

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120817\
 Data File : BM013293.D
 Acq On : 09 Dec 2017 05:56
 Operator : SJ/JU
 Sample : I6758-17
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B18

Quant Time: Dec 11 01:50:30 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 23:45:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	241163	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1055346	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	656534	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1486721	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1491904	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1268418	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	20125	4.13	ng/uL	0.00
5) Phenol-d5	6.87	99	473790	22.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	288920	24.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	383665	23.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	421915	23.67	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	212374	25.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	241503	26.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	434165	23.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	482305	28.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1510032	25.85	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1720342	23.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	214270	21.11	ng/ul	0.00
57) Fluorene-d10	15.33	176	1257176	25.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	204118	21.82	ng/ul	0.00
70) Anthracene-d10	17.18	188	1878517	25.23	ng/ul	0.00
76) Pyrene-d10	19.48	212	1990542	26.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1534180	23.75	ng/ul	0.00

Target Compounds

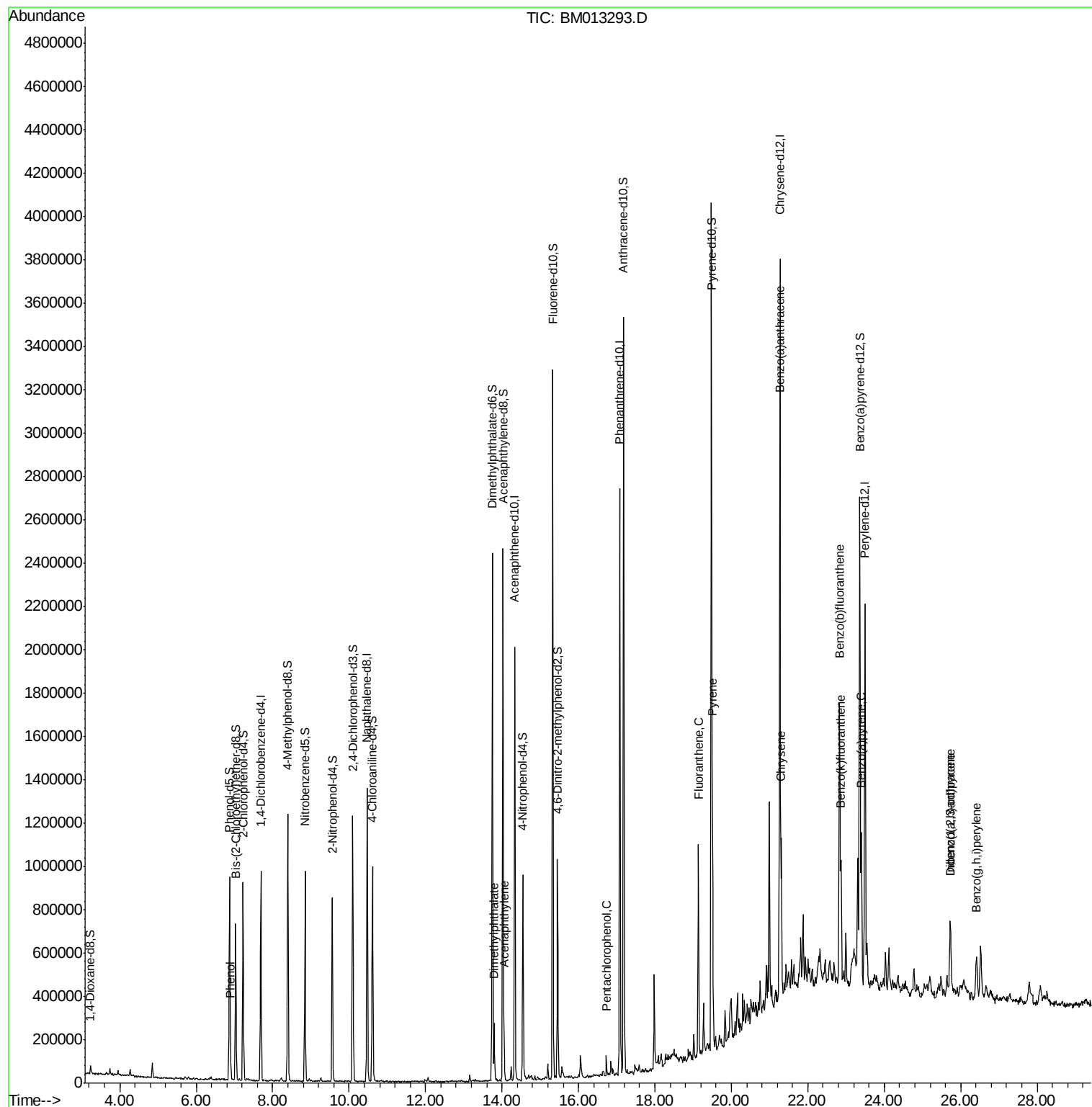
					Ovalue	
6) Phenol	6.90	94	48487	2.351	ng/ul#	81
44) Dimethylphthalate	13.79	163	144732	2.590	ng/ul	97
47) Acenaphthylene	14.05	152	108167	1.621	ng/ul	99
68) Pentachlorophenol	16.73	266	13614	1.221	ng/ul	89
74) Fluoranthene	19.14	202	540678	5.224	ng/ul#	92
77) Pyrene	19.51	202	762646	8.414	ng/ul#	96
80) Benzo(a)anthracene	21.26	228	381889	4.034	ng/ul	93
82) Chrysene	21.30	228	535936	6.103	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	960512	11.233	ng/ul#	96
86) Benzo(k)fluoranthene	22.87	252	326622	4.059	ng/ul#	97
88) Benzo(a)pyrene	23.40	252	459657	5.984	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.73	276	338061	4.436	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.73	278	89527	1.380	ng/ul#	92
91) Benzo(g,h,i)perylene	26.42	276	261033	4.342	ng/ul#	94

