

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
 Data File : BM013499.D
 Acq On : 18 Dec 2017 15:24
 Operator : SJ/JU
 Sample : I6776-03MEDL 20X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 19 00:43:22 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 19 00:41:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	196502	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	863265	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	484667	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1042570	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	770001	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	652433	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	1039	0.26	ng/uL	0.01
5) Phenol-d5	6.86	99	29358	1.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	17284	1.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	21825	1.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	22526	1.55	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	12908	1.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	12465	1.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	23000	1.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	18490	1.33	ng/ul	0.02
43) Dimethylphthalate-d6	13.73	166	80569	1.87	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	103665	1.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	4952	0.66	ng/ul	0.04
57) Fluorene-d10	15.31	176	64565	1.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	3902	0.59	ng/ul	0.01
70) Anthracene-d10	17.16	188	106674	2.04	ng/ul	0.00
76) Pyrene-d10	19.46	212	99671	2.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	68479	2.06	ng/ul	0.00

Target Compounds

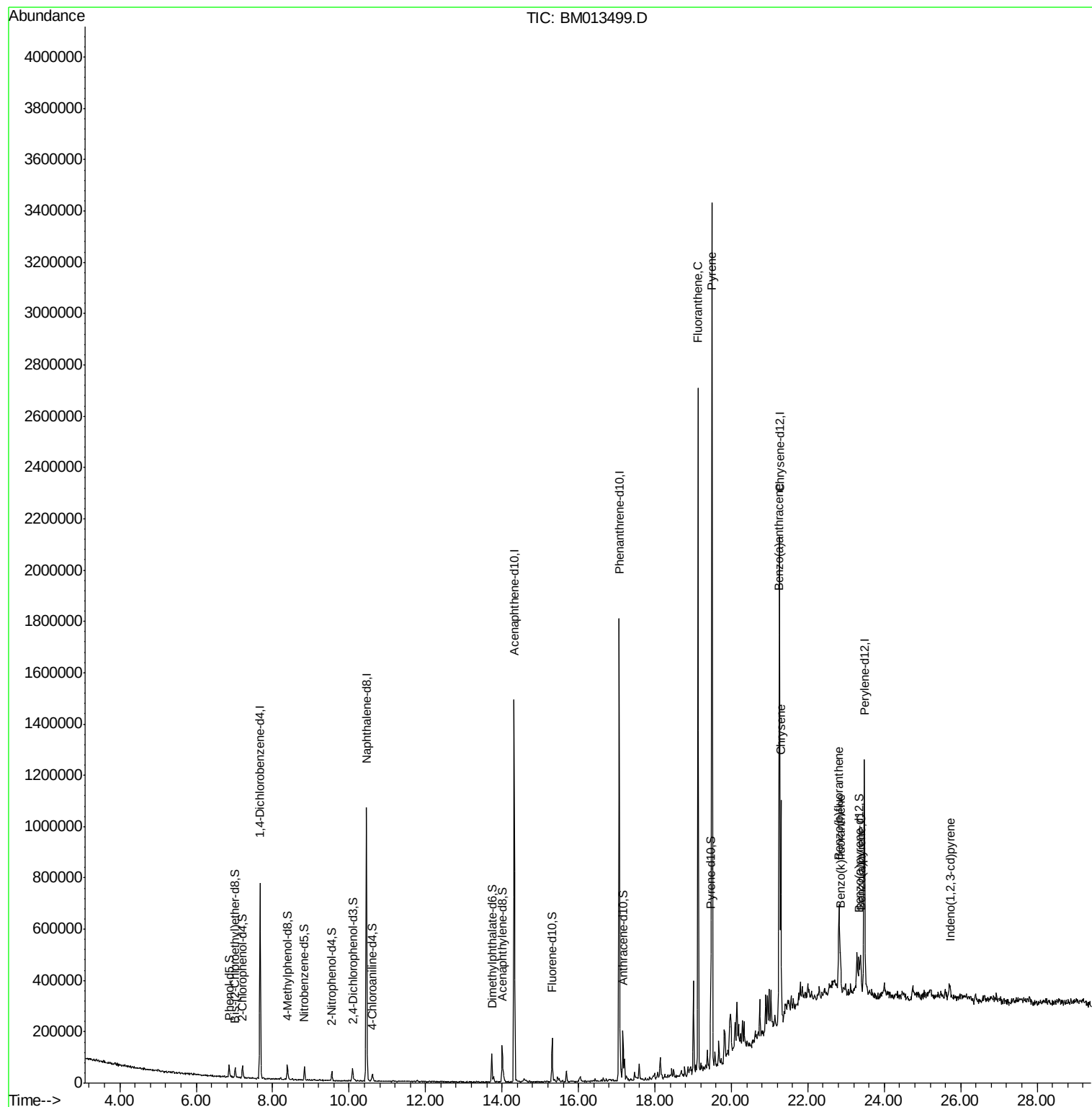
					Ovalue	
74) Fluoranthene	19.13	202	1569223	21.619	ng/ul#	92
77) Pyrene	19.49	202	2097806	44.844	ng/ul#	91
80) Benzo(a)anthracene	21.24	228	332317	6.802	ng/ul	98
82) Chrysene	21.29	228	502904	11.096	ng/ul	98
85) Benzo(b)fluoranthene	22.82	252	251583	5.720	ng/ul#	97
86) Benzo(k)fluoranthene	22.86	252	78597	1.899	ng/ul#	96
88) Benzo(a)pyrene	23.39	252	85015	2.152	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.71	276	44792	1.143	ng/ul#	89

