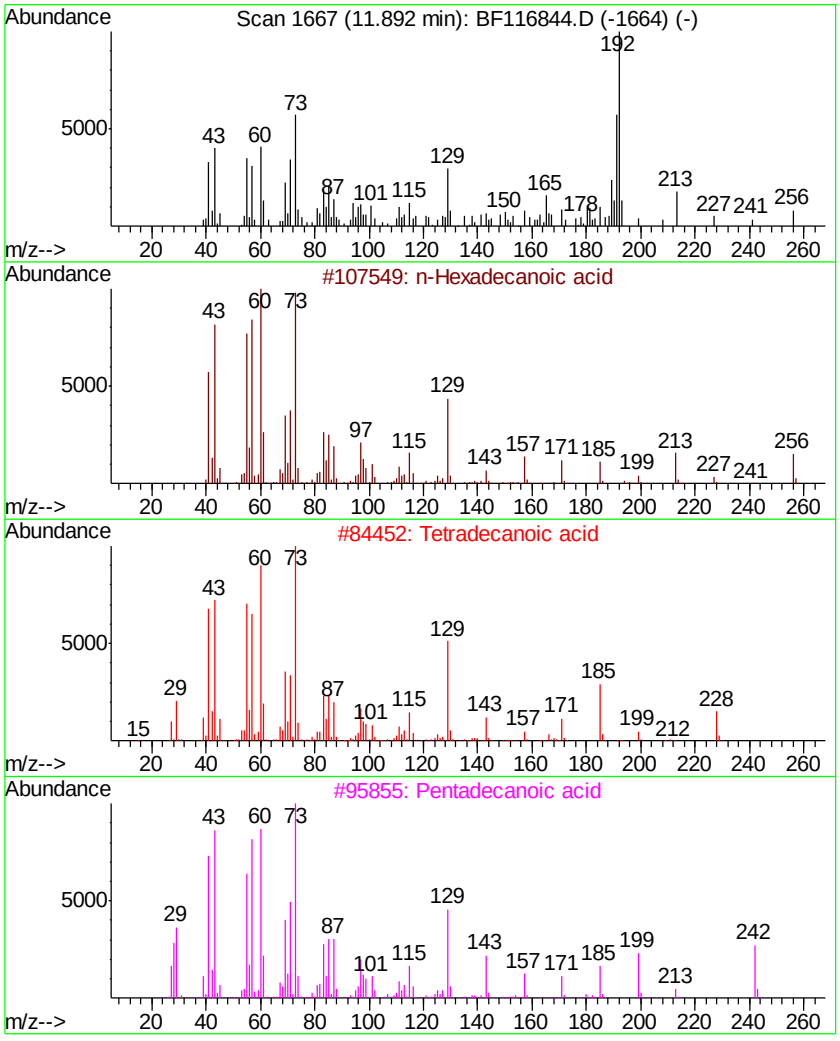
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

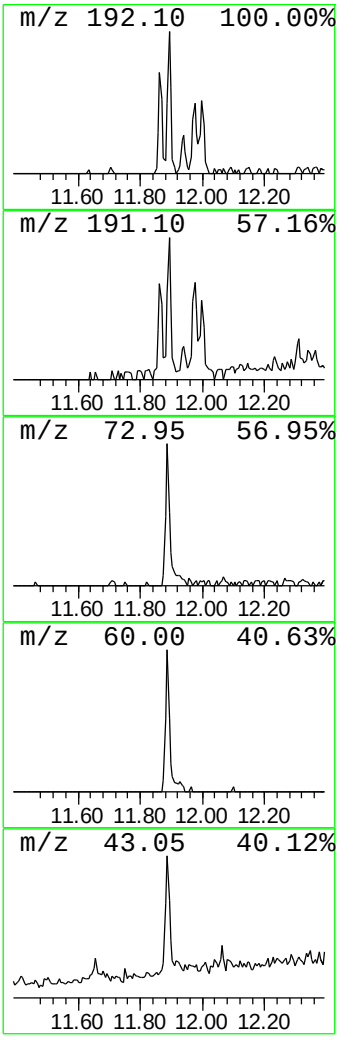
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.11 ng	136072	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
4	Dodecanoic acid	200	C12H24O2	000143-07-7	49
5	Tridecanoic acid	214	C13H26O2	000638-53-9	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116844.D
Acq On : 5 Sep 2019 18:01
Operator : HP/JU
Sample : K4695-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T5-1-4-(0-2.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