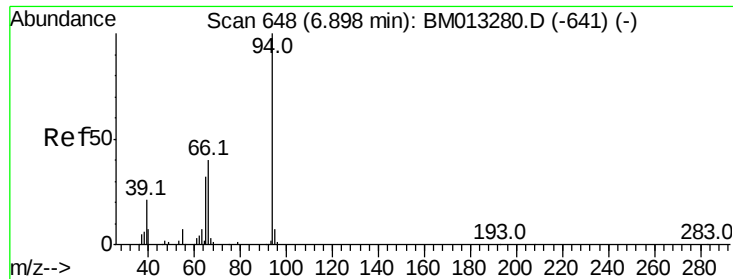
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 2.351 ng/ul

RT: 6.90 min Scan# 648

Delta R.T. 0.00 min

Lab File: BM013293.D

Acq: 09 Dec 2017 05:56

Instrument :

BNA_M

ClientSampleId :

F9B18

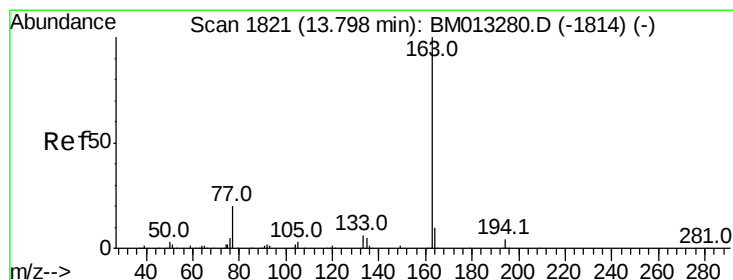
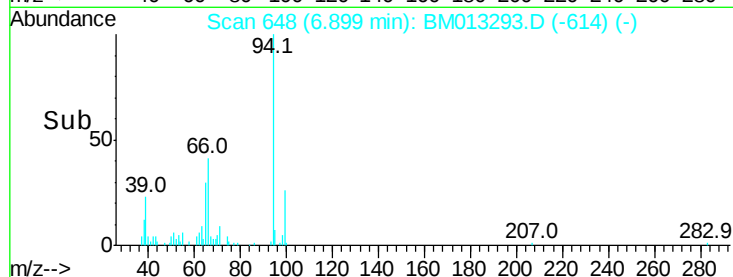
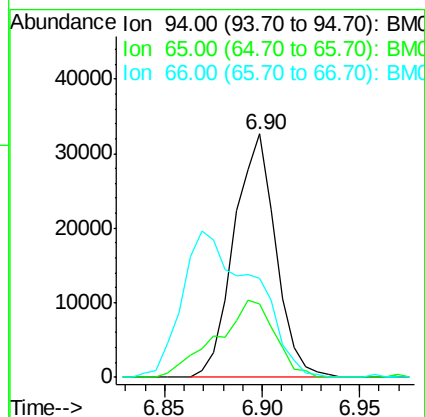
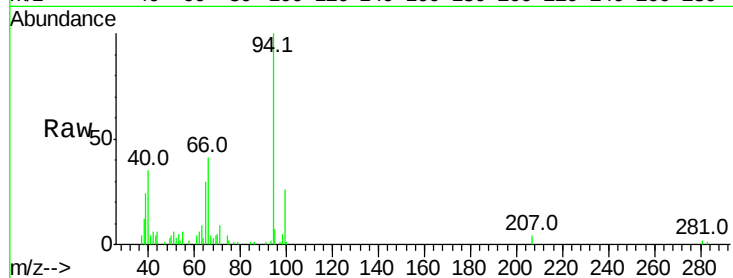
Tot Ion: 94 Resp: 48487

Ion Ratio Lower Upper

94 100

65 30.3 28.2 42.4

66 40.5 47.2 70.8#



#44

Dimethylphthalate

Concen: 2.590 ng/ul

RT: 13.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BM013293.D

Acq: 09 Dec 2017 05:56

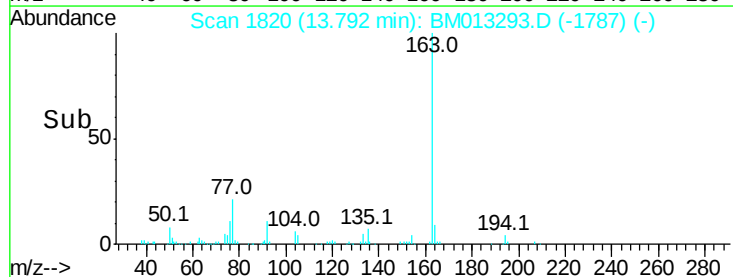
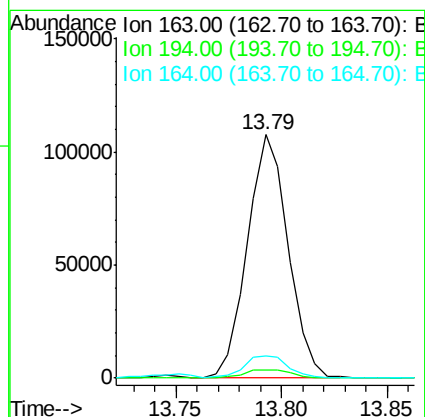
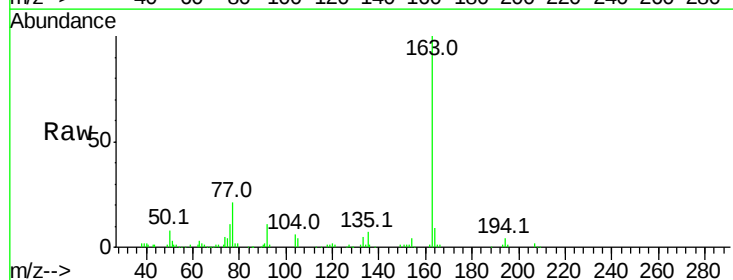
Tgt Ion: 163 Resp: 144732