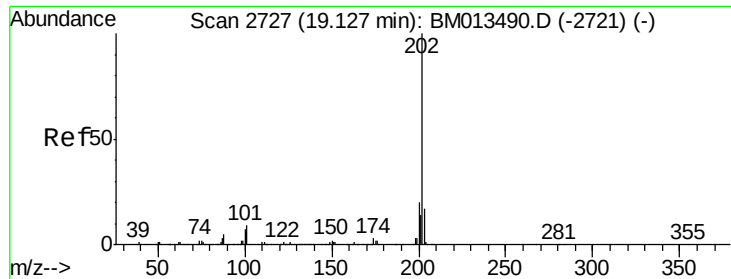
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#74

Fluoranthene

Concen: 21.619 ng/ul

RT: 19.13 min Scan# 2727

Delta R.T. -0.00 min

Lab File: BM013499.D

Acq: 18 Dec 2017 15:24

Instrument :

BNA_M

ClientSampleId :

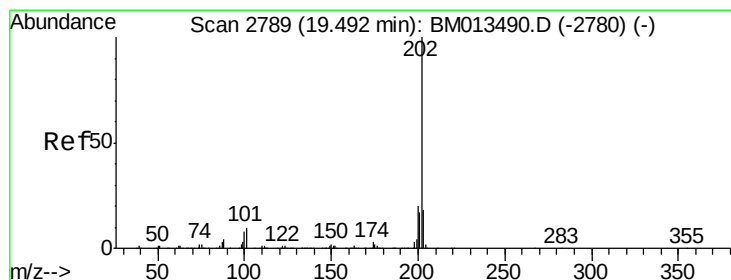
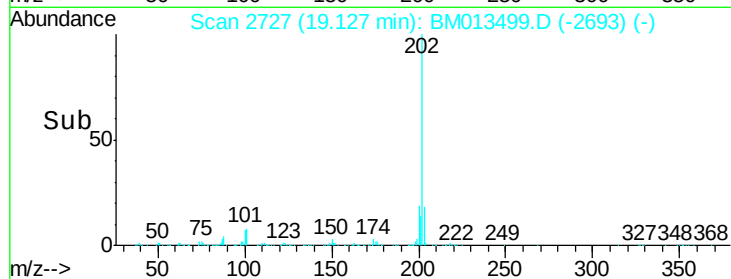
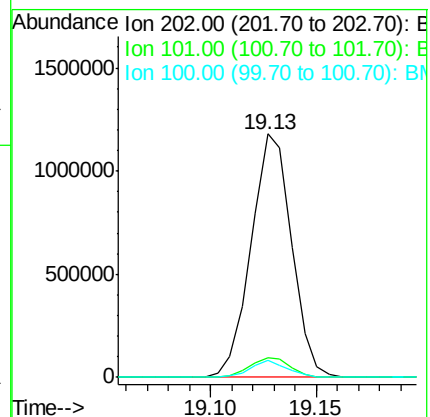
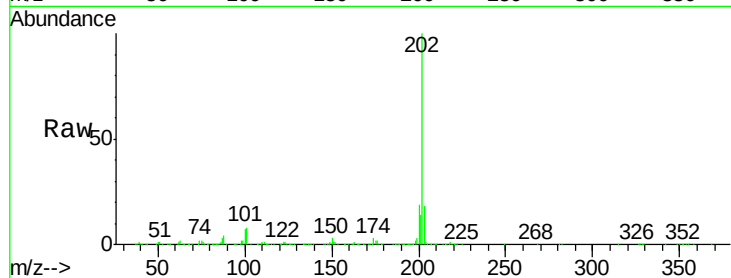
Tot Ion:202 Resp: 1569223

