

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012827.D
 Acq On : 08 Nov 2017 18:44
 Operator : SJ/JU
 Sample : I5955-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-17(5-6.5)-101717

Quant Time: Nov 09 03:58:05 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 03:48:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	113395	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	480352	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	299033	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	667566	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	567245	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	571864	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	13834	6.59	ng/uL	0.00
5) Phenol-d5	6.97	99	309168	36.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	185577	40.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	274913	39.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	221033	30.35	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	142158	40.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	167703	41.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	305283	36.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	275473	34.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1006071	40.66	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1187021	38.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	99609	25.12	ng/ul	0.00
57) Fluorene-d10	15.43	176	860840	40.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	114384	25.95	ng/ul	0.00
70) Anthracene-d10	17.28	188	1234161	38.26	ng/ul	0.00
78) Pyrene-d10	19.57	212	1285677	48.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	1146839	42.41	ng/ul	0.00

Target Compounds

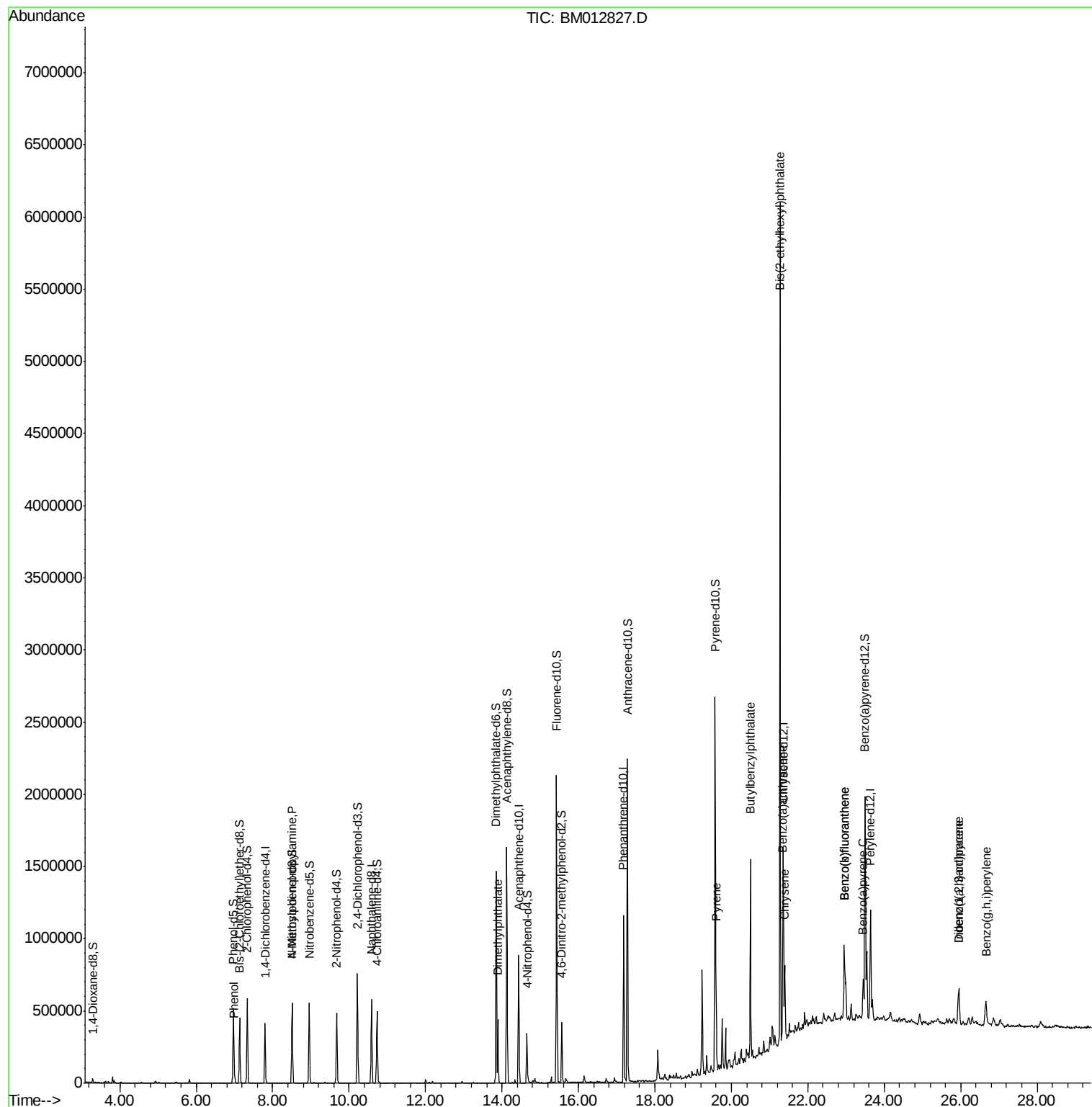
						Ovalue
6) Phenol	7.00	94	30962	3.57	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.50	70	5525	1.05	ng/ul#	1
44) Dimethylphthalate	13.89	163	286278	11.66	ng/ul	99
79) Pyrene	19.60	202	423156	12.50	ng/ul#	94
80) Butylbenzylphthalate	20.50	149	389951	31.60	ng/ul#	94
82) Benzo(a)anthracene	21.34	228	326929	9.52	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.27	149	1975753	109.89	ng/ul#	95
84) Chrysene	21.40	228	294008	9.45	ng/ul	97
87) Benzo(b)fluoranthene	22.96	252	461101	13.19	ng/ul#	94
88) Benzo(k)fluoranthene	22.96	252	461101	13.88	ng/ul#	94
90) Benzo(a)pyrene	23.44	252	224227	6.74	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.95	276	254546	6.35	ng/ul#	84
92) Dibenzo(a,h)anthracene	25.95	278	65832	1.94	ng/ul#	92
93) Benzo(g,h,i)perylene	26.66	276	213998	6.48	ng/ul#	88