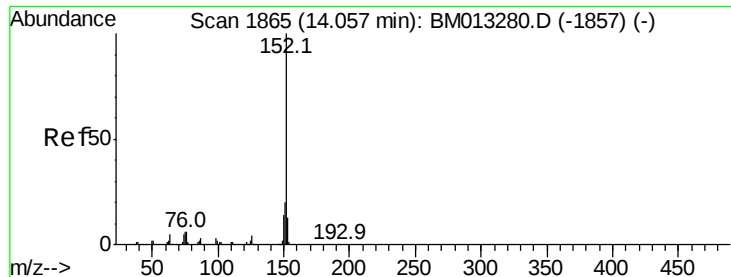
Ion Ratio Lower Upper

163 100

194 3.6 3.5 5.3

164 9.3 8.2 12.4





#47

Acenaphthylene

Concen: 1.621 ng/ul

RT: 14.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BM013293.D

Acq: 09 Dec 2017 05:56

Instrument :

BNA_M

ClientSampleId :

F9B18

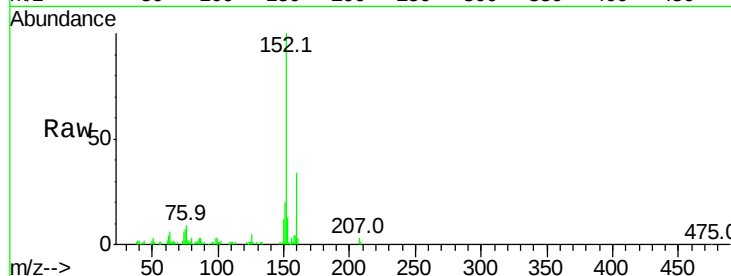
Tot Ion:152 Resp: 108167

Ion Ratio Lower Upper

152 100

151 19.5 16.3 24.5

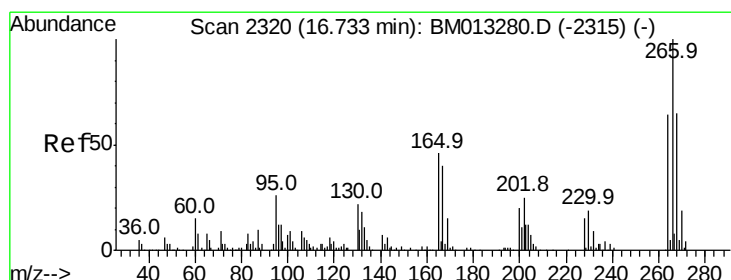
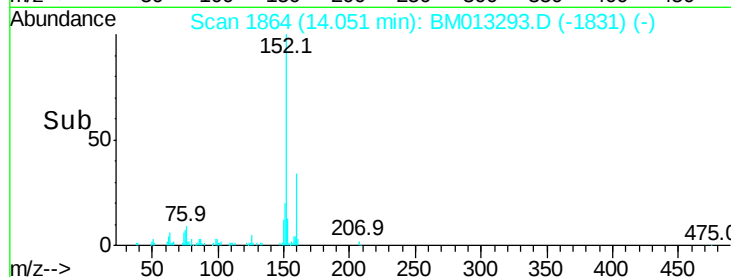
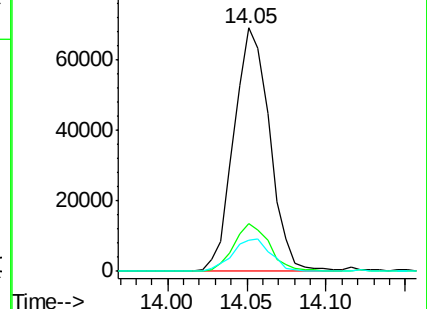
153 12.7 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#68

Pentachlorophenol

Concen: 1.221 ng/ul

RT: 16.73 min Scan# 2320

Delta R.T. 0.00 min

Lab File: BM013293.D

Acq: 09 Dec 2017 05:56

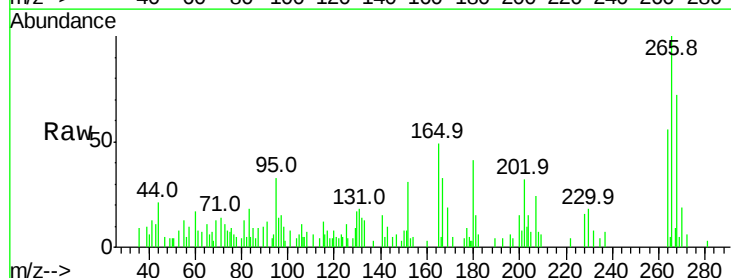
Tgt Ion:266 Resp: 13614

Ion Ratio Lower Upper

266 100

264 55.9 49.3 73.9

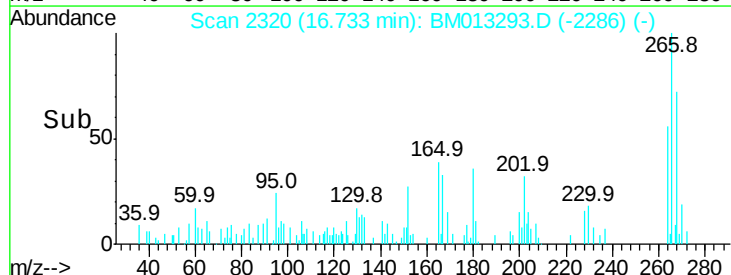
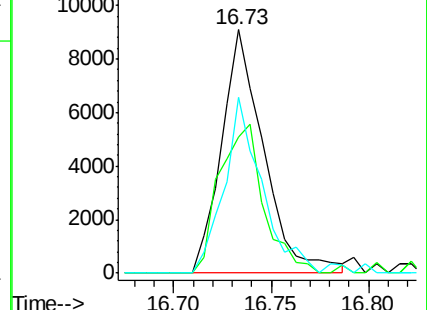
268 76.6 52.6 78.8