Ion Ratio Lower Upper

202 100

101 8.2 4.6 7.0#

100 6.9 3.4 5.2#



#77

Pyrene

Concen: 44.844 ng/ul

RT: 19.49 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BM013499.D

Acq: 18 Dec 2017 15:24

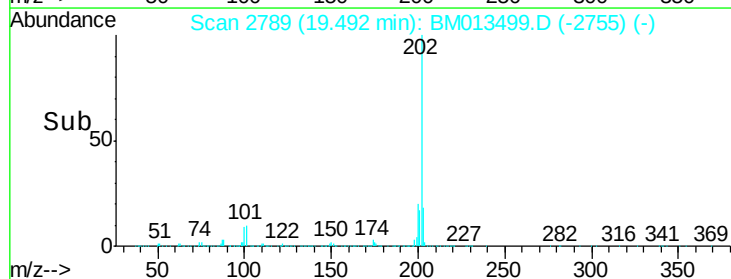
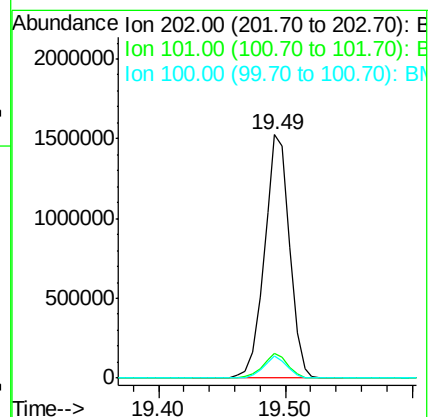
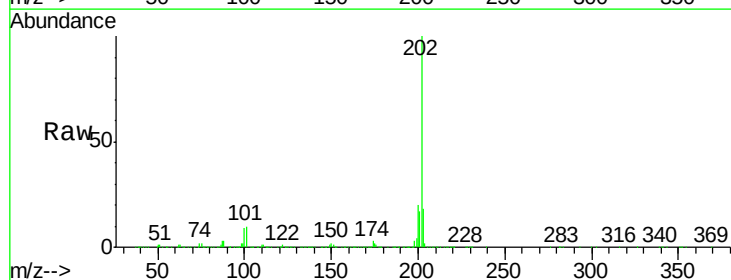
Tgt Ion:202 Resp: 2097806

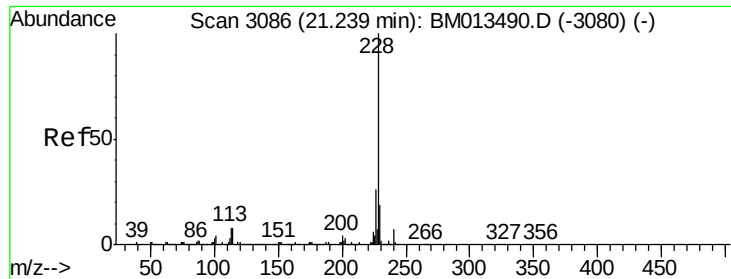
Ion Ratio Lower Upper

202 100

101 9.9 5.1 7.7#

100 8.9 4.9 7.3#





#80

Benzo(a)anthracene

Concen: 6.802 ng/ul

RT: 21.24 min Scan# 3087

Delta R.T. 0.01 min

Lab File: BM013499.D

Acq: 18 Dec 2017 15:24

Instrument :

BNA_M

ClientSampled :

