

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121517\
 Data File : BM013459.D
 Acq On : 16 Dec 2017 03:29
 Operator : SJ/JU
 Sample : I6779-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A96

Quant Time: Dec 16 04:52:11 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 16 00:23:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	205729	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	922808	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	577088	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1338685	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1391186	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	1102286	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	21022	5.06	ng/uL	0.00
5) Phenol-d5	6.85	99	469117	26.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	291355	28.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	384950	27.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	417286	27.44	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	211414	28.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	236054	30.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	431799	26.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	555216	37.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1490050	29.02	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1829089	28.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	175773	19.70	ng/ul	0.00
57) Fluorene-d10	15.32	176	1268573	28.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	147202	17.48	ng/ul	0.00
70) Anthracene-d10	17.16	188	2039002	30.41	ng/ul	0.00
76) Pyrene-d10	19.47	212	2381023	34.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1784452	31.78	ng/ul	0.00

Target Compounds

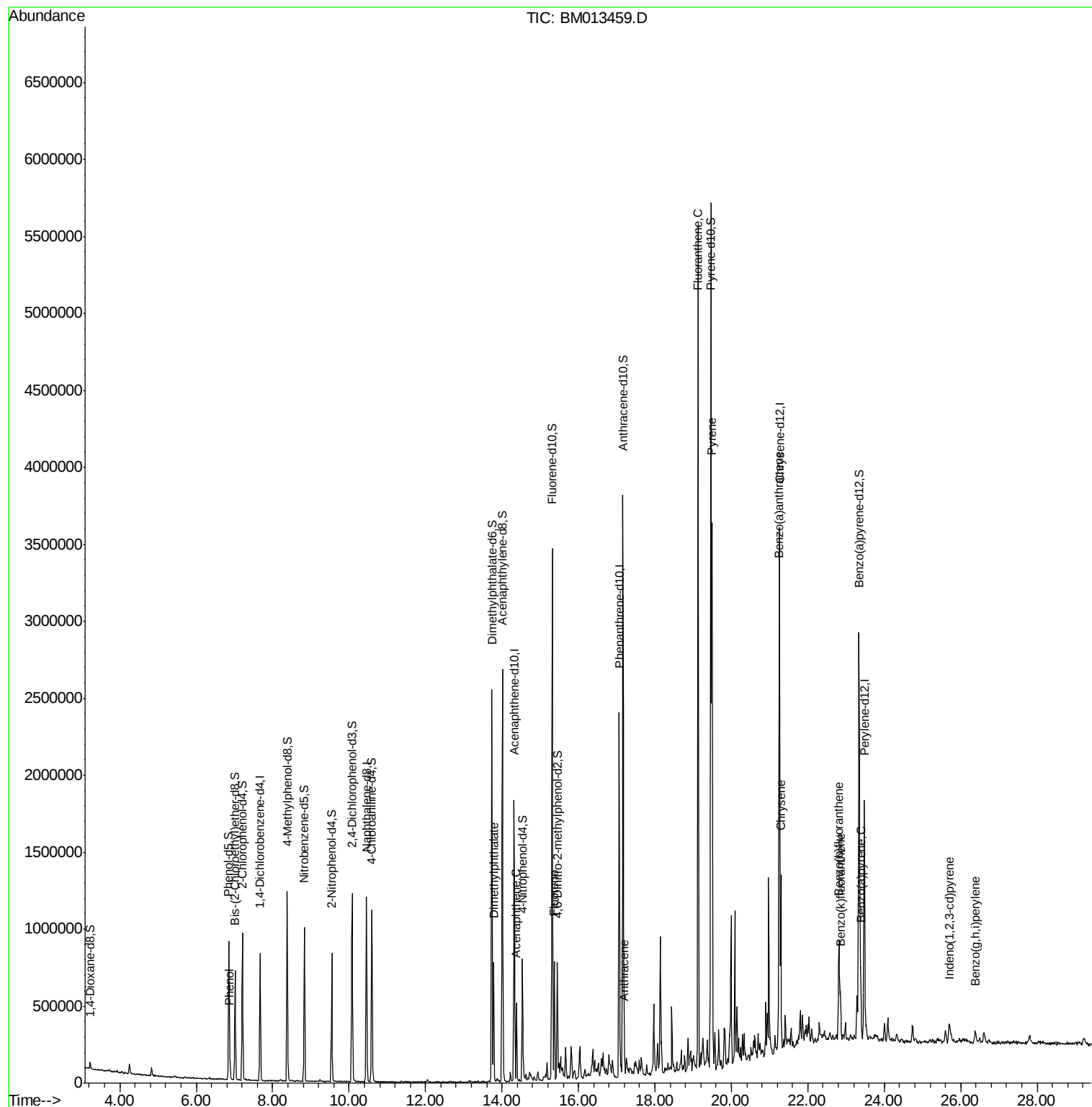
					Ovalue	
6) Phenol	6.88	94	53088	3.017	ng/ul	93
44) Dimethylphthalate	13.78	163	452111	9.205	ng/ul	98
49) Acenaphthene	14.38	153	189479	4.743	ng/ul	96
58) Fluorene	15.37	166	300793	6.165	ng/ul	99
71) Anthracene	17.20	178	102139	1.314	ng/ul	99
74) Fluoranthene	19.13	202	3313220	35.549	ng/ul#	94
77) Pyrene	19.49	202	2282650	27.008	ng/ul#	91
80) Benzo(a)anthracene	21.24	228	716726	8.120	ng/ul	99
82) Chrysene	21.29	228	645377	7.881	ng/ul	98
85) Benzo(b)fluoranthene	22.82	252	527603	7.100	ng/ul#	95
86) Benzo(k)fluoranthene	22.86	252	148613	2.125	ng/ul#	98
88) Benzo(a)pyrene	23.38	252	286787	4.296	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.70	276	116476	1.759	ng/ul	100
91) Benzo(g,h,i)perylene	26.39	276	86156	1.649	ng/ul#	95