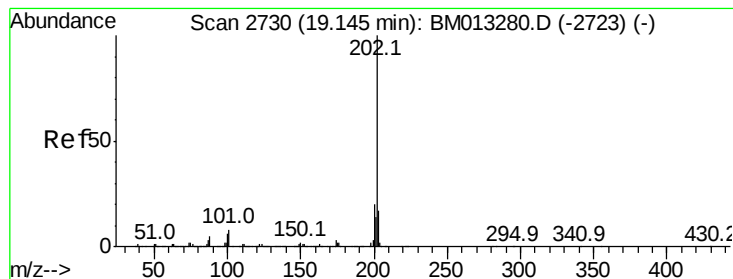


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#74

Fluoranthene

Concen: 5.224 ng/ul

RT: 19.14 min Scan# 2729

Delta R.T. -0.01 min

Lab File: BM013293.D

Acq: 09 Dec 2017 05:56

Instrument :

BNA_M

ClientSampleId :

F9B18

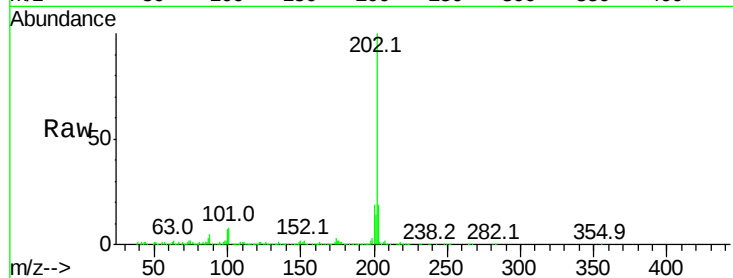
Tot Ion:202 Resp: 540678

Ion Ratio Lower Upper

202 100

101 8.1 4.6 7.0#

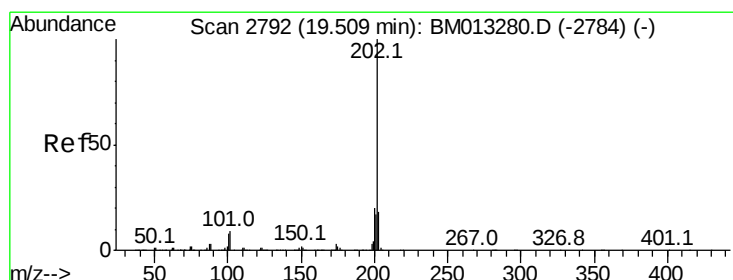
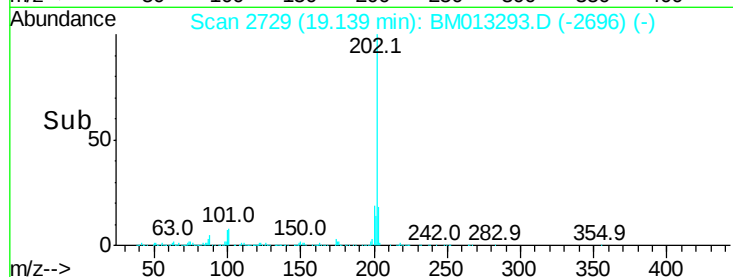
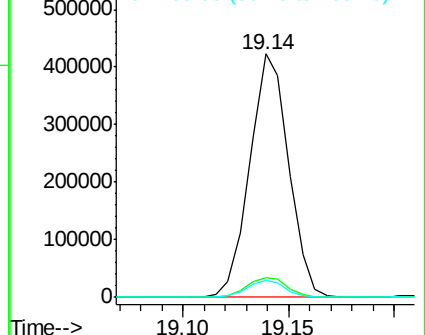
100 7.0 3.4 5.2#



