

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
 Data File : BM012479.D
 Acq On : 27 Oct 2017 10:44
 Operator : SJ/JU
 Sample : I5786-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 28 00:15:15 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 09:35:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	513267	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.66	136	1924191	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.50	164	1065725	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2309413	20.00	ng/ul	-0.01
75) Chrysene-d12	21.41	240	2570956	20.00	ng/ul	-0.01
83) Perylene-d12	23.72	264	2873196	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	55600	5.53	ng/uL	0.00
5) Phenol-d5	7.04	99	986941	23.02	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.20	67	729912	28.68	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.40	132	500974	15.60	ng/ul	-0.01
13) 4-Methylphenol-d8	8.57	113	689064	18.80	ng/ul	-0.01
19) Nitrobenzene-d5	9.02	128	434255	36.04	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.75	143	93833	7.56	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.28	165	180932	5.50	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.80	131	859056	24.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.91	166	2825039	30.34	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	3444622	31.28	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.70	143	2768	0.20	ng/ul	0.00
57) Fluorene-d10	15.49	176	2421616	30.73	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.60	200	4421	0.40	ng/ul	-0.02
70) Anthracene-d10	17.34	188	3650271	33.17	ng/ul	-0.01
76) Pyrene-d10	19.63	212	4030780	34.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	4515587	33.08	ng/ul	0.00

Target Compounds

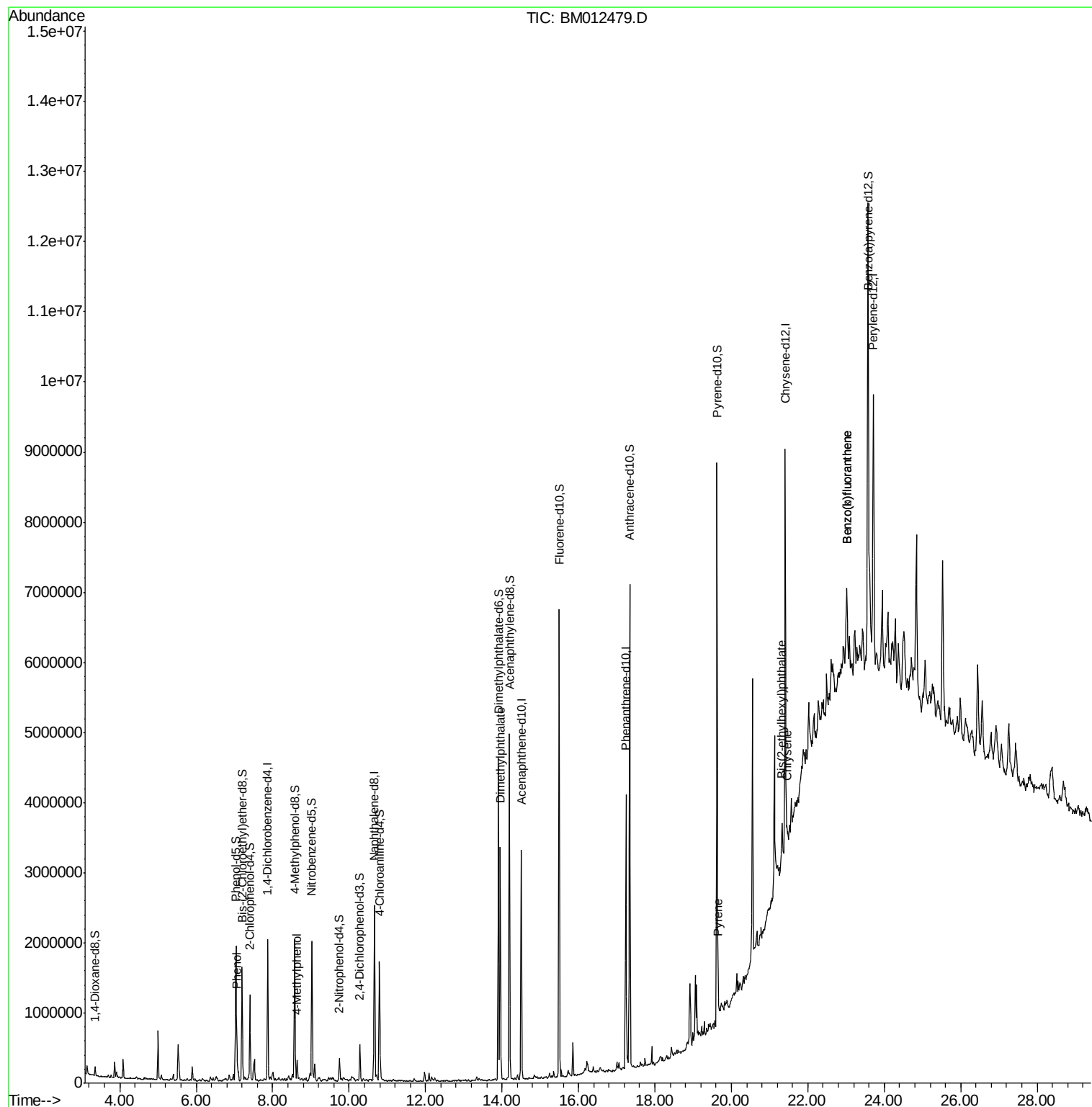
						Ovalue
6) Phenol	7.06	94	232801	5.21	ng/ul#	86
16) 4-Methylphenol	8.65	108	84160	2.28	ng/ul	86
44) Dimethylphthalate	13.96	163	1957299	21.25	ng/ul	99
77) Pyrene	19.66	202	148918	1.02	ng/ul#	90
81) Bis(2-ethylhexyl)phthalate	21.33	149	131506	1.50	ng/ul#	92
82) Chrysene	21.44	228	177322	1.30	ng/ul#	82
85) Benzo(b)fluoranthene	23.02	252	234637	1.32	ng/ul#	4
86) Benzo(k)fluoranthene	23.02	252	234637	1.40	ng/ul#	1