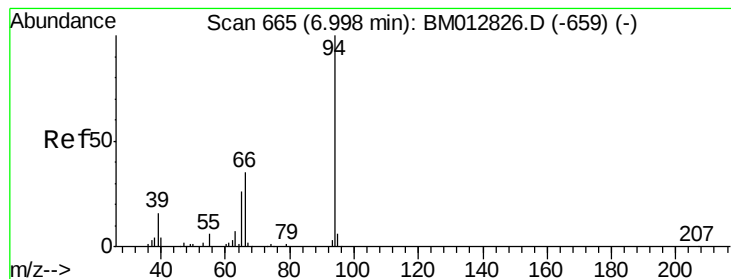
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.57 ng/ul

RT: 7.00 min Scan# 665

Delta R.T. -0.00 min

Lab File: BM012827.D

Acq: 08 Nov 2017 18:44

Instrument :

BNA_M

ClientSampleId :

B-17(5-6.5)-101717

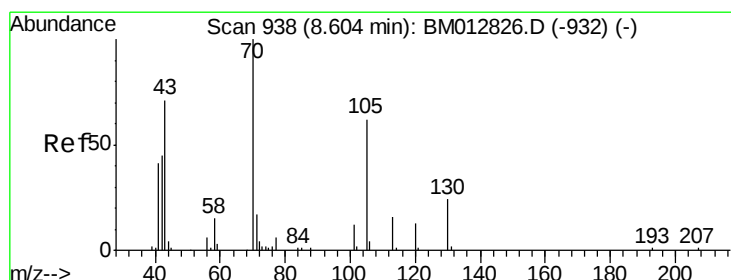
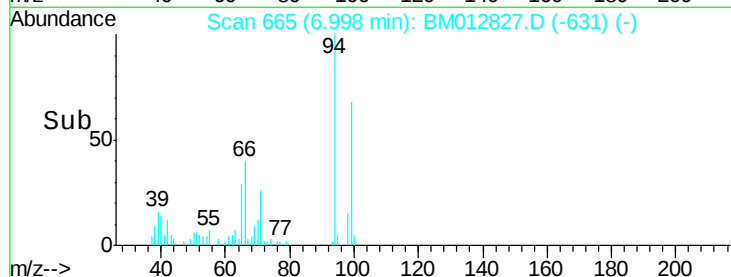
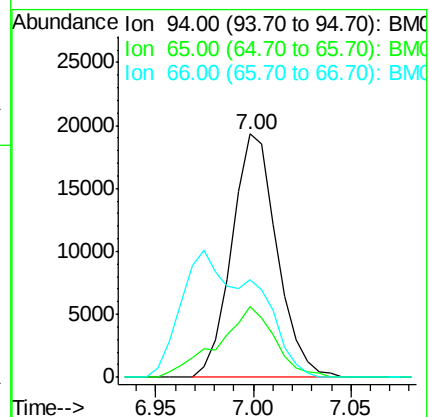
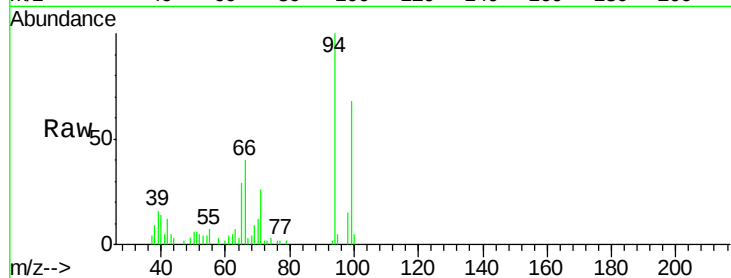
Tot Ion: 94 Resp: 30962

Ion Ratio Lower Upper

94 100

65 28.9 21.0 31.6

66 40.3 29.3 43.9



#15

N-Nitroso-di-n-propylamine

Concen: 1.05 ng/ul

RT: 8.50 min Scan# 921

Delta R.T. -0.10 min

Lab File: BM012827.D

Acq: 08 Nov 2017 18:44

Tgt Ion: 70 Resp: 5525

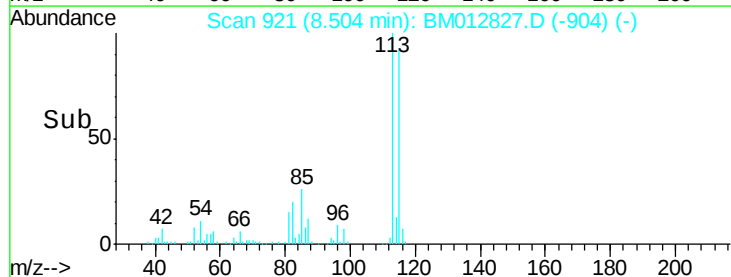
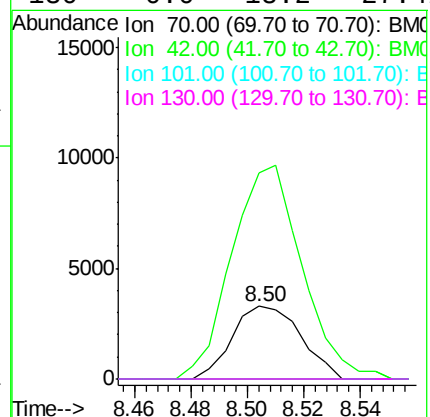
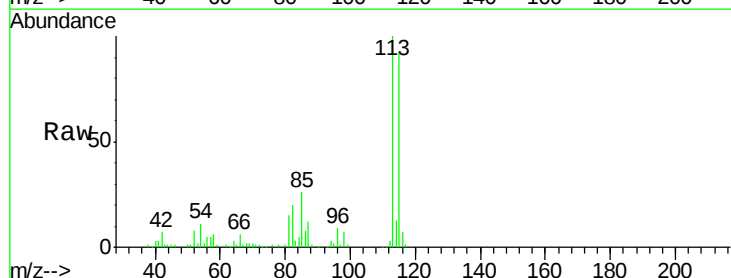
Ion Ratio Lower Upper