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



#77

Pyrene

Concen: 8.414 ng/ul

RT: 19.51 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BM013293.D

Acq: 09 Dec 2017 05:56

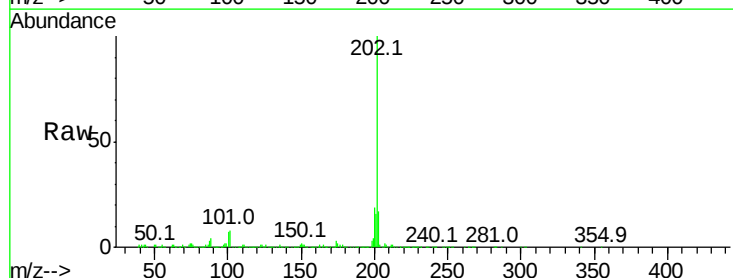
Tgt Ion:202 Resp: 762646

Ion Ratio Lower Upper

202 100

101 7.8 5.1 7.7#

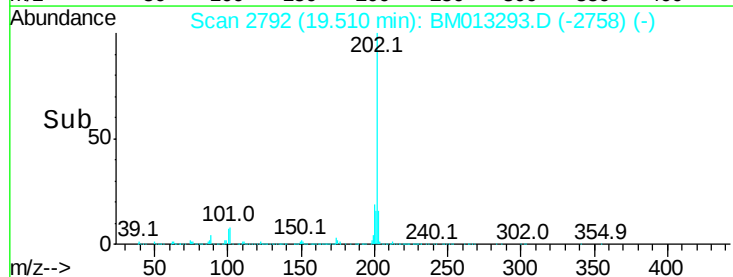
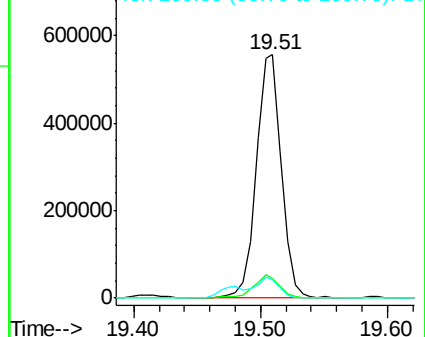
100 7.3 4.9 7.3

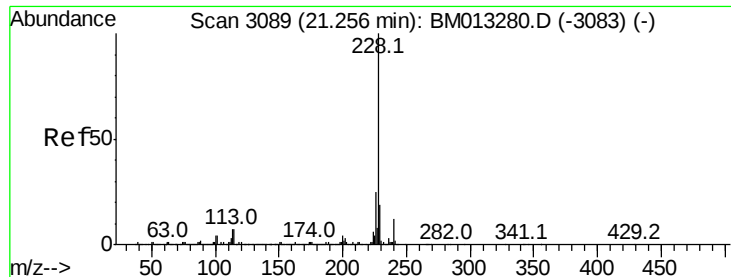


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 4.034 ng/ul

RT: 21.26 min Scan# 3089

Delta R.T. 0.00 min

Lab File: BM013293.D

Acq: 09 Dec 2017 05:56

Instrument :

BNA_M

ClientSampleId :

F9B18

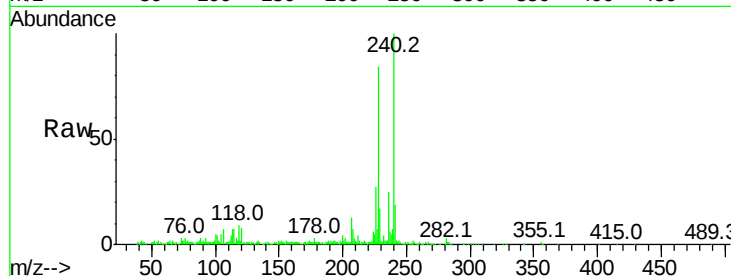
Tot Ion:228 Resp: 381889

Ion Ratio Lower Upper

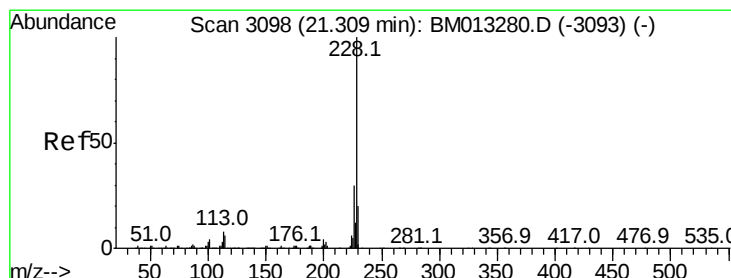
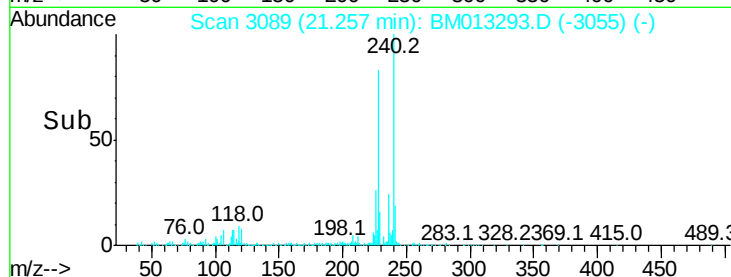
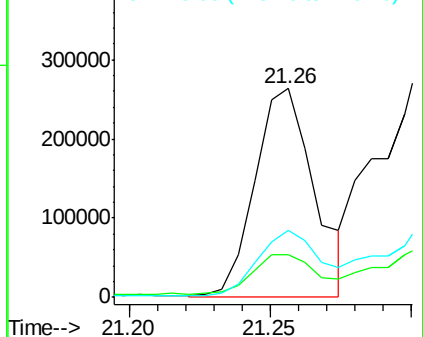
228 100