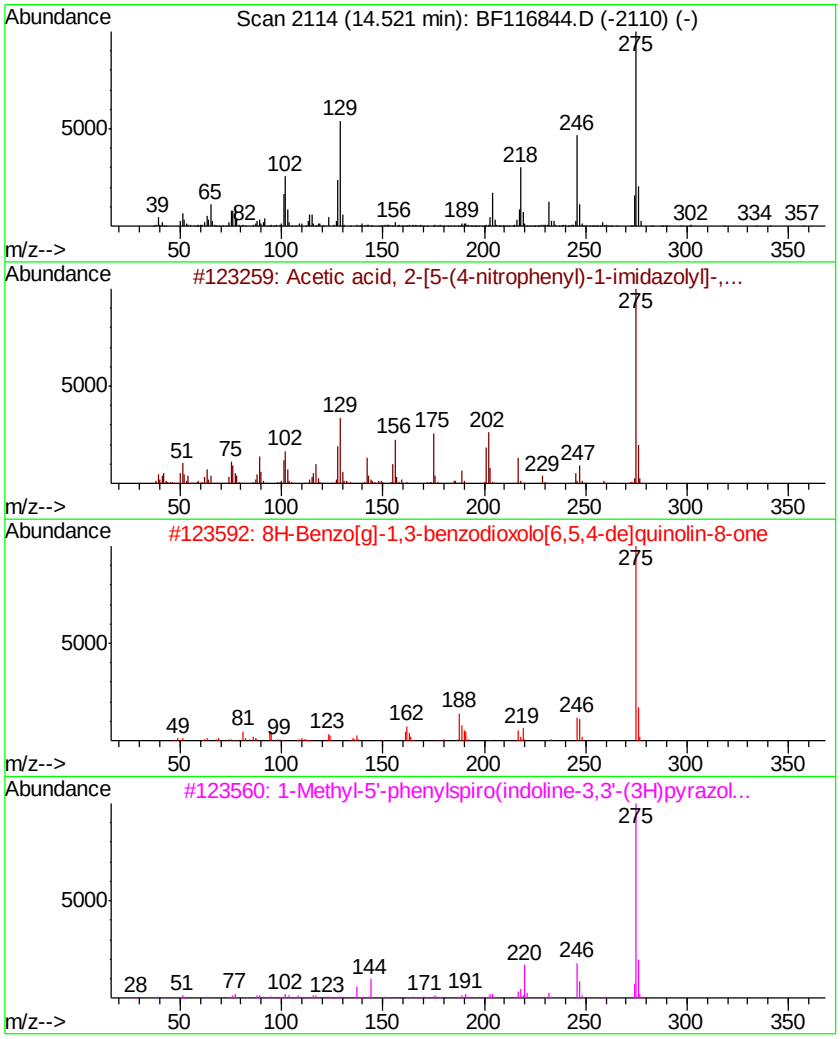
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

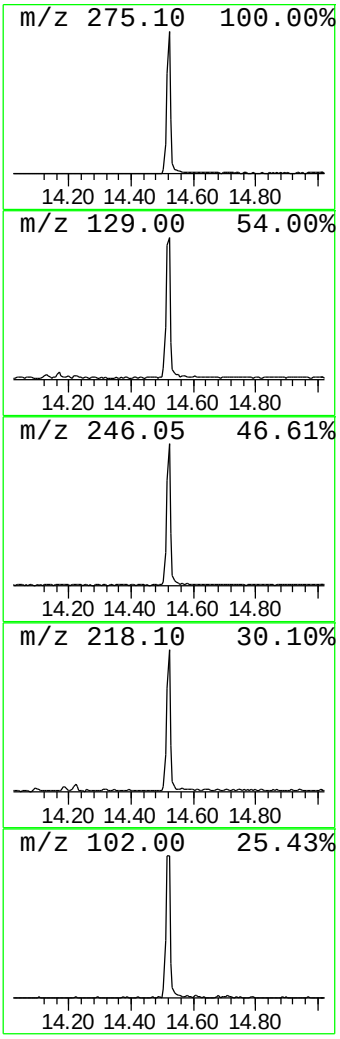
****

Peak Number 5 unknown14.52 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	13.47 ng	793288	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 2-[5-(4-nitrophenyl...	275	C13H13N3O4	351064-45-4	43
2	8H-Benzo[g]-1,3-benzodioxolo[6,5...	275	C17H9NO3	000475-75-2	38
3	1-Methyl-5'-phenylspiro(indoline...	275	C17H13N3O	015970-21-5	38
4	1,4-Benzenediamine, N,N-dimethyl...	275	C13H13N3O2S	126893-36-5	27
5	5H-[1]Benzopyrano[4,3-d]pyrimidi...	275	C16H9N3O2	1000337-49-1	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116844.D
Acq On : 5 Sep 2019 18:01
Operator : HP/JU
Sample : K4695-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T5-1-4-(0-2.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

