

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120817\
 Data File : BM013295.D
 Acq On : 09 Dec 2017 07:08
 Operator : SJ/JU
 Sample : I6758-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B05

Quant Time: Dec 11 00:50:16 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	244214	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1072557	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	653639	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1539007	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1703206	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1511752	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	9483	1.92	ng/uL	0.00
5) Phenol-d5	6.87	99	207504	9.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	131539	10.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	181332	10.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	160494	8.89	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	95170	11.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	102092	11.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	192032	10.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	143669	8.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	653759	11.24	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	846425	11.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	62430	6.18	ng/ul	0.00
57) Fluorene-d10	15.33	176	607556	12.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	68053	7.03	ng/ul	0.00
70) Anthracene-d10	17.18	188	927996	12.04	ng/ul	0.00
76) Pyrene-d10	19.47	212	1037951	12.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	884229	11.48	ng/ul	0.00

Target Compounds

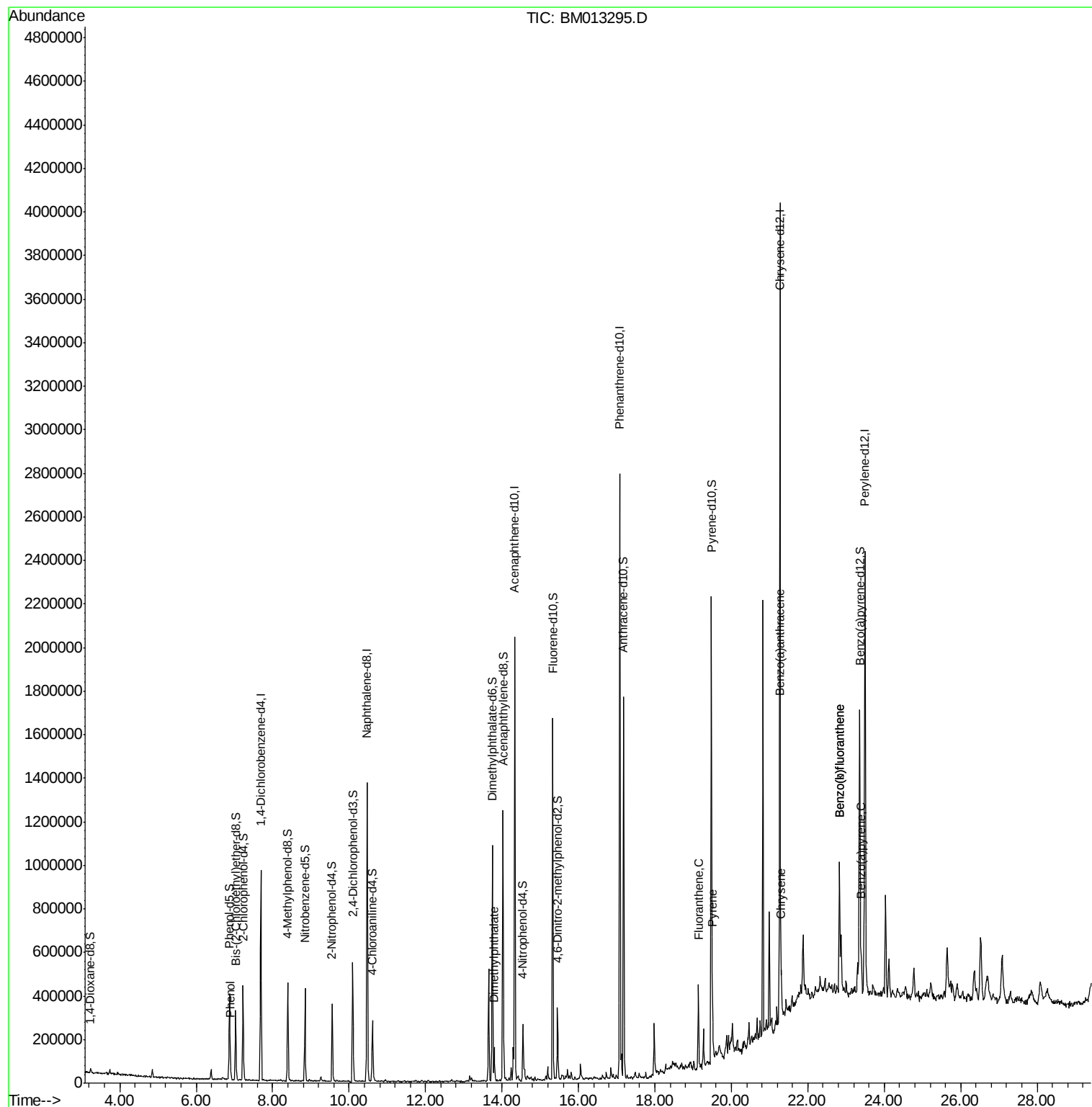
					Ovalue	
6) Phenol	6.90	94	23855	1.142	ng/ul#	83
44) Dimethylphthalate	13.79	163	85924	1.544	ng/ul#	94
74) Fluoranthene	19.14	202	216287	2.019	ng/ul#	95
77) Pyrene	19.50	202	219289	2.119	ng/ul#	91
80) Benzo(a)anthracene	21.25	228	119050	1.102	ng/ul	98
82) Chrysene	21.30	228	137574	1.372	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	224411	2.202	ng/ul#	95
86) Benzo(k)fluoranthene	22.83	252	224411	2.340	ng/ul#	93
88) Benzo(a)pyrene	23.40	252	92908	1.015	ng/ul#	95