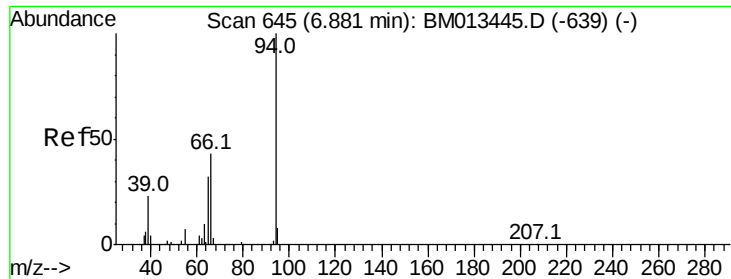
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121517\
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.017 ng/ul

RT: 6.88 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM013459.D

Acq: 16 Dec 2017 03:29

Instrument :

BNA_M

ClientSampleId :

F9A96

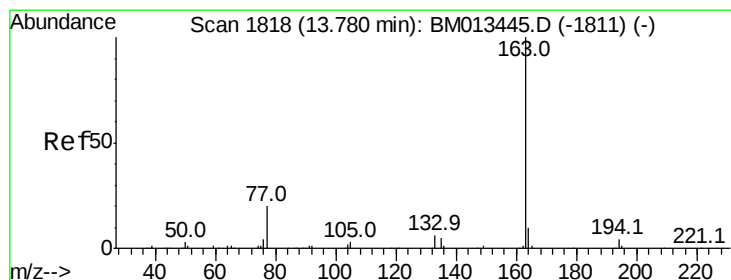
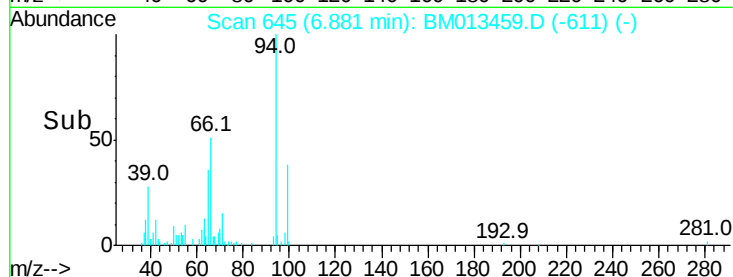
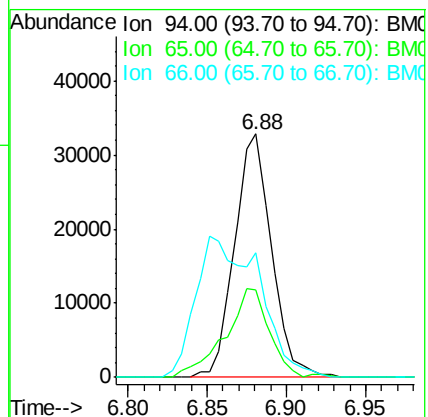
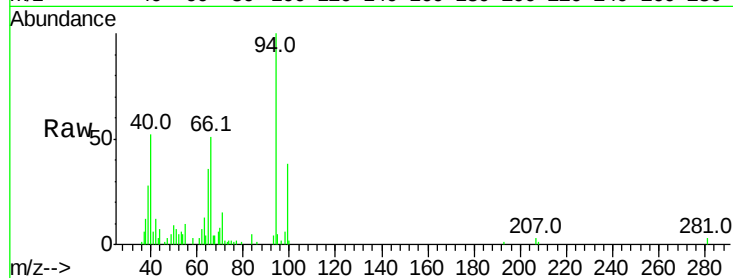
Tot Ion: 94 Resp: 53088

Ion Ratio Lower Upper

94 100

65 35.7 28.2 42.4

66 51.4 47.2 70.8



#44

Dimethylphthalate

Concen: 9.205 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BM013459.D

Acq: 16 Dec 2017 03:29

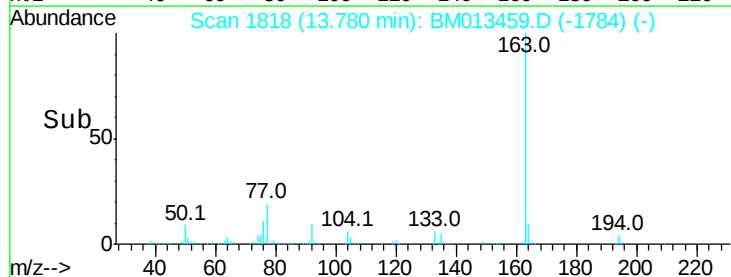
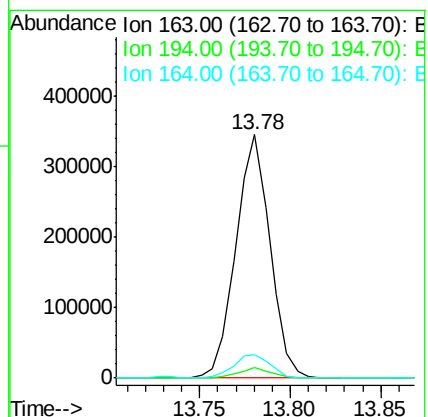
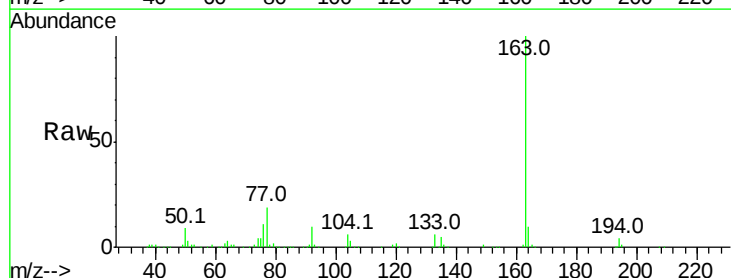
Tgt Ion: 163 Resp: 452111