229 20.4 15.4 23.0

226 32.0 21.4 32.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#82

Chrysene

Concen: 6.103 ng/ul

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM013293.D

Acq: 09 Dec 2017 05:56

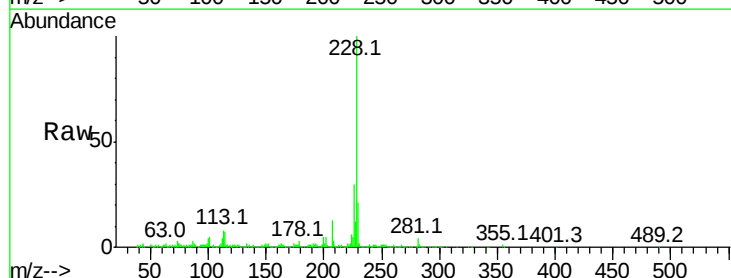
Tgt Ion:228 Resp: 535936

Ion Ratio Lower Upper

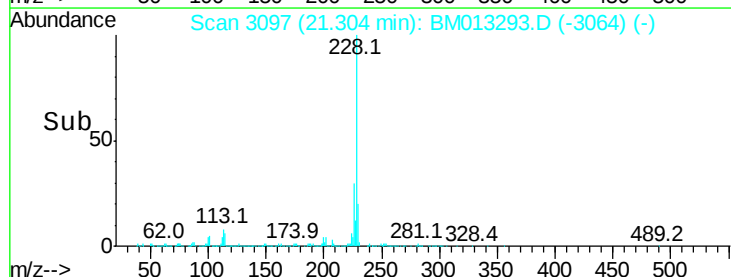
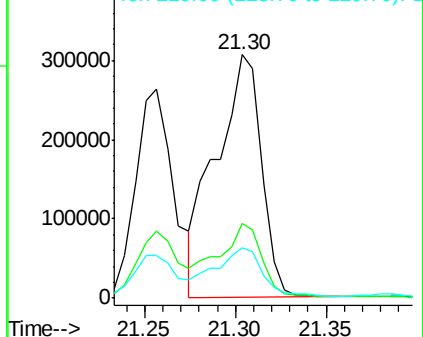
228 100

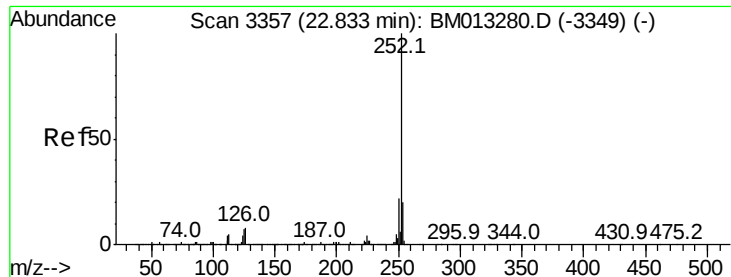
226 30.4 23.4 35.2

229 20.9 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: 11.233 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BM013293.D

Acq: 09 Dec 2017 05:56

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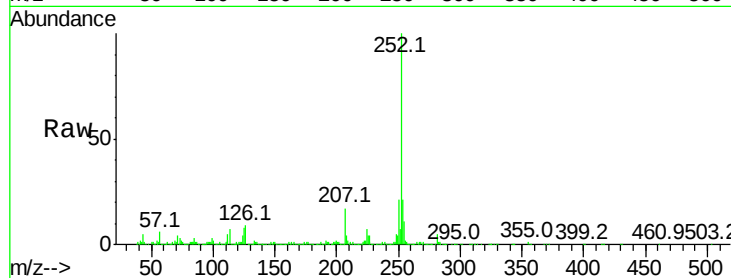
Tot Ion:252 Resp: 960512

Ion Ratio Lower Upper

252 100

253 21.2 17.9 26.9

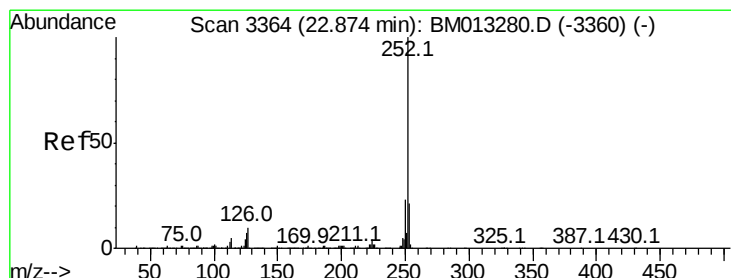
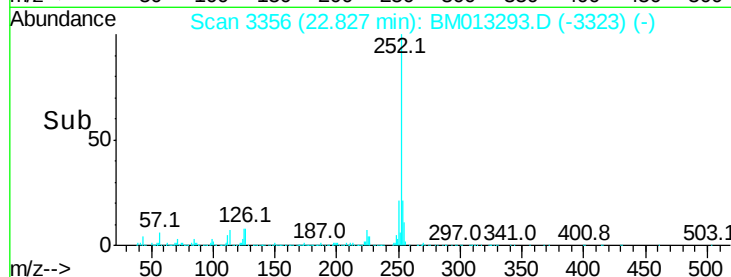
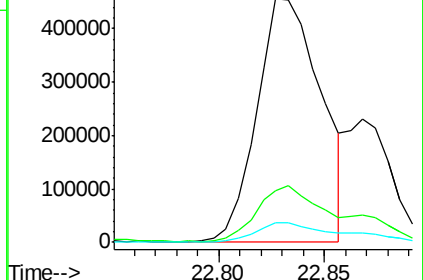
125 7.8 3.6 5.4#