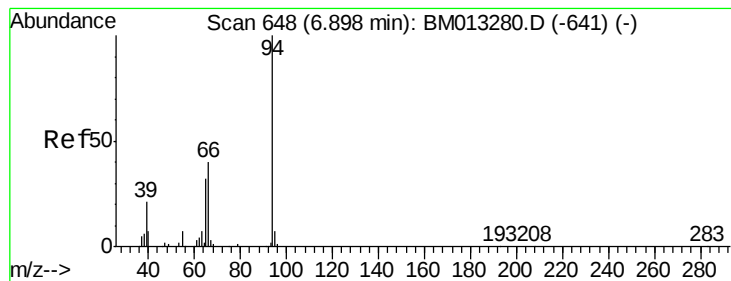
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.142 ng/ul

RT: 6.90 min Scan# 648

Delta R.T. 0.00 min

Lab File: BM013295.D

Acq: 09 Dec 2017 07:08

Instrument :

BNA_M

ClientSampleId :

F9B05

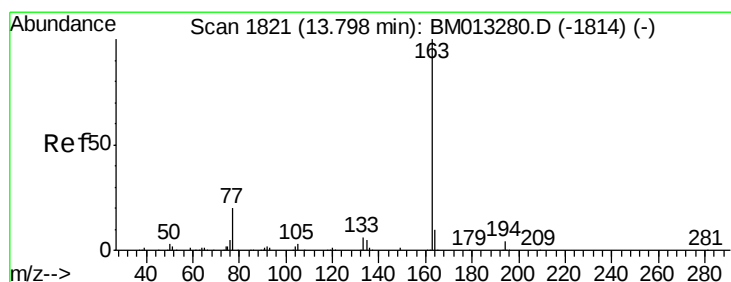
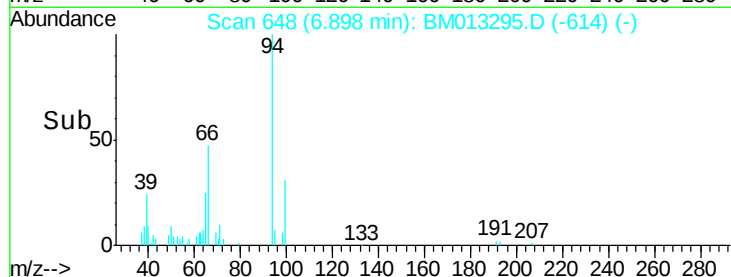
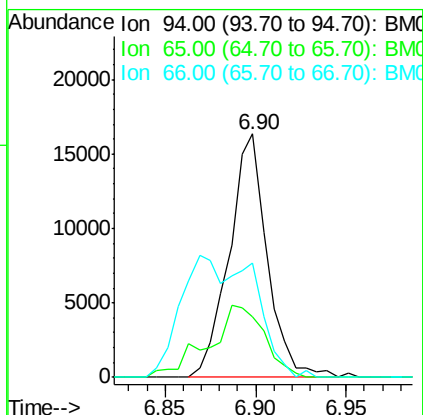
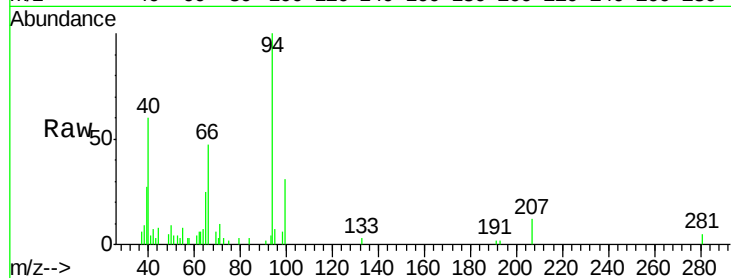
Tot Ion: 94 Resp: 23855