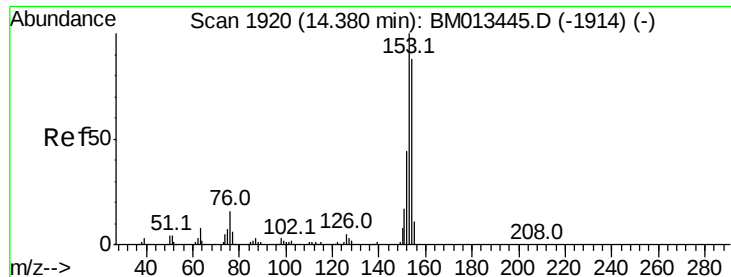
Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 9.5 8.2 12.4





#49

Acenaphthene

Concen: 4.743 ng/ul

RT: 14.38 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BM013459.D

Acq: 16 Dec 2017 03:29

Instrument :

BNA_M

ClientSampleId :

F9A96

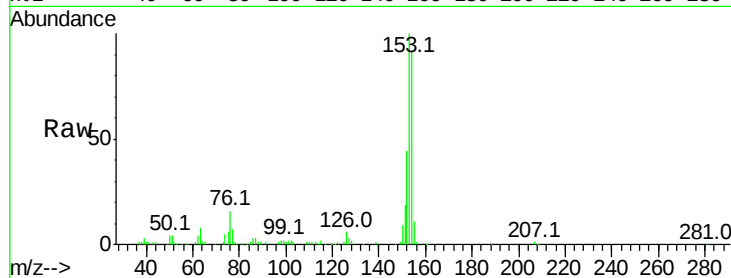
Tot Ion:153 Resp: 189479

Ion Ratio Lower Upper

153 100

152 44.3 37.6 56.4

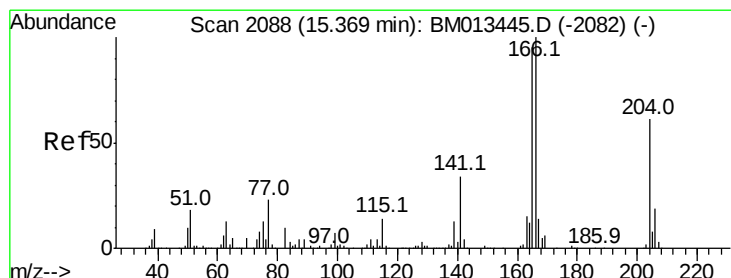
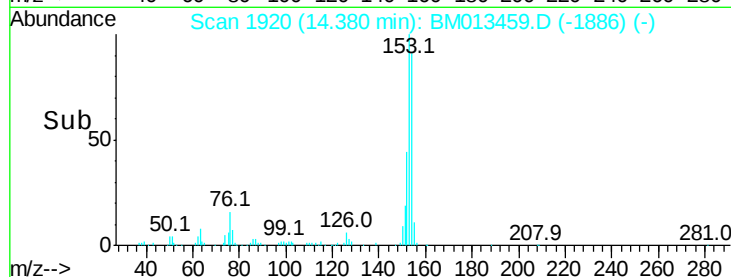
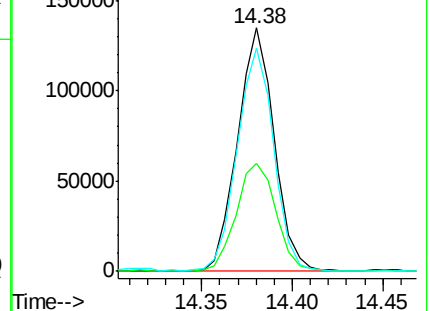
154 91.4 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#58

Fluorene

Concen: 6.165 ng/ul

RT: 15.37 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BM013459.D

Acq: 16 Dec 2017 03:29

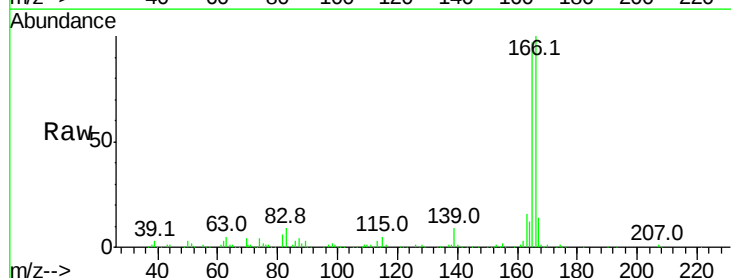
Tgt Ion:166 Resp: 300793

Ion Ratio Lower Upper

166 100

165 96.5 77.9 116.9

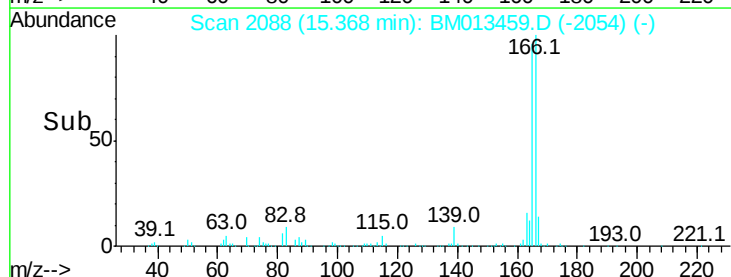
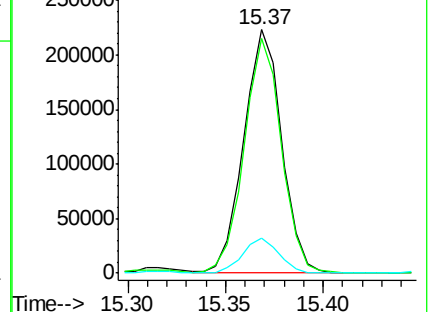
167 14.4 10.6 16.0