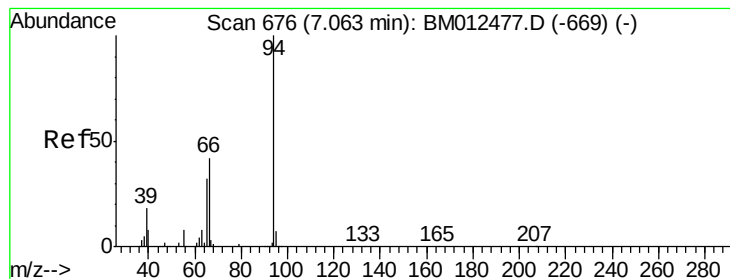
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 5.21 ng/ul

RT: 7.06 min Scan# 676

Delta R.T. -0.01 min

Lab File: BM012479.D

Acq: 27 Oct 2017 10:44

Instrument :

BNA_M

ClientSampleId :

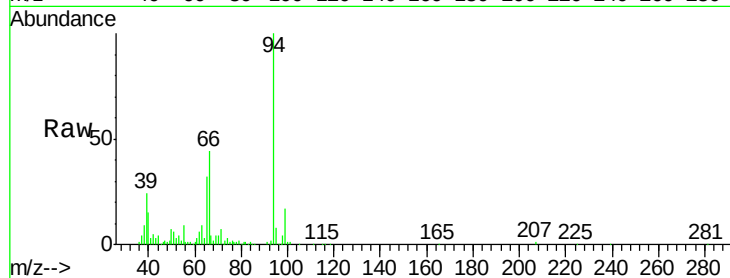
Tot Ion: 94 Resp: 232801

Ion Ratio Lower Upper

94 100

65 32.4 28.2 42.4

66 44.0 47.2 70.8#

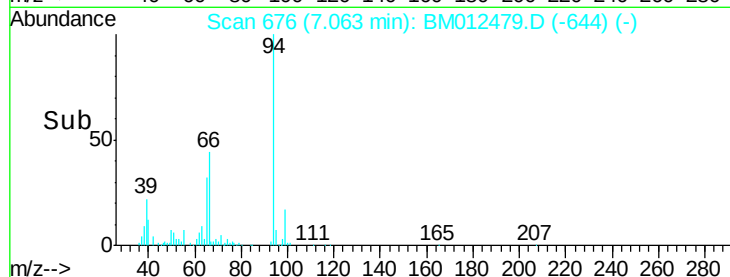


Abundance Ion 94.00 (93.70 to 94.70): BM012477.D (-669) (-)