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: 4.059 ng/ul

RT: 22.87 min Scan# 3363

Delta R.T. -0.01 min

Lab File: BM013293.D

Acq: 09 Dec 2017 05:56

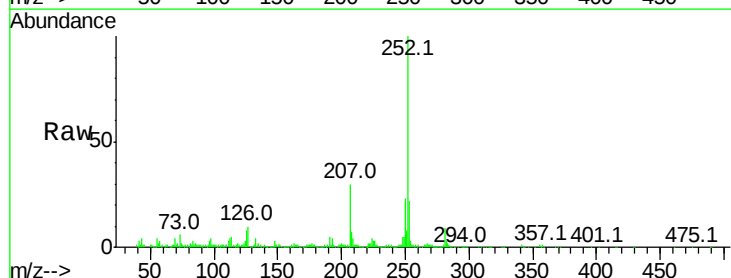
Tgt Ion:252 Resp: 326622

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

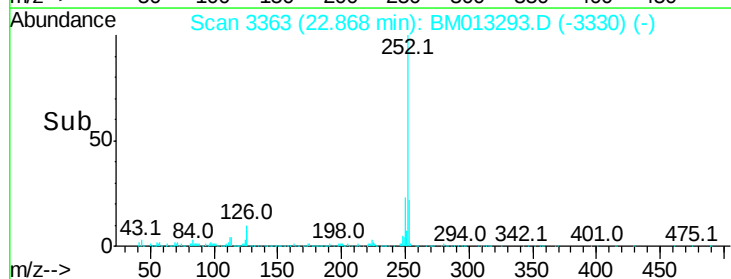
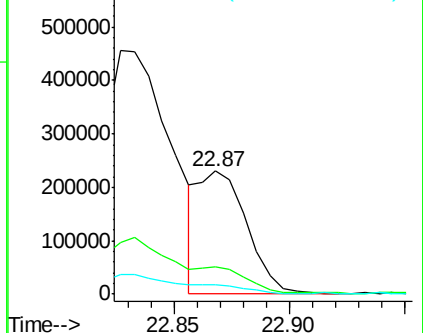
125 7.7 3.4 5.2#

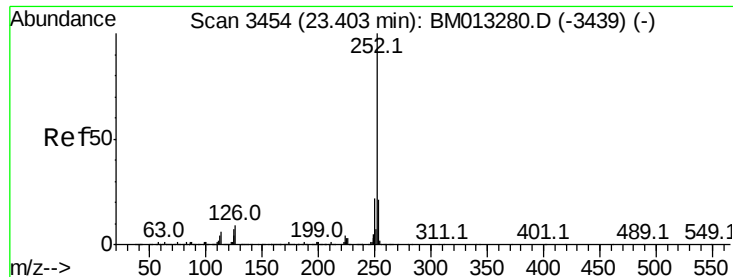


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 5.984 ng/ul

RT: 23.40 min Scan# 3454

Delta R.T. 0.00 min

Lab File: BM013293.D

Acq: 09 Dec 2017 05:56

Instrument :

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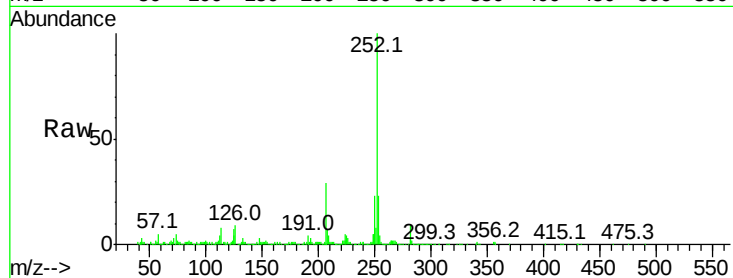
Tot Ion:252 Resp: 459657

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.2

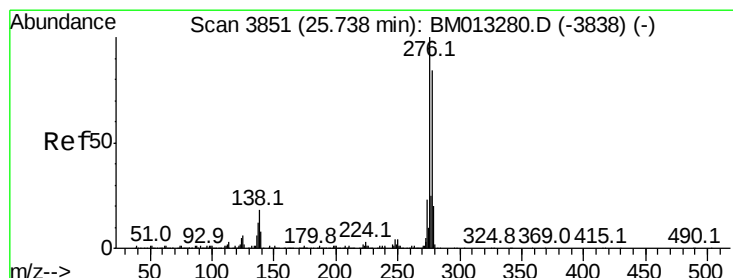
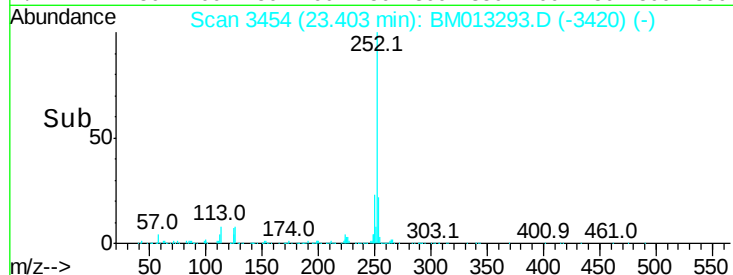
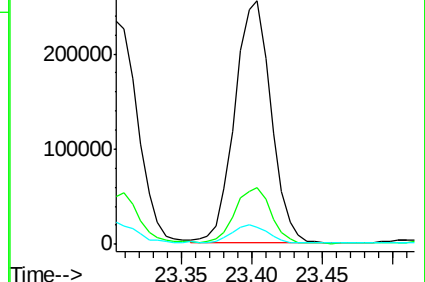
125 7.2 4.0 6.0#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 4.436 ng/ul