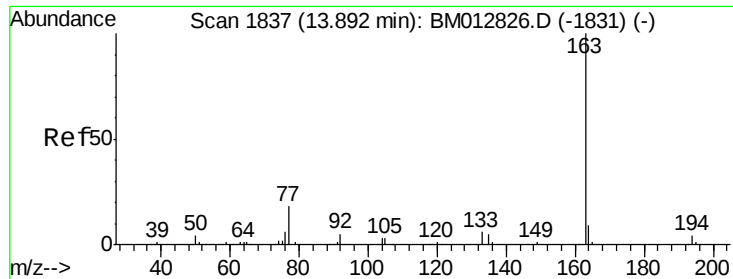
70 100

42 283.2 35.4 53.0#

101 0.0 8.4 12.6#

130 0.0 18.2 27.4#





#44

Dimethylphthalate

Concen: 11.66 ng/ul

RT: 13.89 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BM012827.D

Acq: 08 Nov 2017 18:44

Instrument :

BNA_M

ClientSampleId :

B-17(5-6.5)-101717

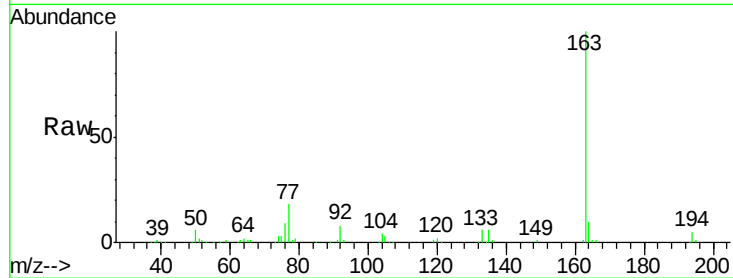
Tot Ion:163 Resp: 286278

Ion Ratio Lower Upper

163 100

194 4.7 3.2 4.8

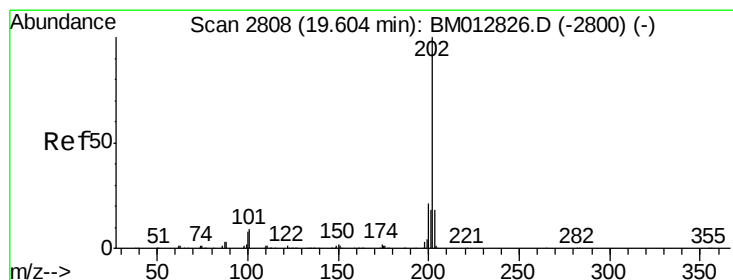
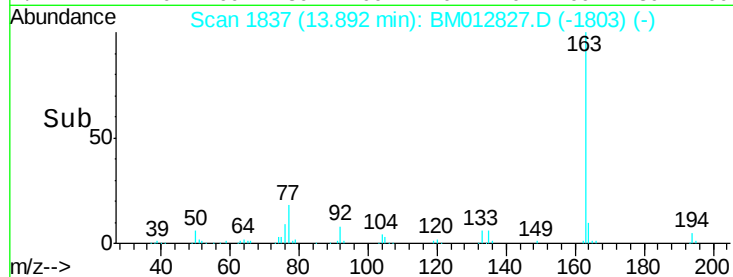
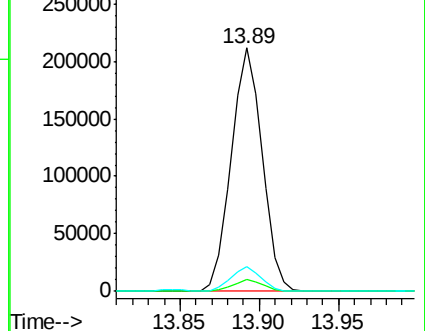
164 10.0 7.8 11.8



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



#79

Pyrene

Concen: 12.50 ng/ul

RT: 19.60 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BM012827.D

Acq: 08 Nov 2017 18:44

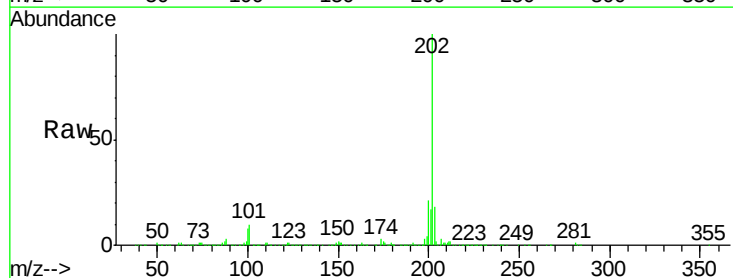
Tgt Ion:202 Resp: 423156

Ion Ratio Lower Upper

202 100

101 10.1 10.2 15.2#

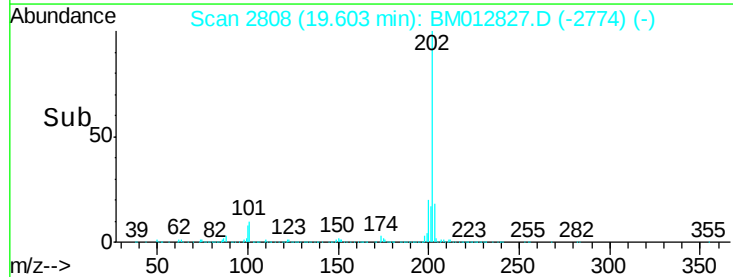
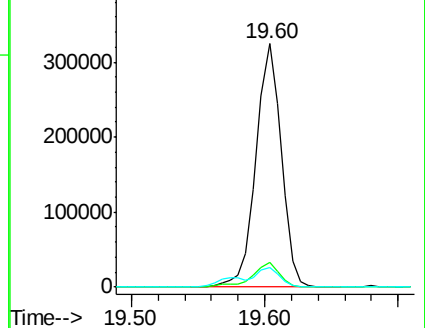
100 8.3 8.5 12.7#