Ion Ratio Lower Upper

94 100

65 25.1 28.2 42.4#

66 46.9 47.2 70.8#



#44

Dimethylphthalate

Concen: 1.544 ng/ul

RT: 13.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BM013295.D

Acq: 09 Dec 2017 07:08

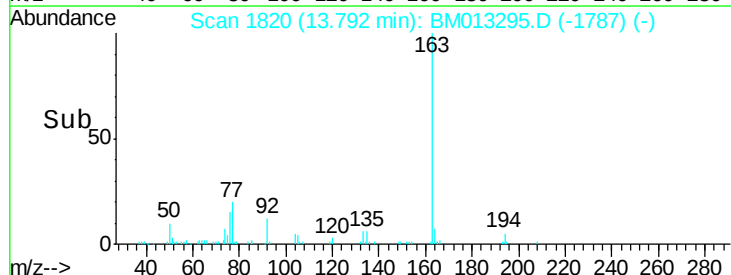
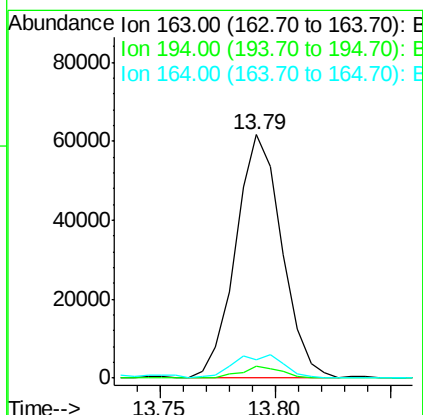
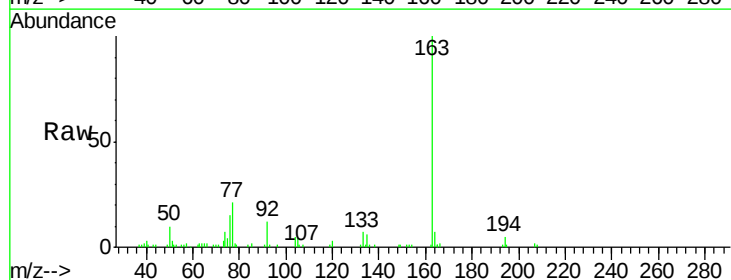
Tgt Ion:163 Resp: 85924

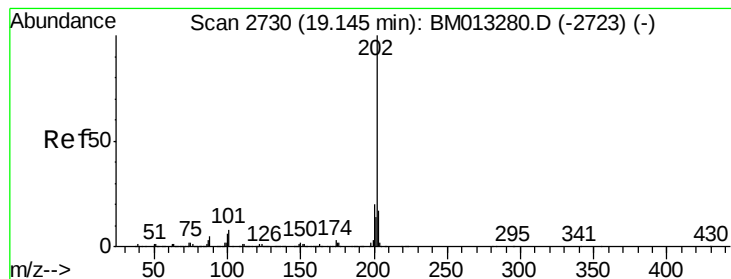
Ion Ratio Lower Upper

163 100

194 5.1 3.5 5.3

164 7.4 8.2 12.4#





#74

Fluoranthene

Concen: 2.019 ng/ul

RT: 19.14 min Scan# 2729

Delta R.T. -0.01 min

Lab File: BM013295.D

Acq: 09 Dec 2017 07:08

Instrument :

BNA_M

ClientSampleId :