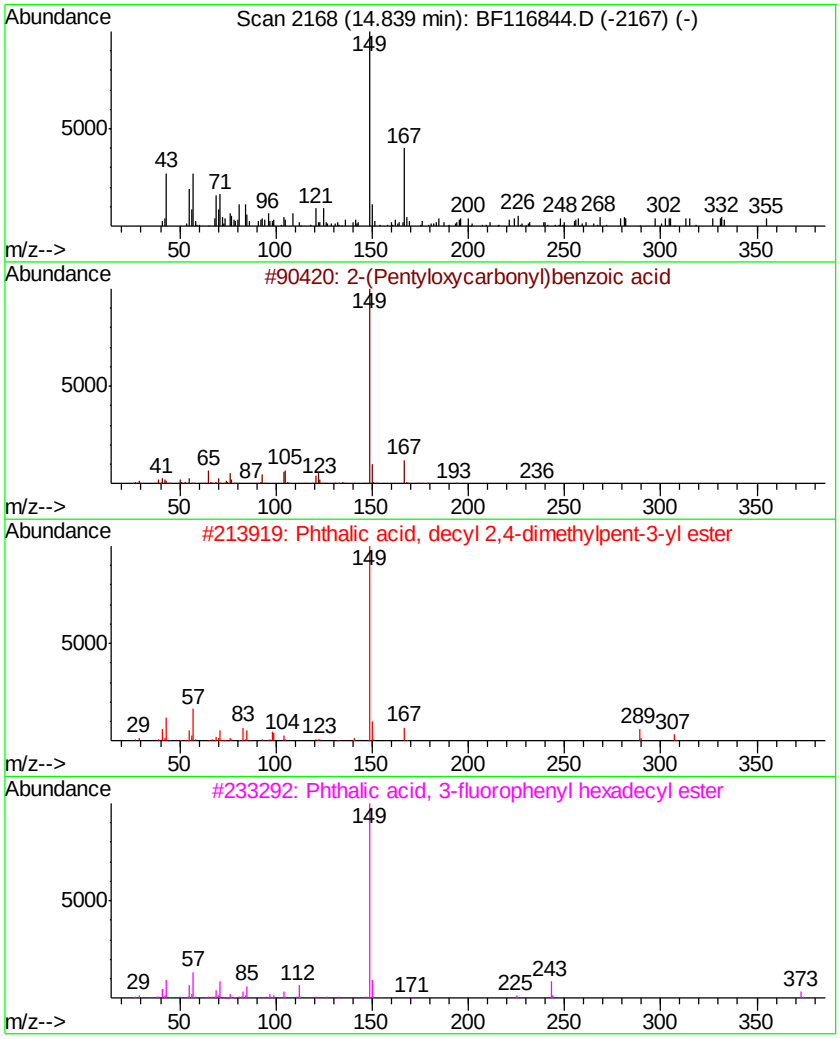
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

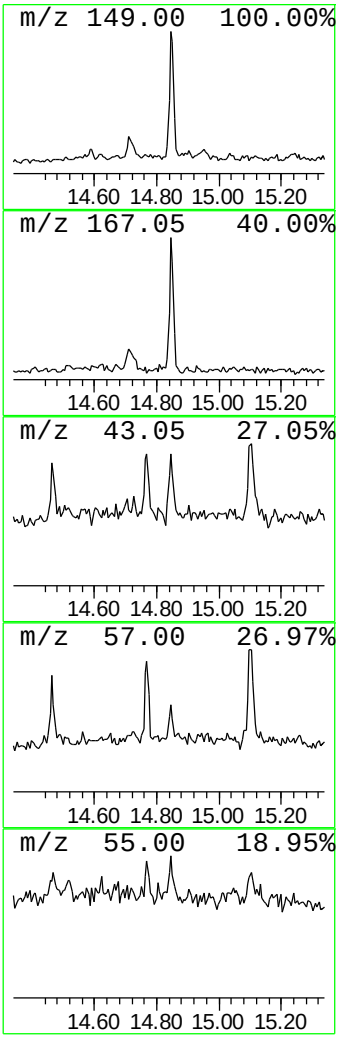
****

Peak Number 6 2-(Pentyloxycarbonyl)benzoi... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	2.03 ng	74473	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Pentyloxycarbonyl)benzoic acid	236	C13H16O4	1000373-49-7	58
2	Phthalic acid, decyl 2,4-dimethy...	404	C25H40O4	1000356-84-9	53
3	Phthalic acid, 3-fluorophenyl he...	484	C30H41FO4	1000356-66-4	50
4	2-((4-Methylpentyloxy)carbonyl)b...	250	C14H18O4	1000373-82-9	50
5	Phthalic acid, hexyl tetradecyl ...	446	C28H46O4	1000308-91-4	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116844.D
Acq On : 5 Sep 2019 18:01
Operator : HP/JU
Sample : K4695-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T5-1-4-(0-2.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