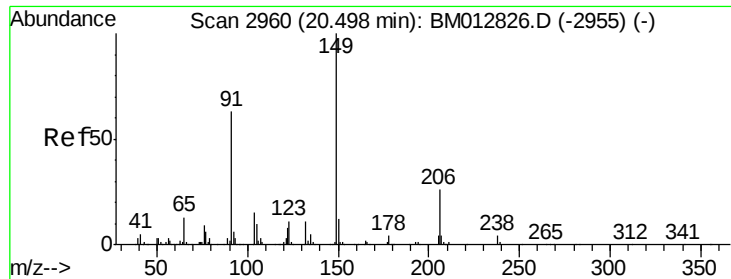


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

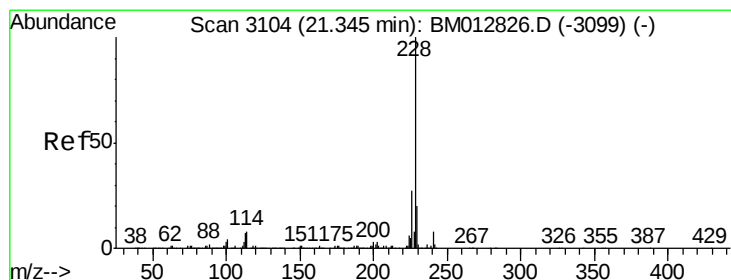
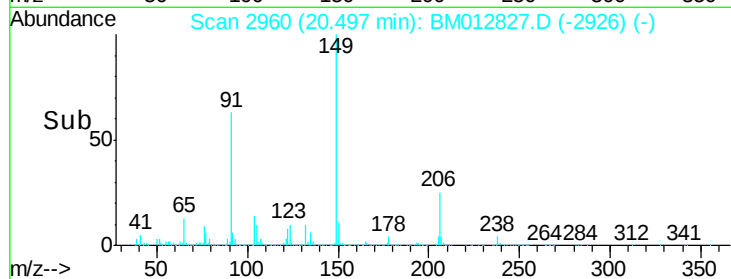
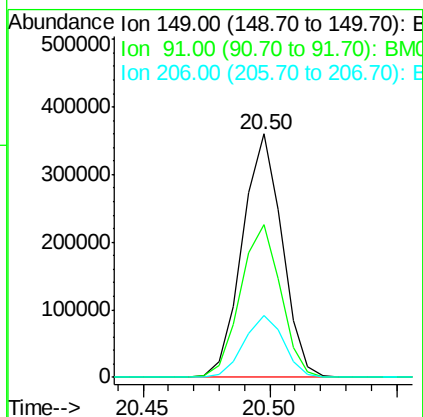
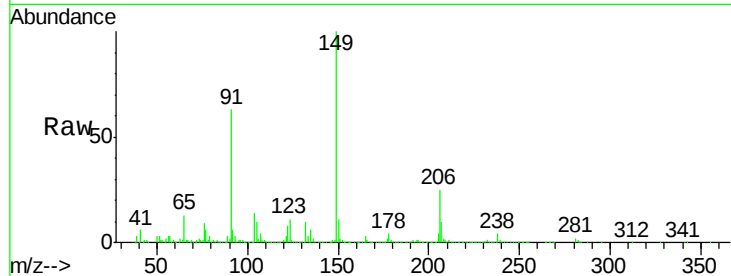




#80
Butylbenzylphthalate
Concen: 31.60 ng/ul
RT: 20.50 min Scan# 2960
Delta R.T. -0.00 min
Lab File: BM012827.D
Acq: 08 Nov 2017 18:44

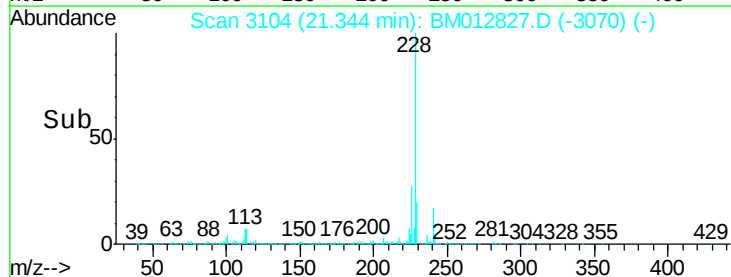
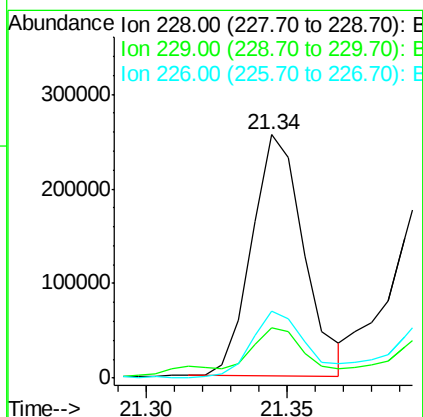
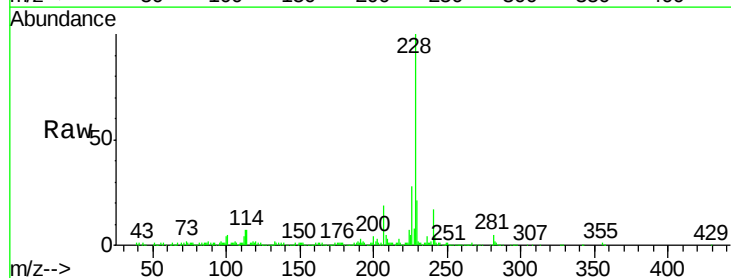
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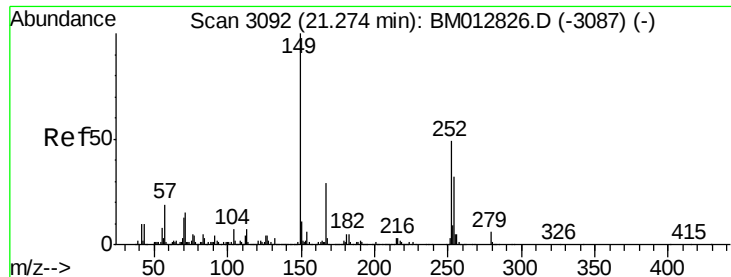
Tot Ion	Ratio	Lower	Upper
149	100		
91	62.8	53.4	80.2
206	25.2	16.6	24.8