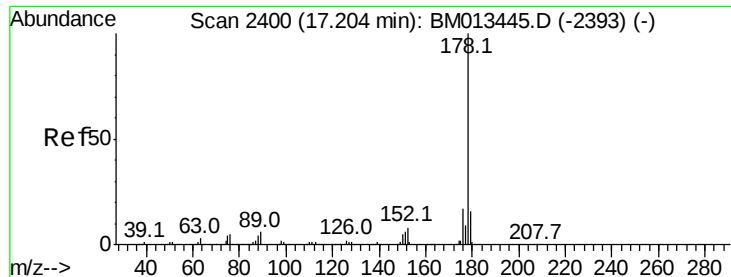


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

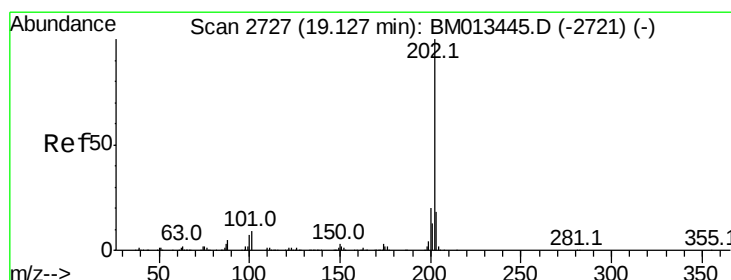
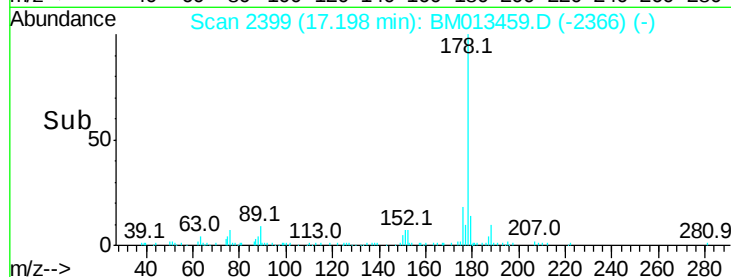
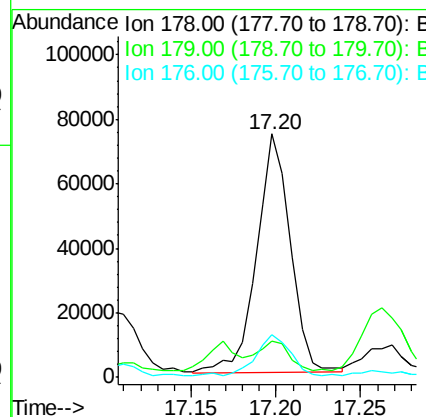
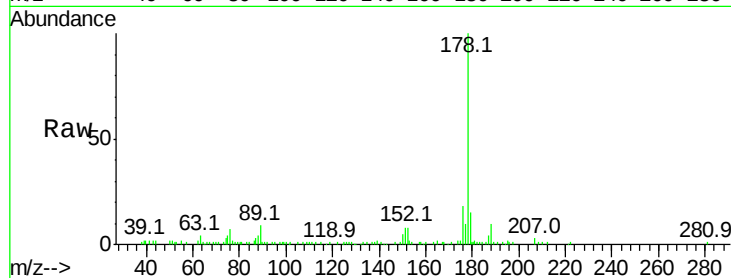




#71
 Anthracene
 Concen: 1.314 ng/ul
 RT: 17.20 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BM013459.D
 Acq: 16 Dec 2017 03:29

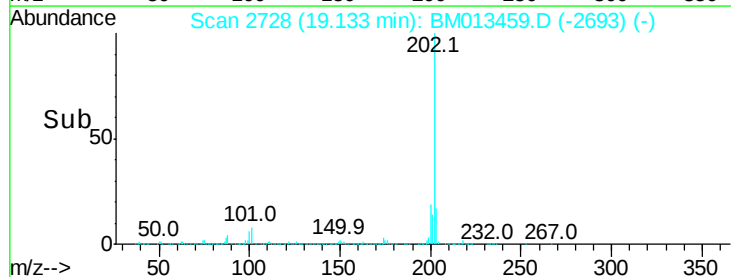
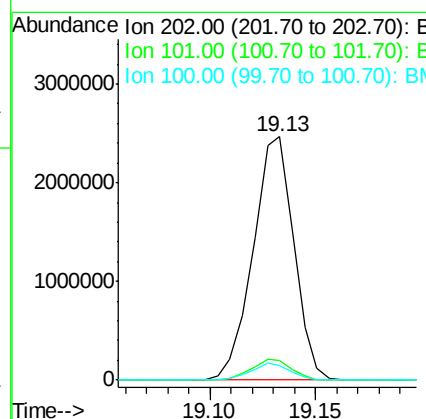
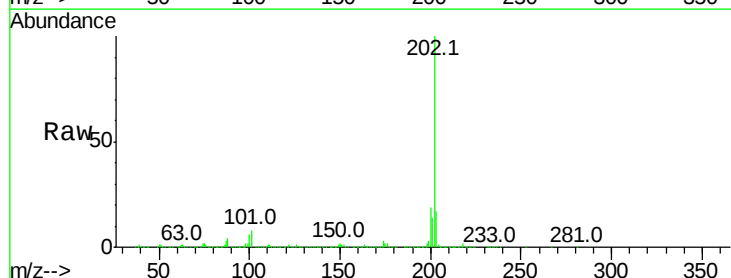
Instrument :
 BNA_M
 ClientSampleId :
 F9A96