F9B05

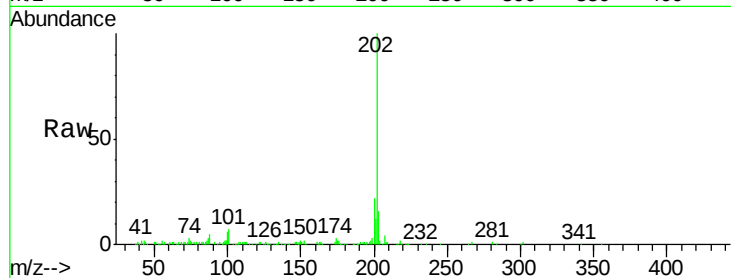
Tot Ion:202 Resp: 216287

Ion Ratio Lower Upper

202 100

101 7.3 4.6 7.0#

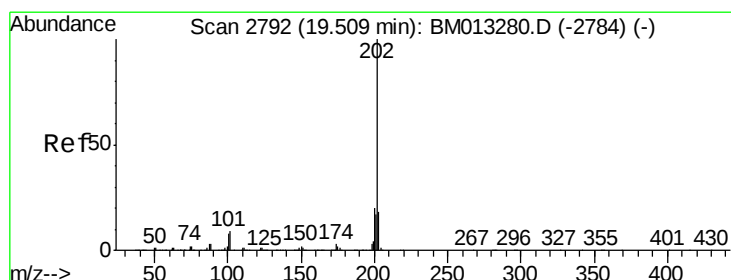
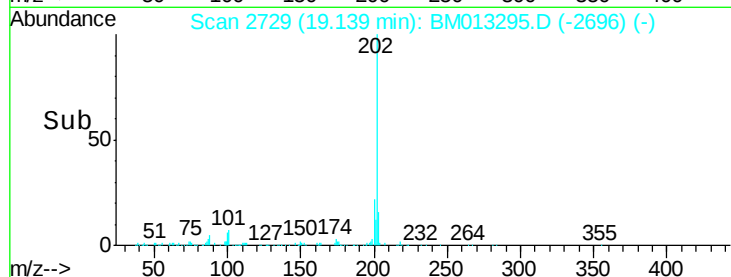
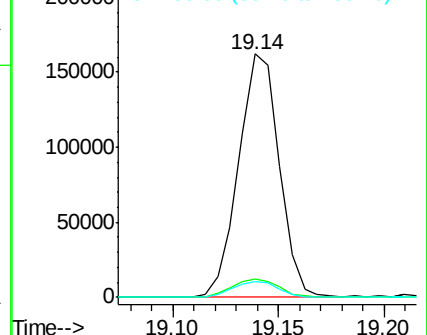
100 6.3 3.4 5.2#



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: 2.119 ng/ul

RT: 19.50 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BM013295.D

Acq: 09 Dec 2017 07:08

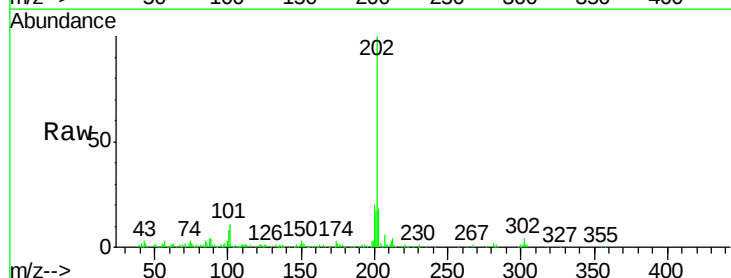
Tgt Ion:202 Resp: 219289

Ion Ratio Lower Upper

202 100

101 10.6 5.1 7.7#

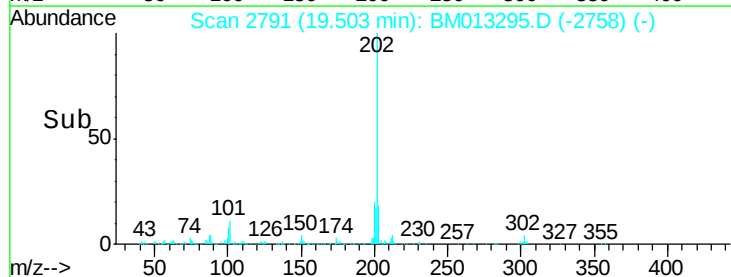
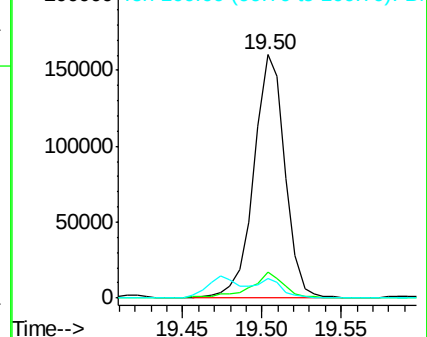
100 8.2 4.9 7.3#