#82
Benzo(a)anthracene
Concen: 9.52 ng/ul
RT: 21.34 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BM012827.D
Acq: 08 Nov 2017 18:44

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	27.5	21.8	32.6

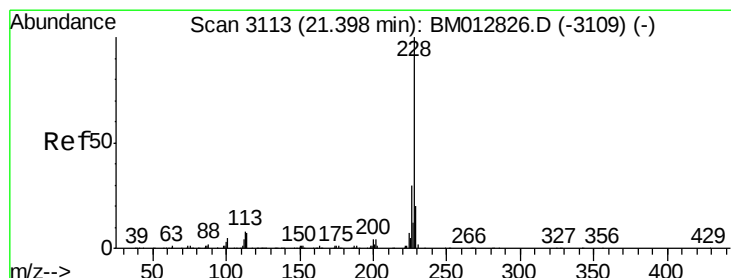
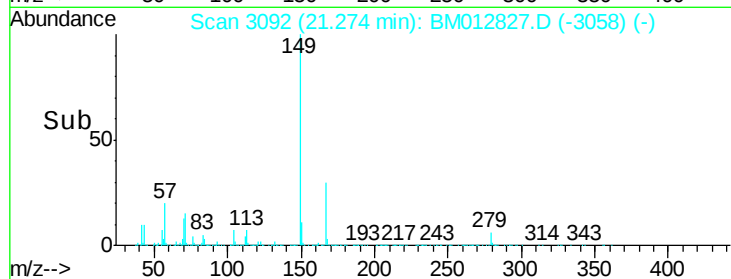
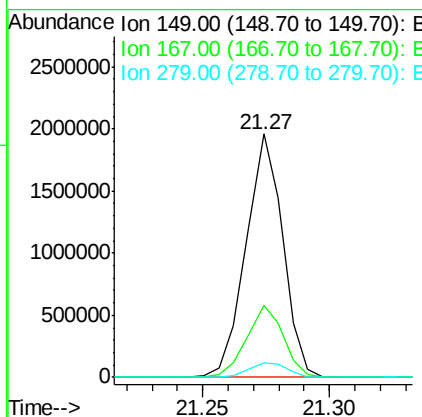
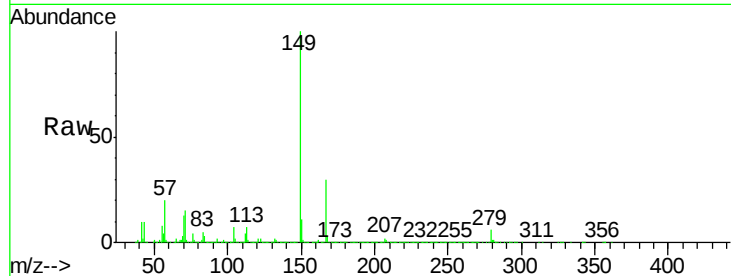




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 109.89 ng/ul
 RT: 21.27 min Scan# 3092
 Delta R.T. -0.00 min
 Lab File: BM012827.D
 Acq: 08 Nov 2017 18:44

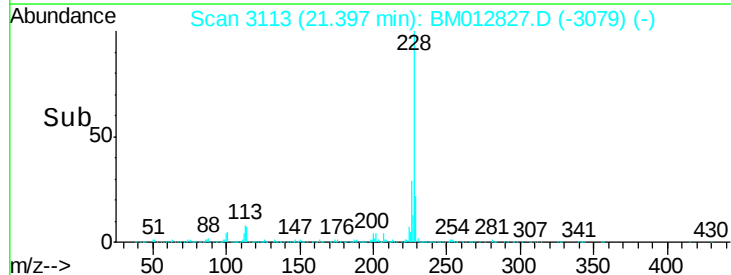
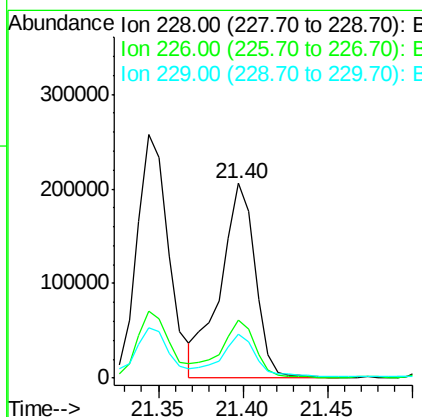
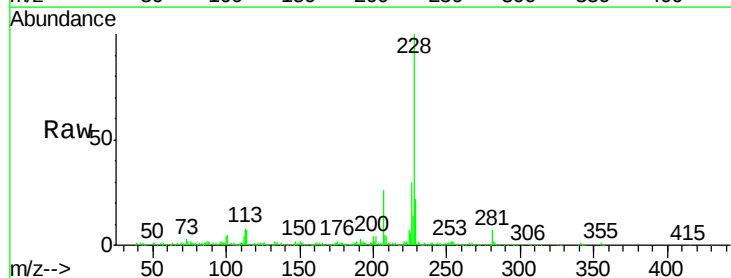
Instrument :
 BNA_M
 ClientSampleId :
 B-17(5-6.5)-101717