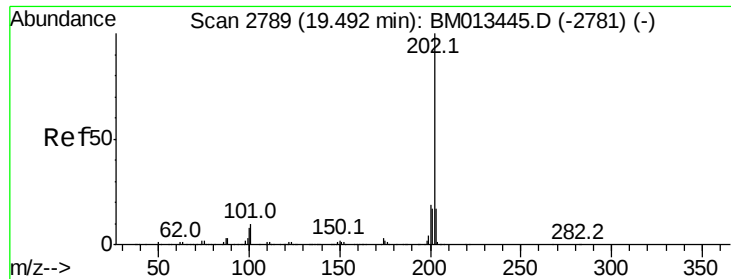
Tot Ion	Ratio	Lower	Upper
178	100		
179	14.7	11.7	17.5
176	17.8	14.6	21.8



#74
 Fluoranthene
 Concen: 35.549 ng/ul
 RT: 19.13 min Scan# 2728
 Delta R.T. 0.01 min
 Lab File: BM013459.D
 Acq: 16 Dec 2017 03:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	4.6	7.0#
100	6.1	3.4	5.2#

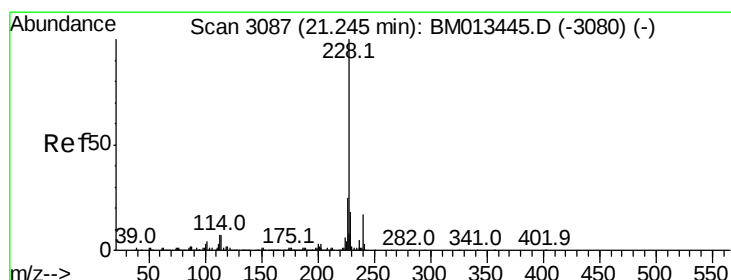
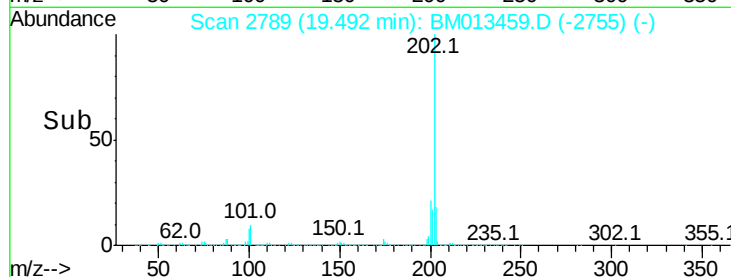
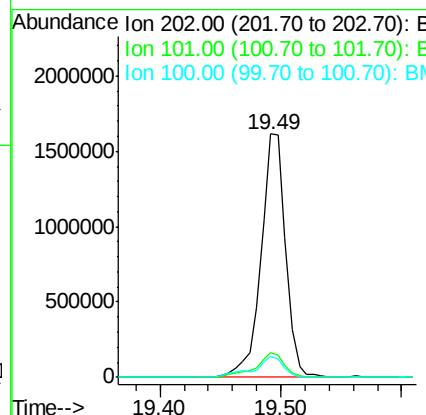
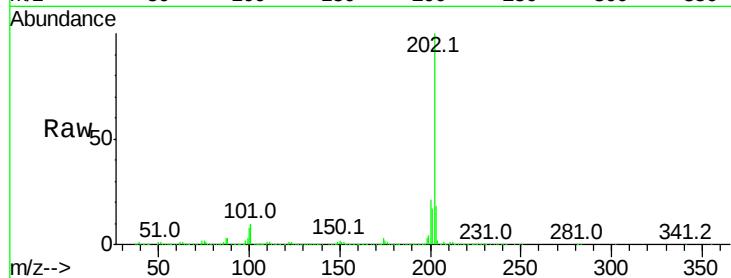




#77
 Pvrene
 Concen: 27.008 ng/ul
 RT: 19.49 min Scan# 2789
 Delta R.T. -0.00 min
 Lab File: BM013459.D
 Acq: 16 Dec 2017 03:29

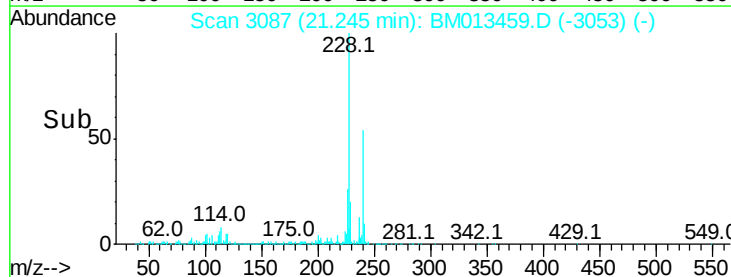
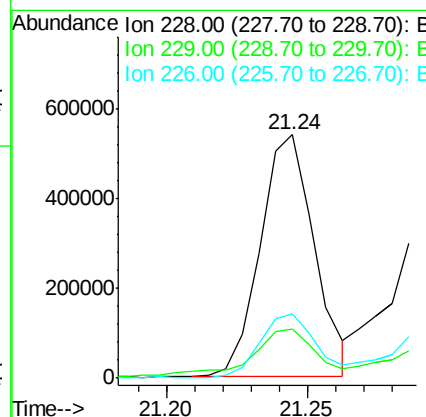
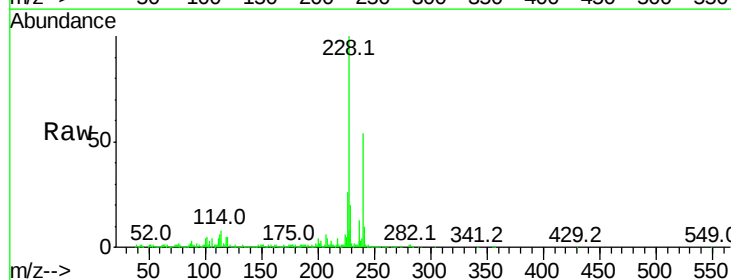
Instrument :
 BNA_M
 ClientSampleId :
 F9A96