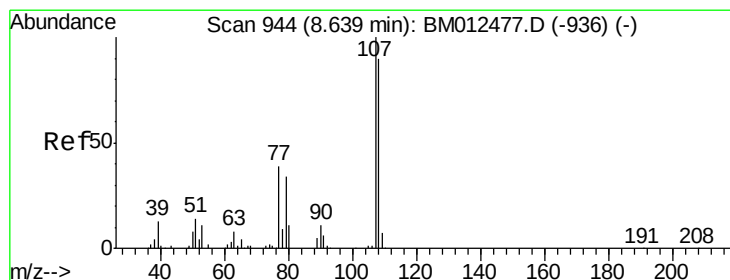
Ion 65.00 (64.70 to 65.70): BM012477.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM012477.D (-669) (-)

7.06



Time-->



#16

4-Methylphenol

Concen: 2.28 ng/ul

RT: 8.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BM012479.D

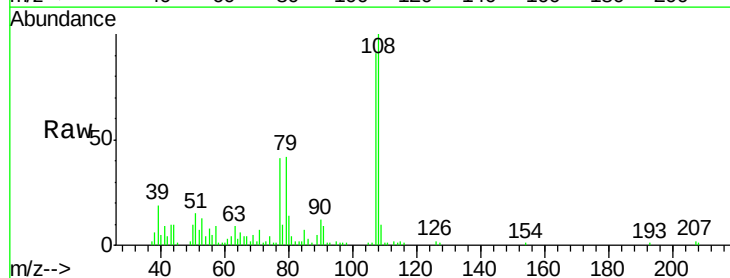
Acq: 27 Oct 2017 10:44

Tgt Ion: 108 Resp: 84160

Ion Ratio Lower Upper

108 100

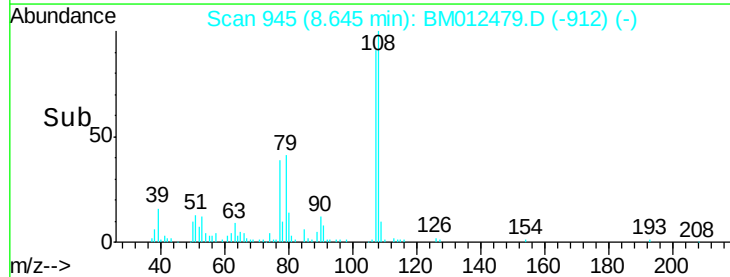
107 91.3 84.9 127.3



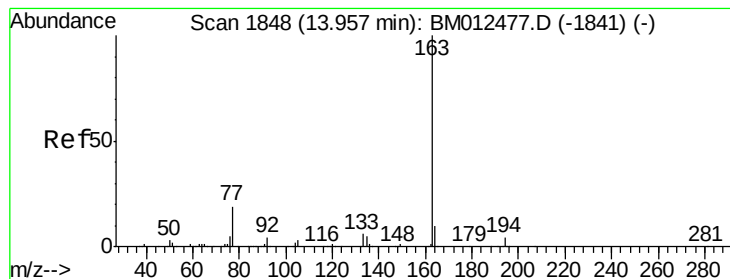
Abundance Ion 108.00 (107.70 to 108.70): BM012479.D (-912) (-)

Ion 107.00 (106.70 to 107.70): BM012479.D (-912) (-)

8.65



Time-->



#44

Dimethylphthalate

Concen: 21.25 ng/ul

RT: 13.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BM012479.D

Acq: 27 Oct 2017 10:44

Instrument :

BNA_M

ClientSampleId :