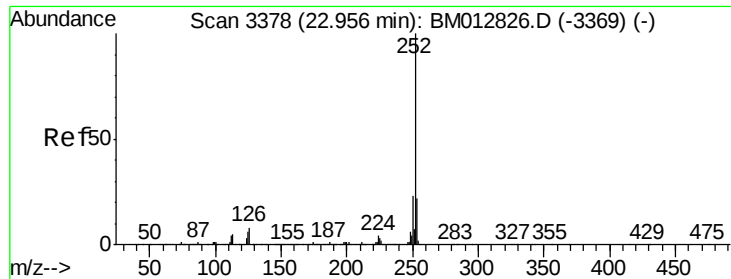
Tot Ion:149 Resp: 1975753
 Ion Ratio Lower Upper
 149 100
 167 29.7 21.6 32.4
 279 6.0 3.0 4.4#



#84
 Chrysene
 Concen: 9.45 ng/ul
 RT: 21.40 min Scan# 3113
 Delta R.T. -0.00 min
 Lab File: BM012827.D
 Acq: 08 Nov 2017 18:44

Tgt Ion:228 Resp: 294008
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.0 36.0
 229 22.2 15.6 23.4





#87

Benzo(b)fluoranthene

Concen: 13.19 ng/ul

RT: 22.96 min Scan# 3378

Delta R.T. -0.00 min

Lab File: BM012827.D

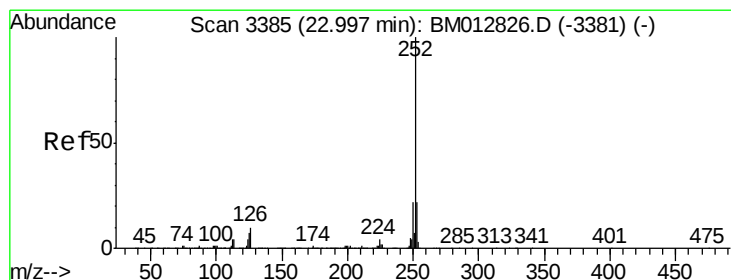
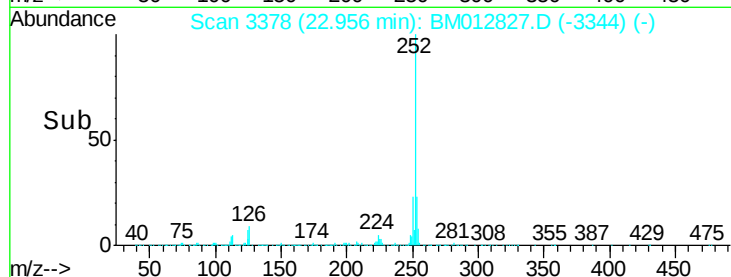
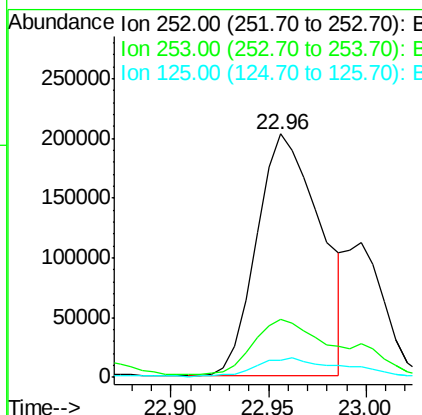
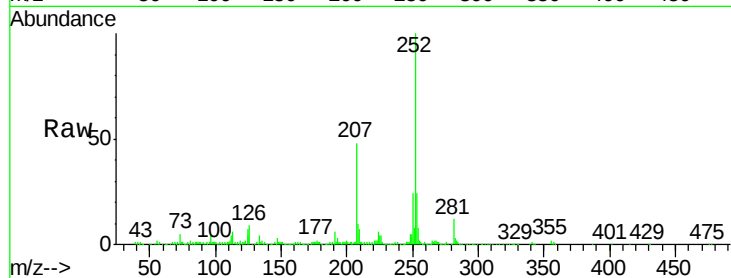
Acq: 08 Nov 2017 18:44