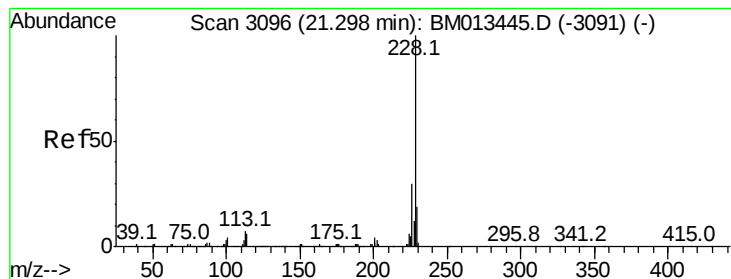
Tot Ion:202 Resp: 2282650
 Ion Ratio Lower Upper
 202 100
 101 10.1 5.1 7.7#
 100 8.5 4.9 7.3#



#80
 Benzo(a)anthracene
 Concen: 8.120 ng/ul
 RT: 21.24 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: BM013459.D
 Acq: 16 Dec 2017 03:29

Tgt Ion:228 Resp: 716726
 Ion Ratio Lower Upper
 228 100
 229 20.1 15.4 23.0
 226 26.4 21.4 32.0





#82

Chrysene

Concen: 7.881 ng/ul

RT: 21.29 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM013459.D

Acq: 16 Dec 2017 03:29

Instrument :

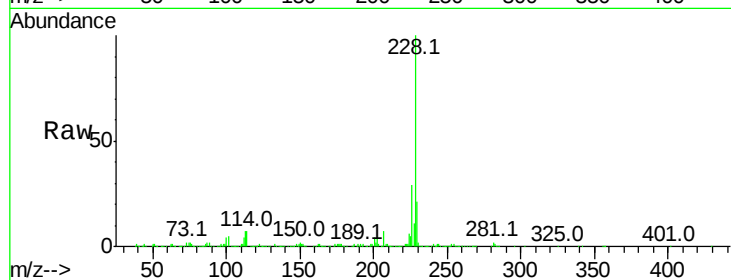
BNA_M

ClientSampleId :

F9A96

Tot Ion:228 Resp: 645377

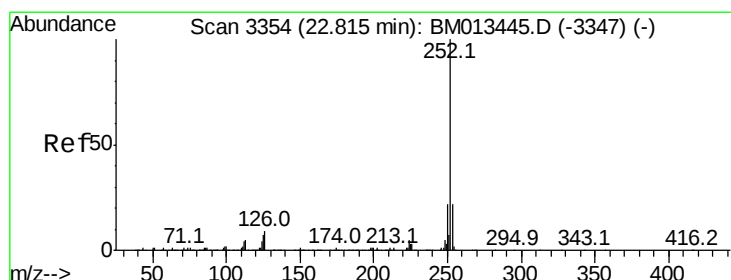
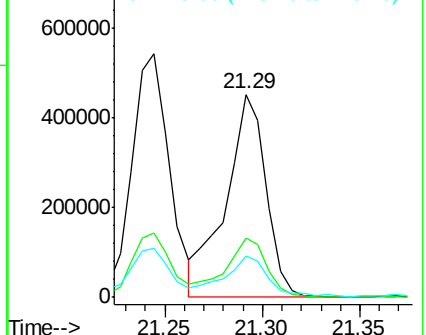
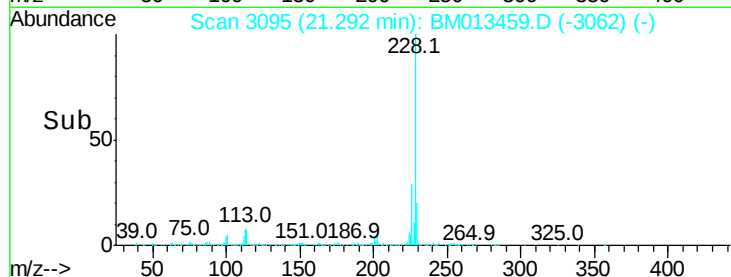
Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.2
229	20.7	15.5	23.3