RT: 25.73 min Scan# 3849

Delta R.T. -0.01 min

Lab File: BM013293.D

Acq: 09 Dec 2017 05:56

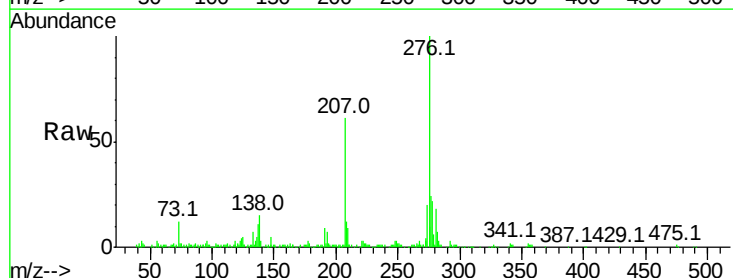
Tgt Ion:276 Resp: 338061

Ion Ratio Lower Upper

276 100

138 14.9 9.3 13.9#

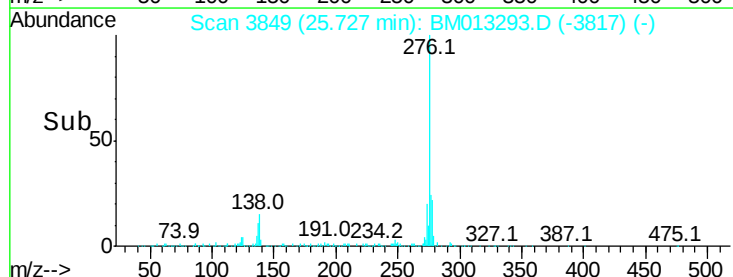
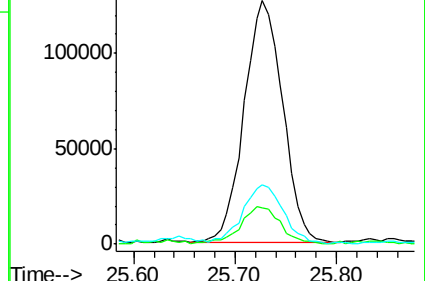
277 24.4 19.9 29.9

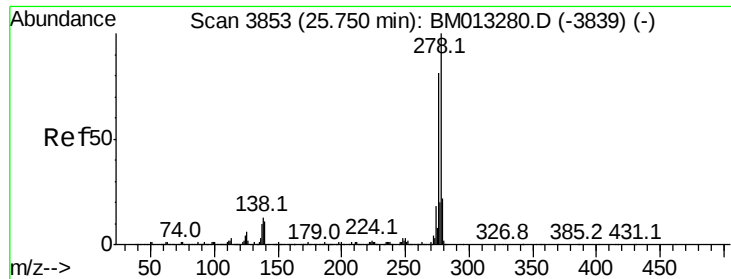


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 1.380 ng/ul

RT: 25.73 min Scan# 3849

Delta R.T. -0.02 min

Lab File: BM013293.D

Acq: 09 Dec 2017 05:56

Instrument :

BNA_M

ClientSampleId :

F9B18

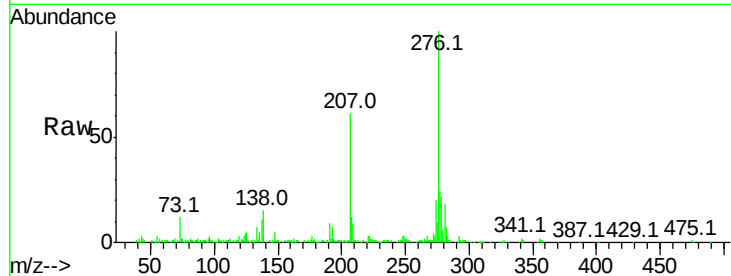
Tot Ion:278 Resp: 89527

Ion Ratio Lower Upper

278 100

139 14.0 5.8 8.8#

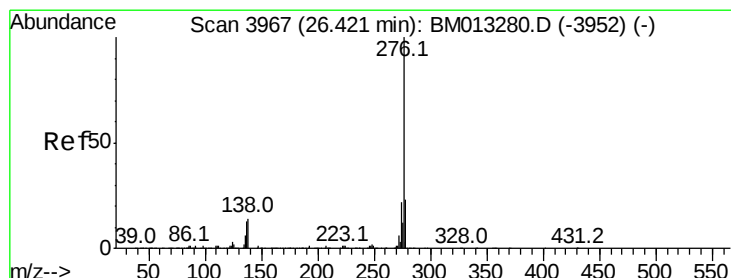
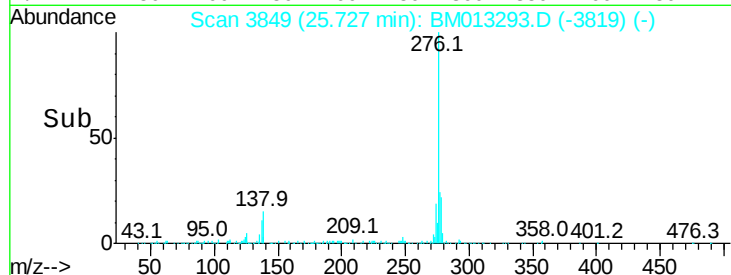
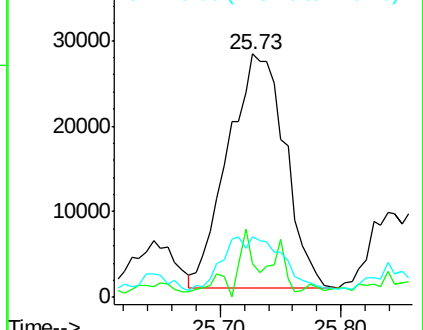
279 25.1 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 4.342 ng/ul

RT: 26.42 min Scan# 3966

Delta R.T. -0.01 min

Lab File: BM013293.D

Acq: 09 Dec 2017 05:56

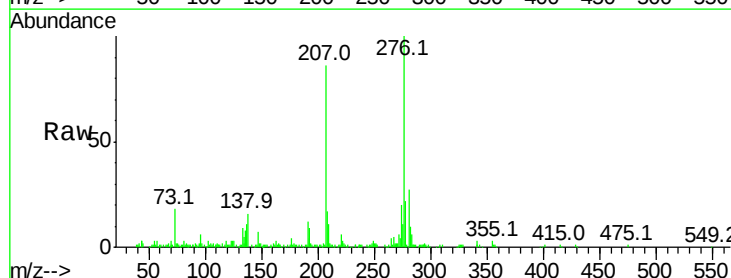
Tgt Ion:276 Resp: 261033

Ion Ratio Lower Upper

276 100

138 15.6 8.5 12.7#

277 22.1 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