Instrument :
BNA_M

ClientSampleId :
B-17(5-6.5)-101717

Tot Ion:252 Resp: 461101

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	7.1	8.5	12.7#



#88

Benzo(k)fluoranthene

Concen: 13.88 ng/ul

RT: 22.96 min Scan# 3378

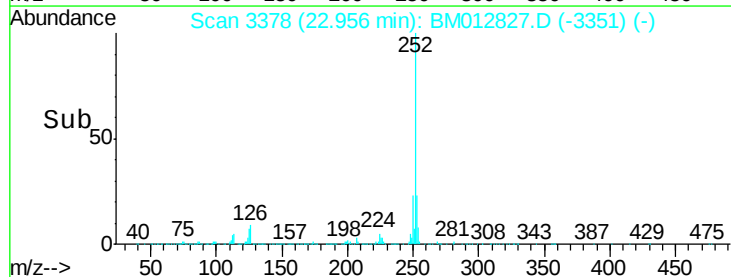
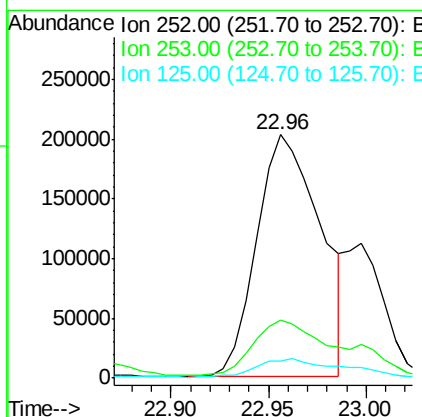
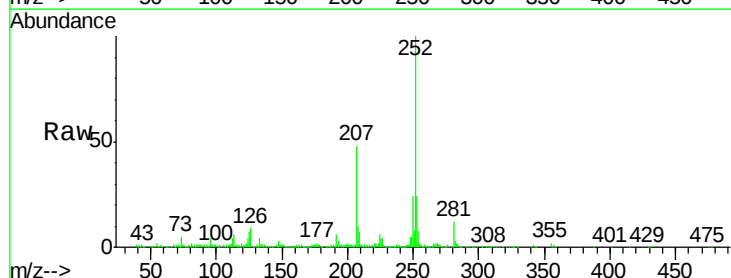
Delta R.T. -0.04 min

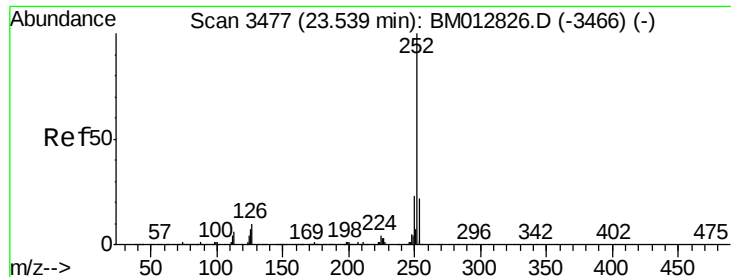
Lab File: BM012827.D

Acq: 08 Nov 2017 18:44

Tgt Ion:252 Resp: 461101

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.3	25.9
125	7.1	8.2	12.2#





#90

Benzo(a)pyrene

Concen: 6.74 ng/ul

RT: 23.44 min Scan# 3461

Delta R.T. -0.09 min

Lab File: BM012827.D

Acq: 08 Nov 2017 18:44

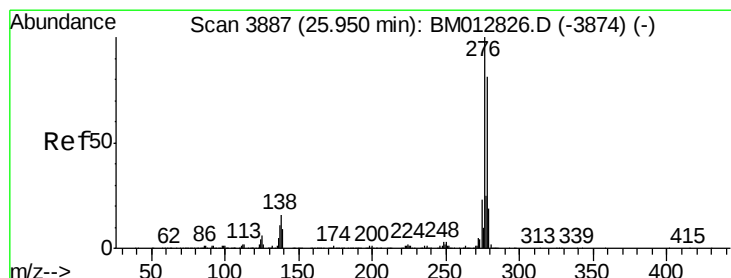
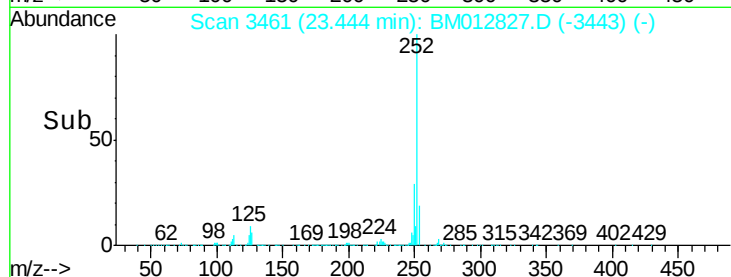
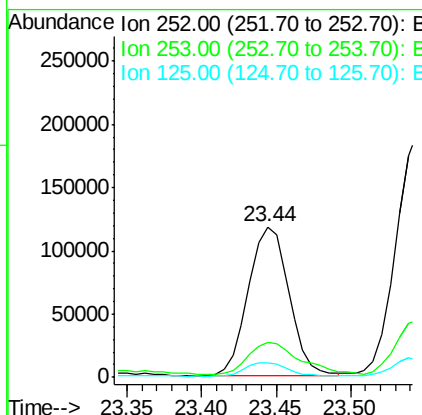
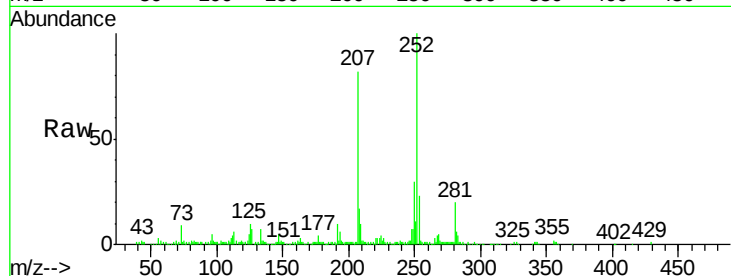
Instrument :

BNA_M

ClientSampleId :

B-17(5-6.5)-101717

Tot Ion:	252	Resp:	224227
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	9.9	9.0	13.6