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: 7.100 ng/ul

RT: 22.82 min Scan# 3354

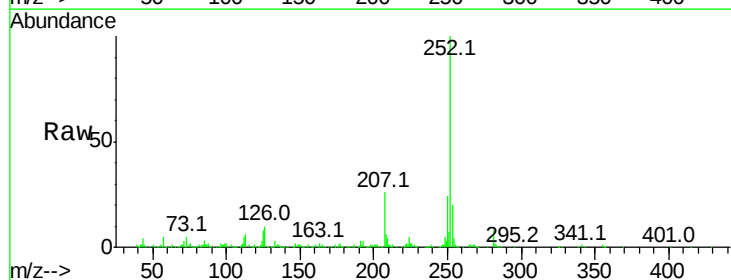
Delta R.T. -0.00 min

Lab File: BM013459.D

Acq: 16 Dec 2017 03:29

Tgt Ion:252 Resp: 527603

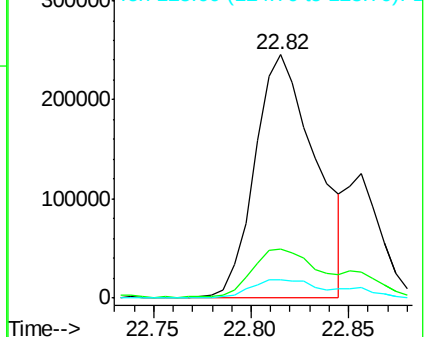
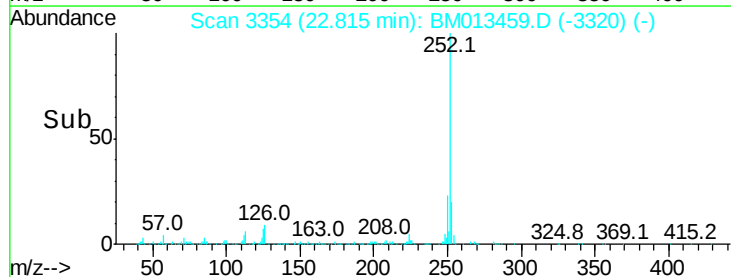
Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.9	26.9
125	7.8	3.6	5.4#

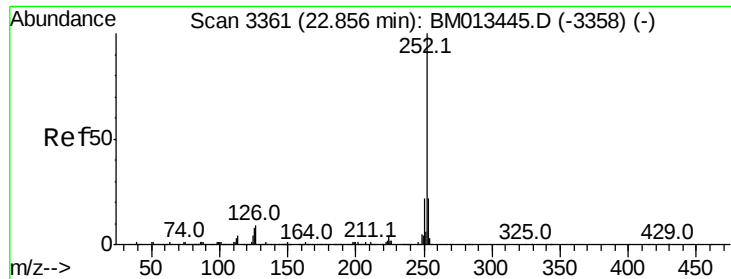


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 2.125 ng/ul

RT: 22.86 min Scan# 3361

Delta R.T. -0.00 min

Lab File: BM013459.D

Acq: 16 Dec 2017 03:29

Instrument :

BNA_M

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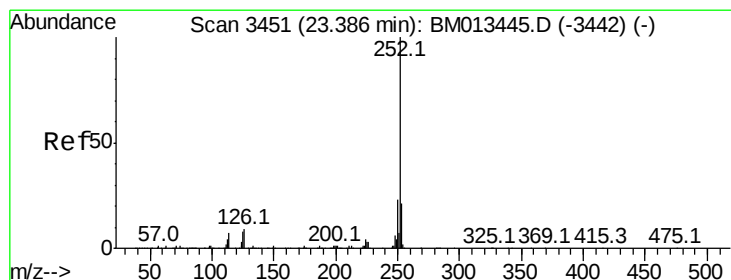
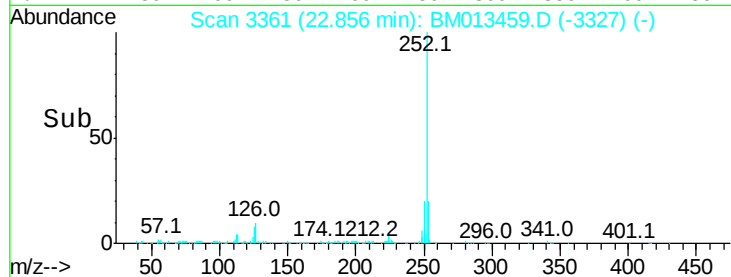
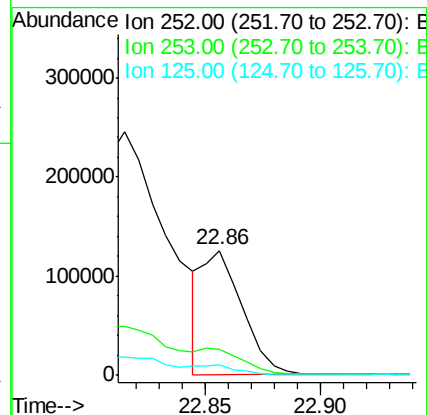
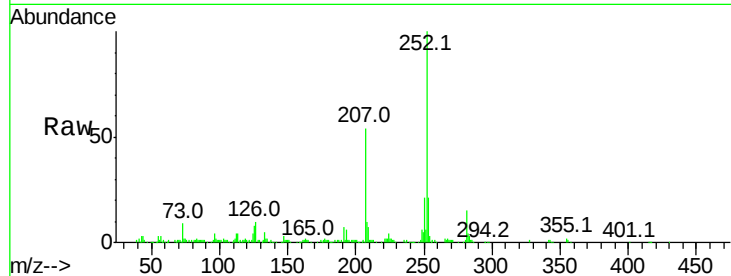
Tot Ion:252 Resp: 148613