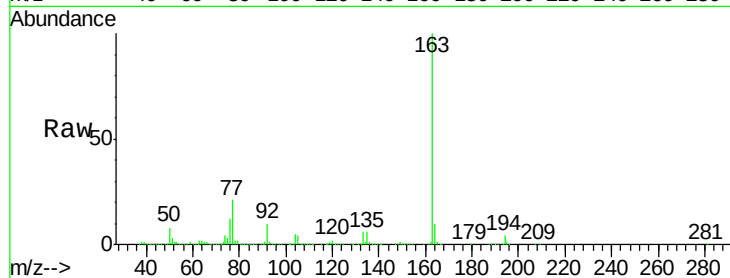
Tot Ion:163 Resp: 1957299

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

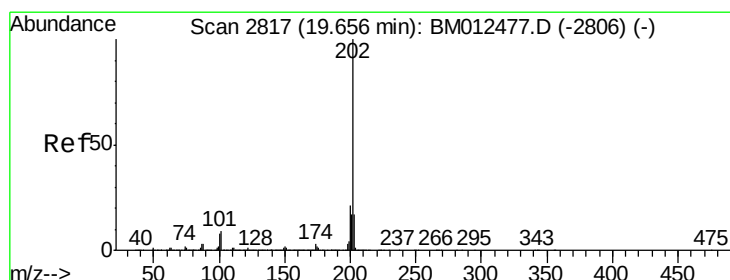
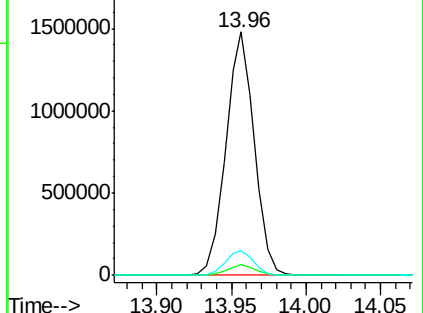
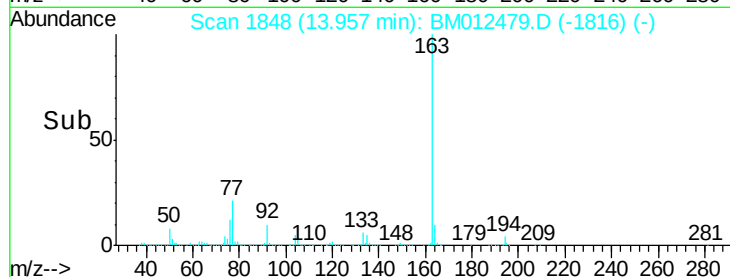
164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#77

Pyrene

Concen: 1.02 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BM012479.D

Acq: 27 Oct 2017 10:44

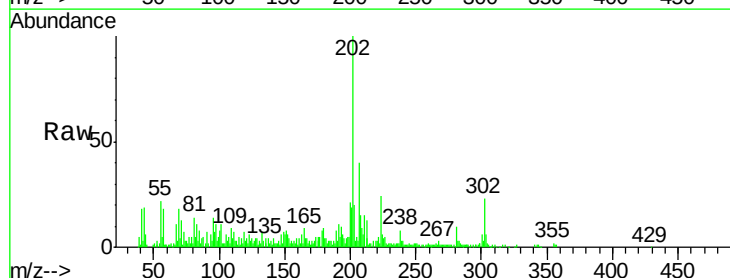
Tgt Ion:202 Resp: 148918

Ion Ratio Lower Upper

202 100

101 11.2 5.1 7.7#

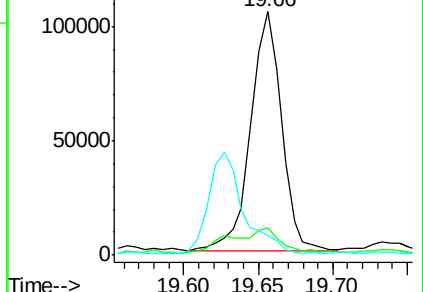
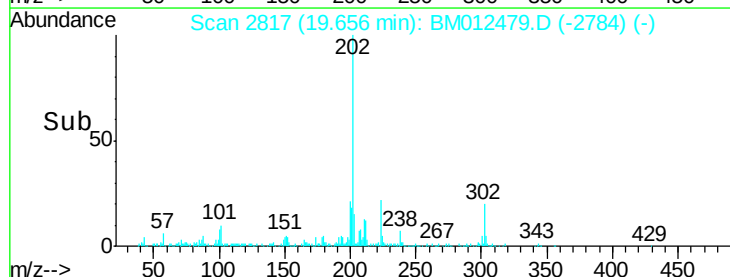
100 8.3 4.9 7.3#

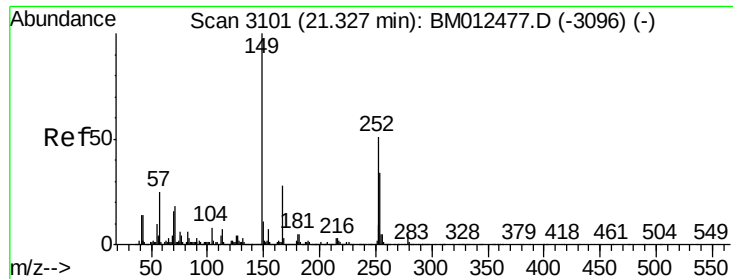


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.50 ng/ul

RT: 21.33 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM012479.D

Acq: 27 Oct 2017 10:44

Instrument :

BNA_M

ClientSampleId :