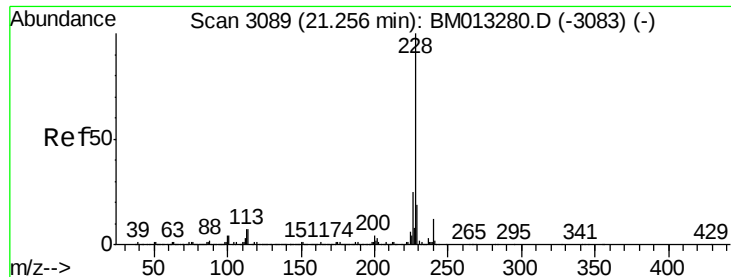


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.102 ng/ul

RT: 21.25 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM013295.D

Acq: 09 Dec 2017 07:08

Instrument :

BNA_M

ClientSampleId :

F9B05

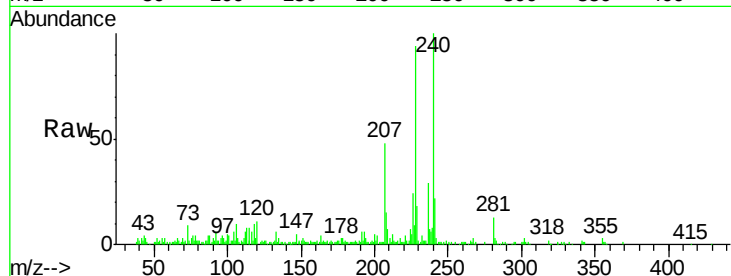
Tot Ion:228 Resp: 119050

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.4	23.0
226	25.1	21.4	32.0

228 100

229 19.6 15.4 23.0

226 25.1 21.4 32.0

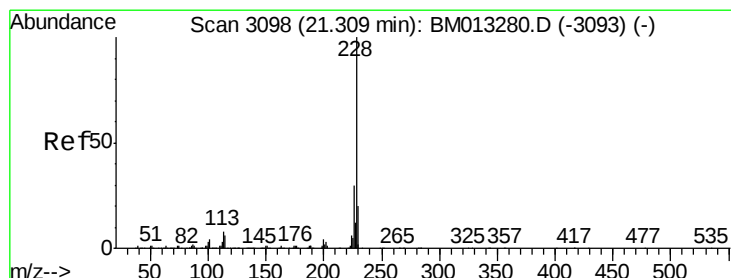
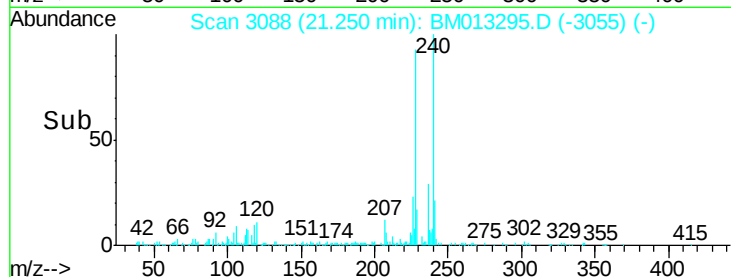
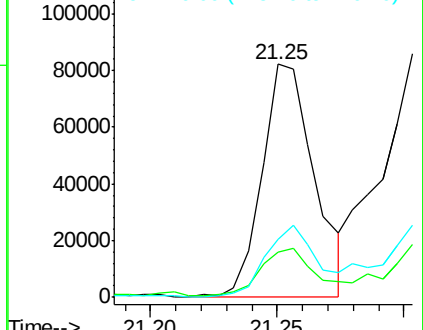