Ion Ratio Lower Upper

252 100

253 21.2 17.1 25.7

125 8.0 3.4 5.2#



#88

Benzo(a)pyrene

Concen: 4.296 ng/ul

RT: 23.38 min Scan# 3450

Delta R.T. -0.01 min

Lab File: BM013459.D

Acq: 16 Dec 2017 03:29

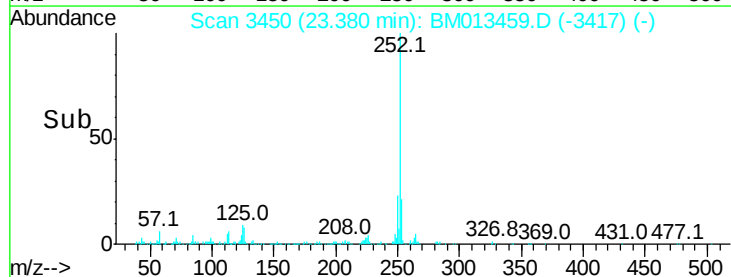
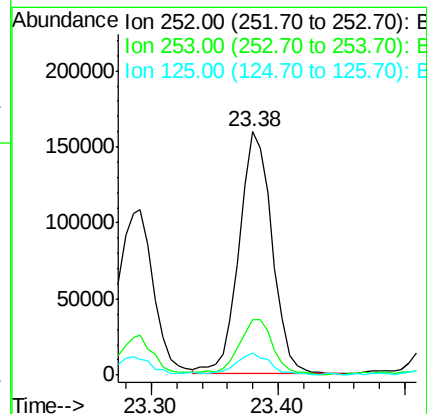
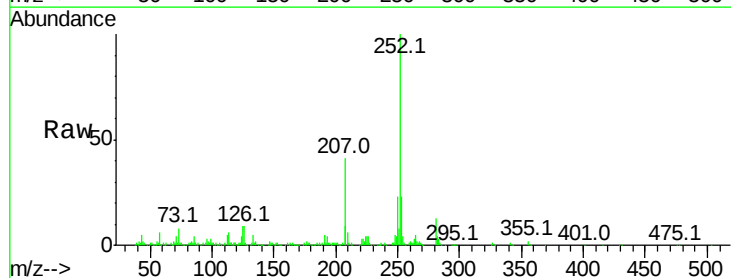
Tgt Ion:252 Resp: 286787

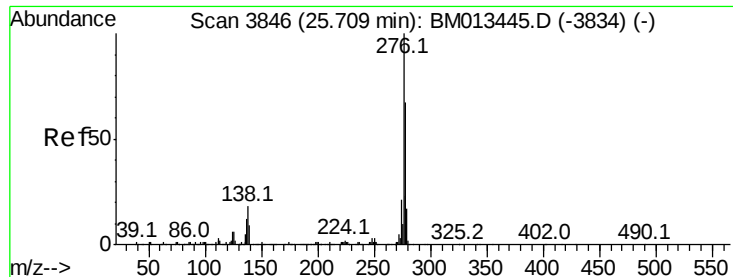
Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

125 9.2 4.0 6.0#



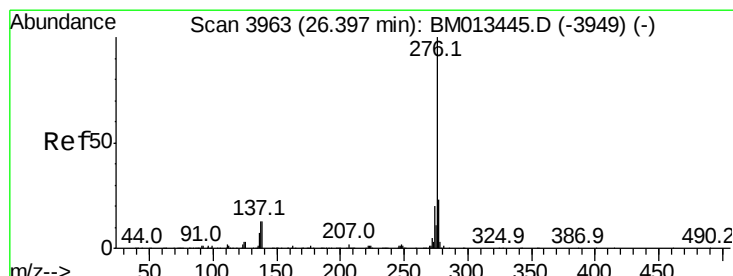
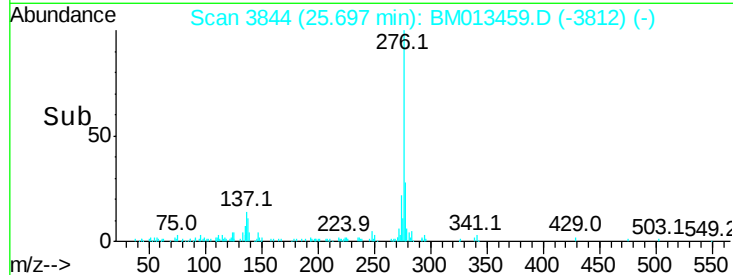
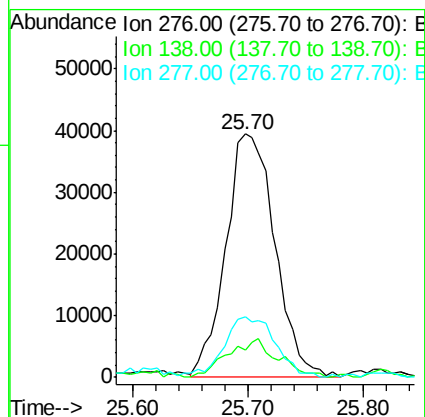
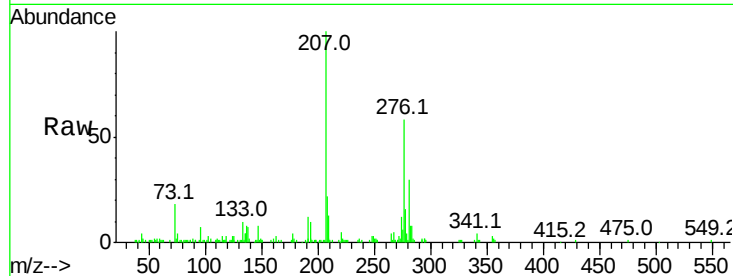


#89

Indeno(1,2,3-cd)pyrene
Concen: 1.759 ng/ul
RT: 25.70 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BM013459.D
Acq: 16 Dec 2017 03:29

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
276	100		
138	11.3	9.3	13.9
277	24.9	19.9	29.9



#91

Benzo(g,h,i)perylene
Concen: 1.649 ng/ul
RT: 26.39 min Scan# 3961
Delta R.T. -0.01 min
Lab File: BM013459.D
Acq: 16 Dec 2017 03:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.2	8.5	12.7#
277	23.4	18.6	28.0