#91

Indeno(1,2,3-cd)pyrene

Concen: 6.35 ng/ul

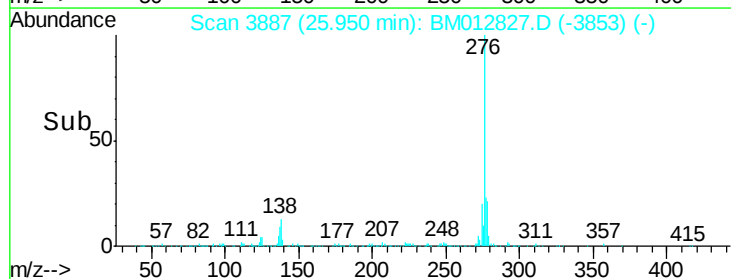
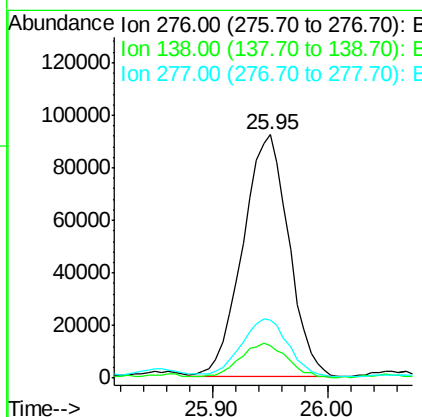
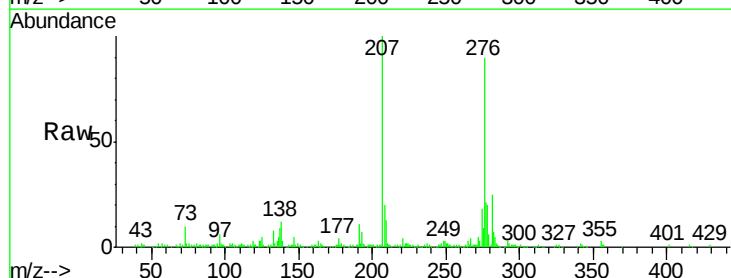
RT: 25.95 min Scan# 3887

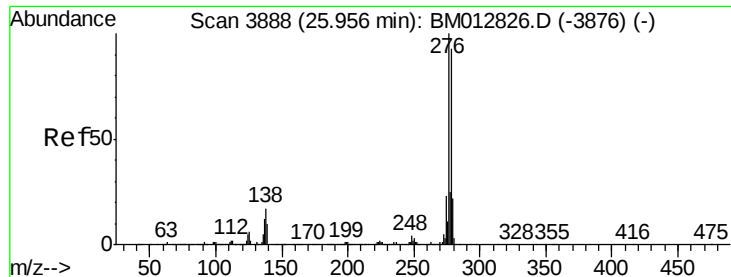
Delta R.T. -0.00 min

Lab File: BM012827.D

Acq: 08 Nov 2017 18:44

Tgt Ion:	276	Resp:	254546
Ion	Ratio	Lower	Upper
276	100		
138	13.5	22.3	33.5#
277	23.6	20.2	30.2





#92

Dibenzo(a,h)anthracene

Concen: 1.94 ng/ul

RT: 25.95 min Scan# 3887

Delta R.T. -0.01 min

Lab File: BM012827.D

Acq: 08 Nov 2017 18:44

Instrument :

BNA_M

ClientSampleId :

B-17(5-6.5)-101717

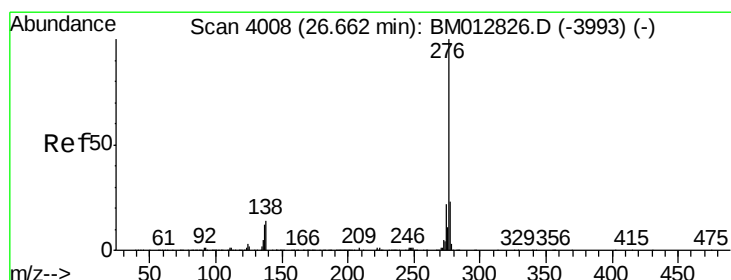
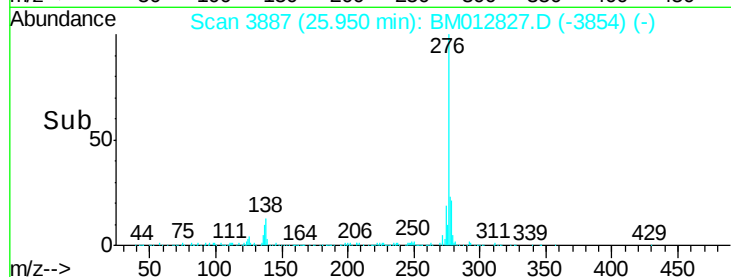
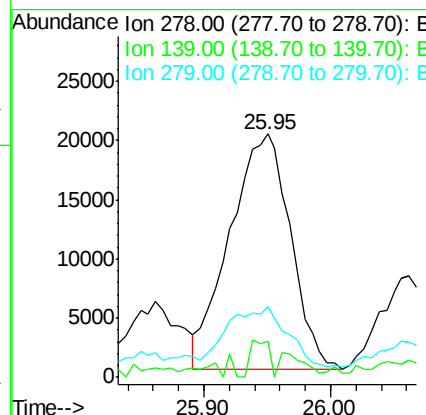
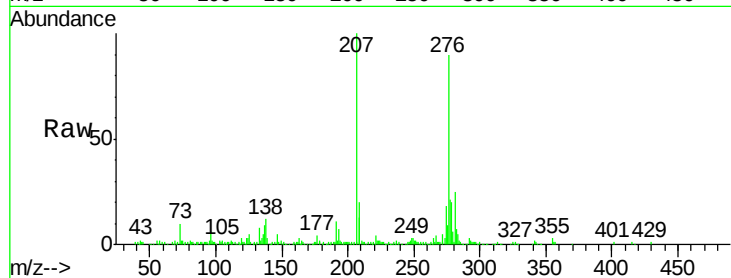
Tot Ion:278 Resp: 65832

Ion Ratio Lower Upper

278 100

139 15.0 13.9 20.9

279 28.8 19.0 28.4#



#93

Benzo(g,h,i)perylene

Concen: 6.48 ng/ul

RT: 26.66 min Scan# 4007

Delta R.T. -0.01 min

Lab File: BM012827.D

Acq: 08 Nov 2017 18:44

Tgt Ion:276 Resp: 213998

Ion Ratio Lower Upper

276 100

138 13.2 18.9 28.3#

277 22.8 19.2 28.8