Abundance

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: 1.372 ng/ul

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM013295.D

Acq: 09 Dec 2017 07:08

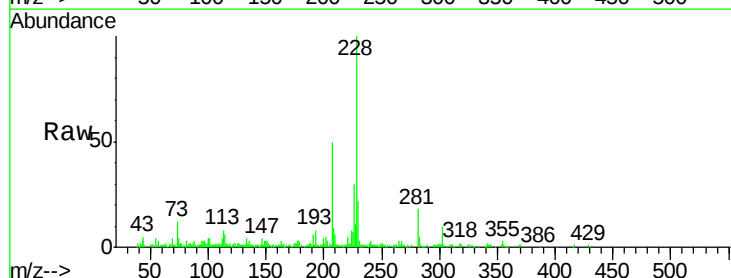
Tgt Ion:228 Resp: 137574

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	22.0	15.5	23.3

228 100

226 29.6 23.4 35.2

229 22.0 15.5 23.3

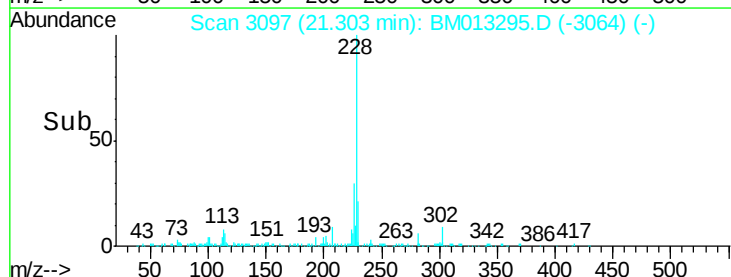
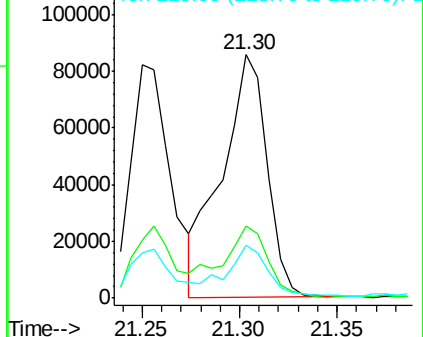


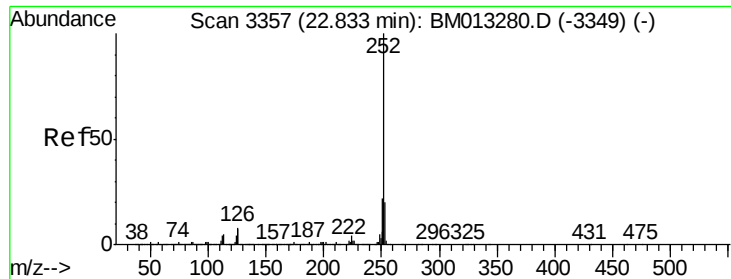
Abundance

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: 2.202 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BM013295.D

Acq: 09 Dec 2017 07:08

Instrument :

BNA_M

ClientSampleId :

F9B05

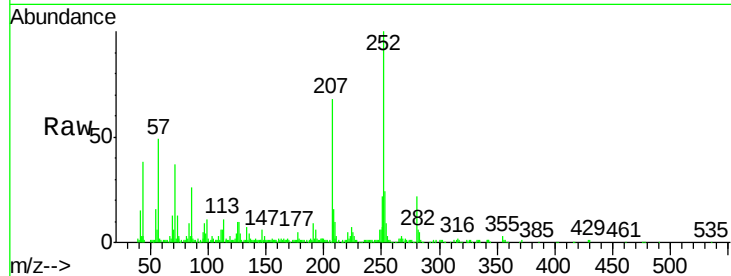
Tot Ion:252 Resp: 224411

Ion Ratio Lower Upper

252 100

253 23.6 17.9 26.9

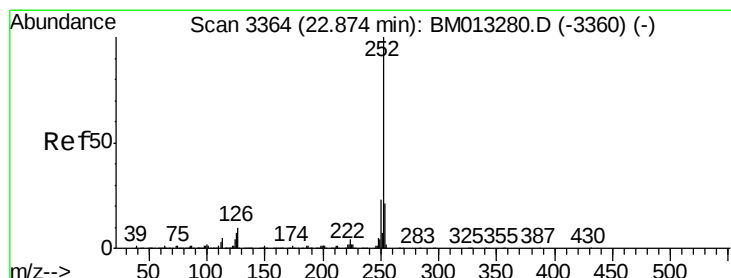
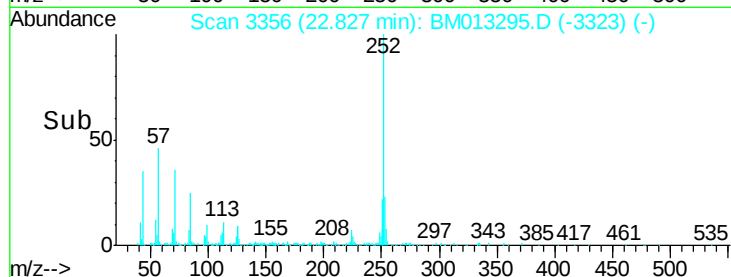
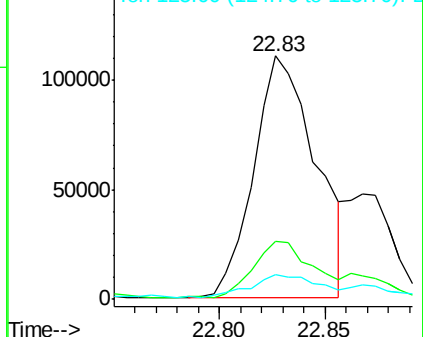
125 10.4 3.6 5.4#