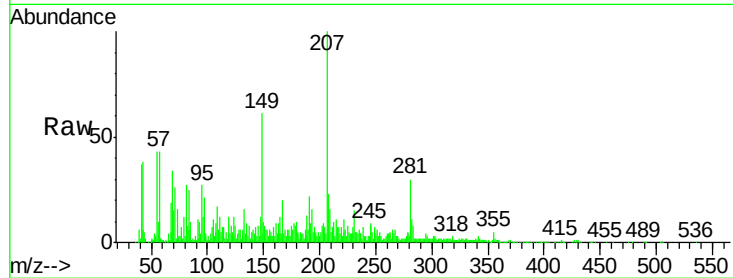
Tot Ion:149 Resp: 131506

Ion Ratio Lower Upper

149 100

167 33.0 22.8 34.2

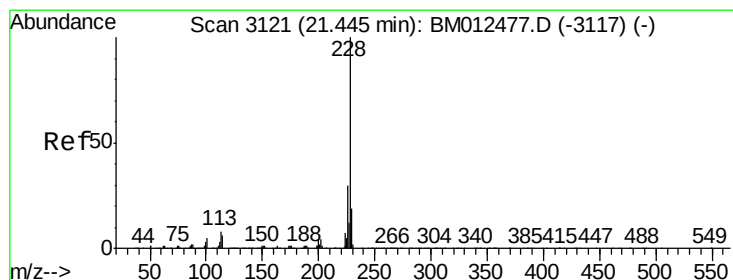
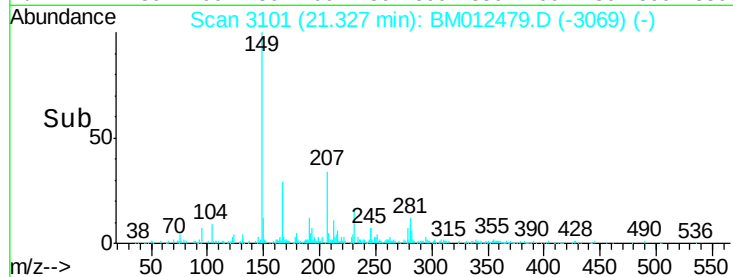
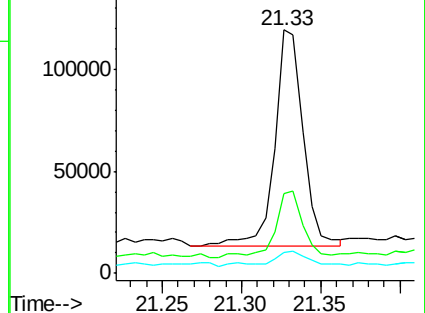
279 8.5 4.9 7.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#82

Chrysene

Concen: 1.30 ng/ul

RT: 21.44 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM012479.D

Acq: 27 Oct 2017 10:44

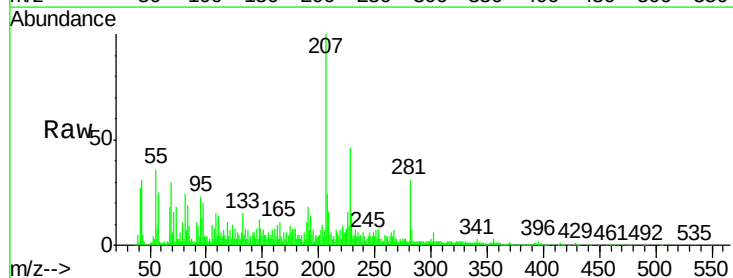
Tgt Ion:228 Resp: 177322

Ion Ratio Lower Upper

228 100

226 35.4 23.4 35.2#

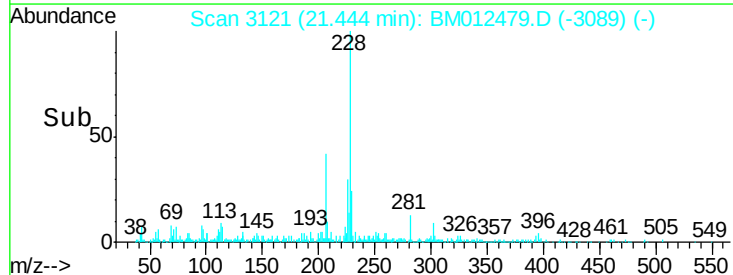
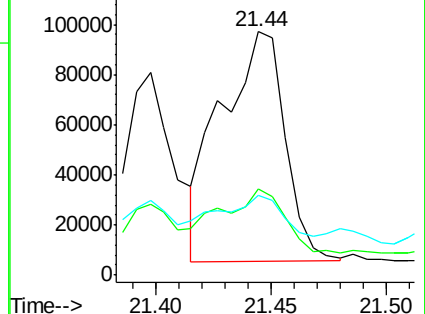
229 32.7 15.5 23.3#