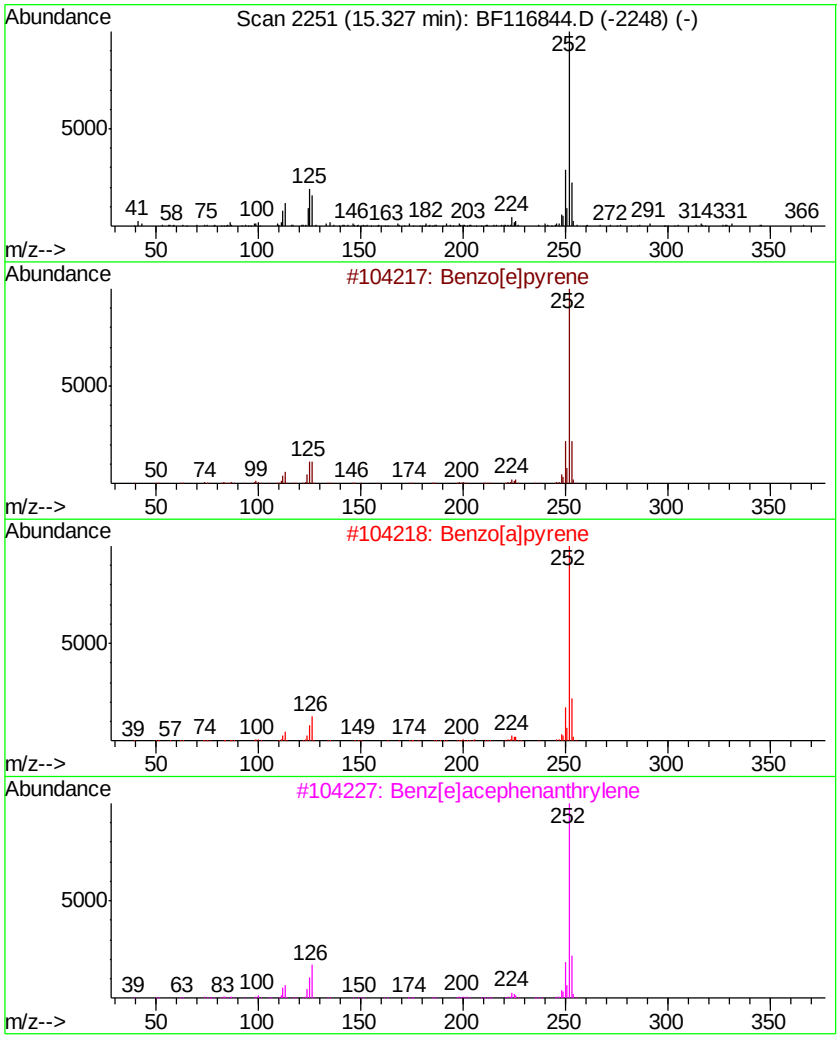
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

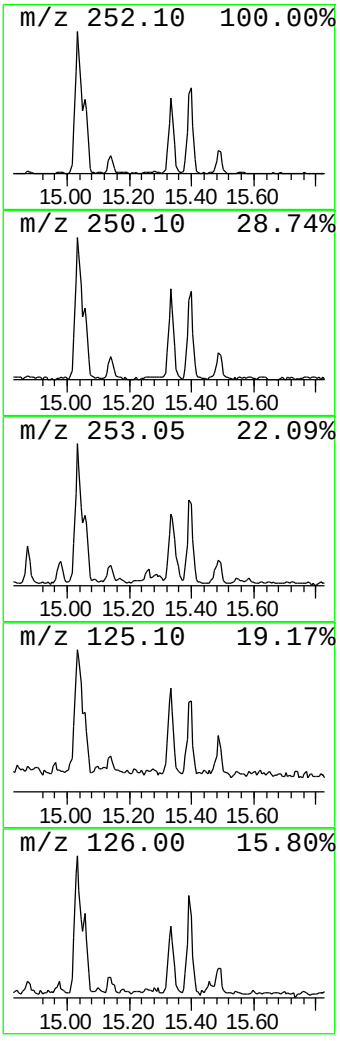
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	6.26 ng	230012	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090519\
Data File : BF116844.D
Acq On : 5 Sep 2019 18:01
Operator : HP/JU
Sample : K4695-06 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T5-1-4-(0-2.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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
unknown6.62	6.62	27.3	ng	784640	1	6.85	575533	20.0
2-Naphthalenol, 1...	11.23	3.9	ng	170446	4	11.36	875265	20.0
n-Hexadecanoic acid	11.89	3.1	ng	136072	4	11.36	875265	20.0
unknown14.52	14.52	13.5	ng	793288	5	14.00	1178190	20.0
2-(Pentyloxycarbo...	14.84	2.0	ng	74473	6	15.46	735172	20.0
Benzo[e]pyrene	15.33	6.3	ng	230012	6	15.46	735172	20.0