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: 2.340 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. -0.05 min

Lab File: BM013295.D

Acq: 09 Dec 2017 07:08

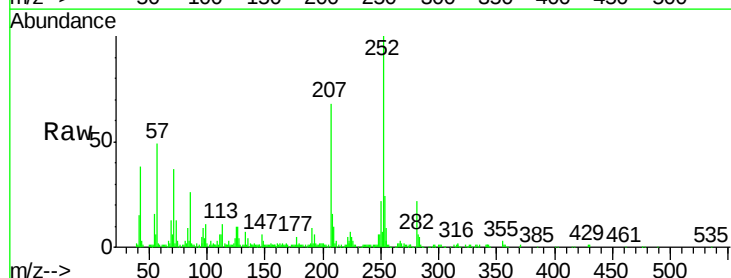
Tgt Ion:252 Resp: 224411

Ion Ratio Lower Upper

252 100

253 23.6 17.1 25.7

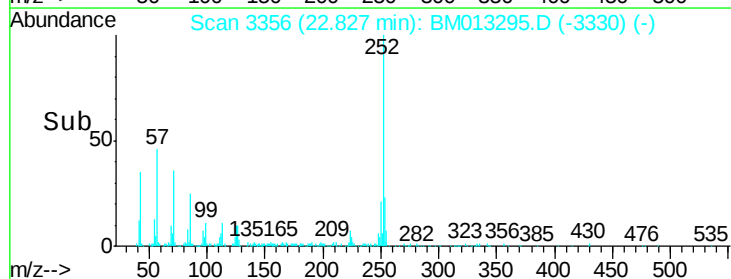
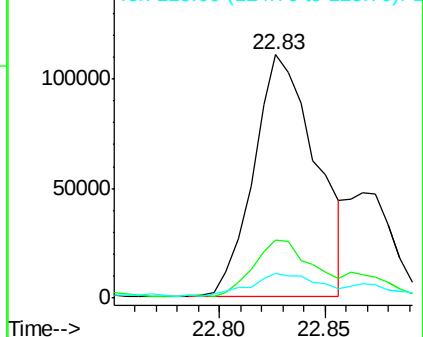
125 10.4 3.4 5.2#

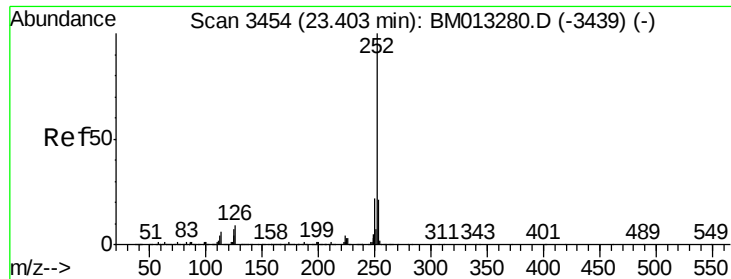


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.015 ng/ul

RT: 23.40 min Scan# 3453

Delta R.T. -0.01 min

Lab File: BM013295.D

Acq: 09 Dec 2017 07:08

Instrument :

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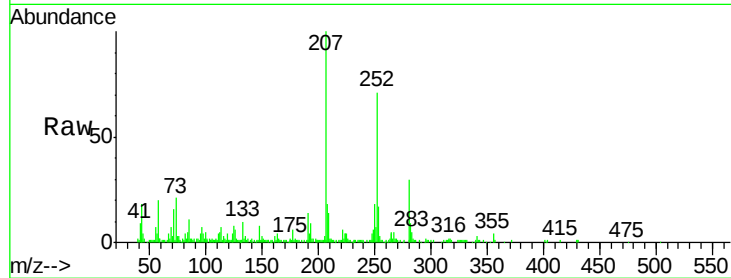
Tot Ion:252 Resp: 92908

Ion Ratio Lower Upper

252 100

253 23.9 18.2 27.2

125 10.5 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