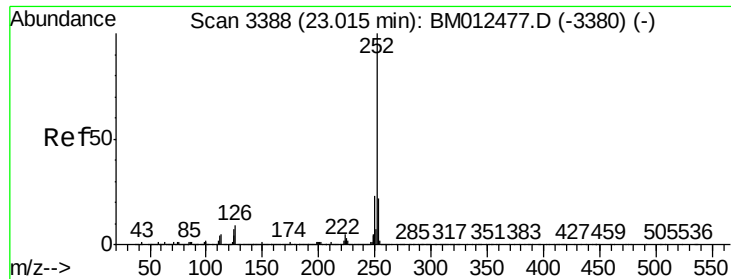


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.32 ng/ul

RT: 23.02 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BM012479.D

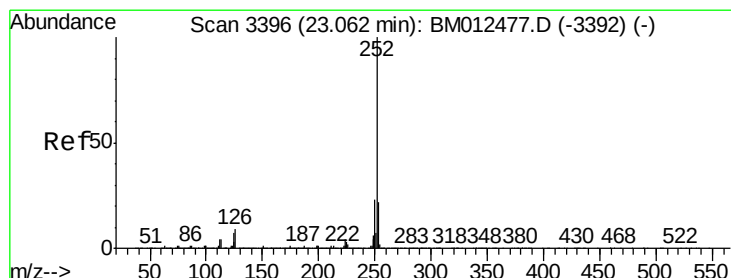
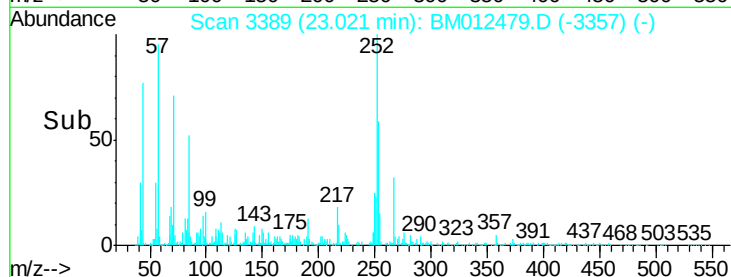
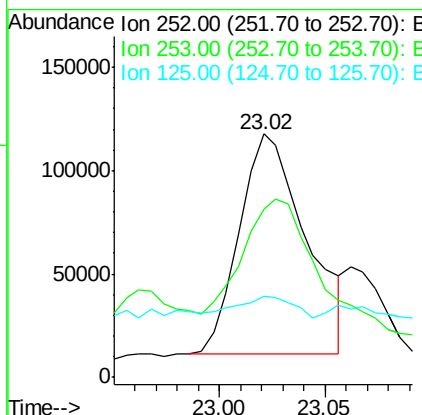
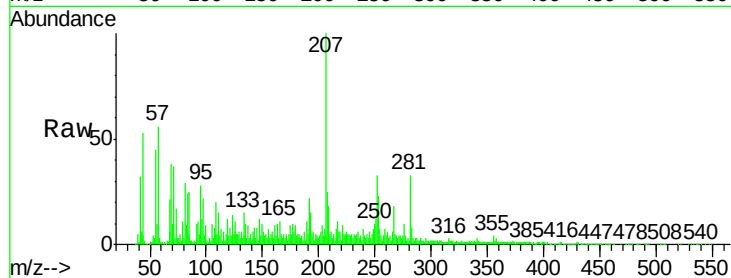
Acq: 27 Oct 2017 10:44

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	234637
Ion	Ratio	Lower	Upper
252	100		
253	69.1	17.9	26.9#
125	33.5	3.6	5.4#



#86

Benzo(k)fluoranthene

Concen: 1.40 ng/ul

RT: 23.02 min Scan# 3389

Delta R.T. -0.06 min

Lab File: BM012479.D

Acq: 27 Oct 2017 10:44

Tgt Ion:	252	Resp:	234637
Ion	Ratio	Lower	Upper
252	100		
253	69.1	17.1	25.7#
125	33.5	3.4	5.2#