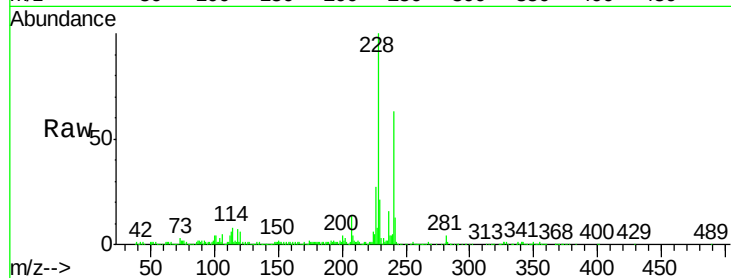
Tot Ion:228 Resp: 332317

Ion Ratio Lower Upper

228 100

229 20.6 15.4 23.0

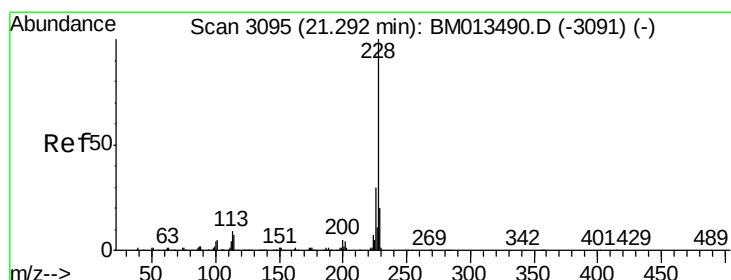
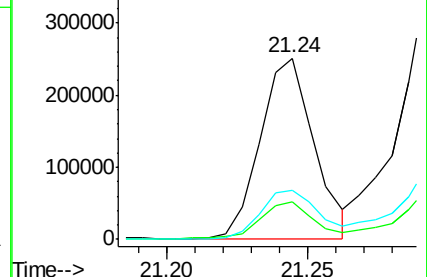
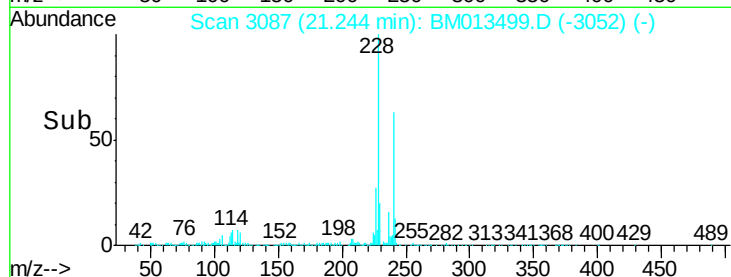
226 27.1 21.4 32.0



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: 11.096 ng/ul

RT: 21.29 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BM013499.D

Acq: 18 Dec 2017 15:24

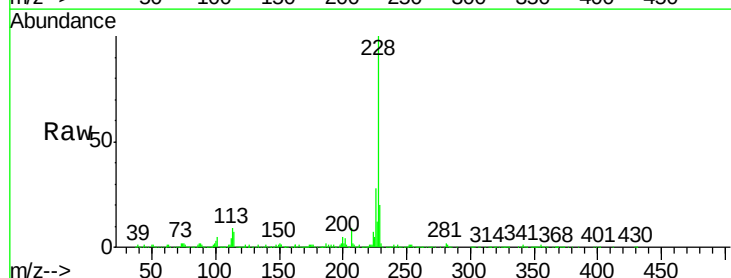
Tgt Ion:228 Resp: 502904

Ion Ratio Lower Upper

228 100

226 27.7 23.4 35.2

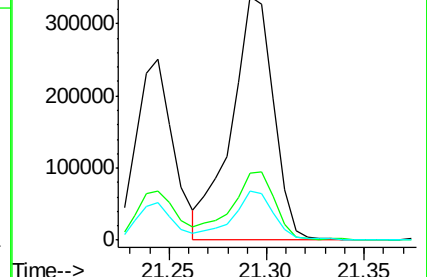
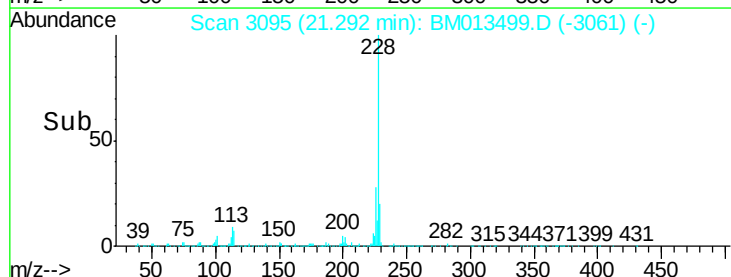
229 20.1 15.5 23.3

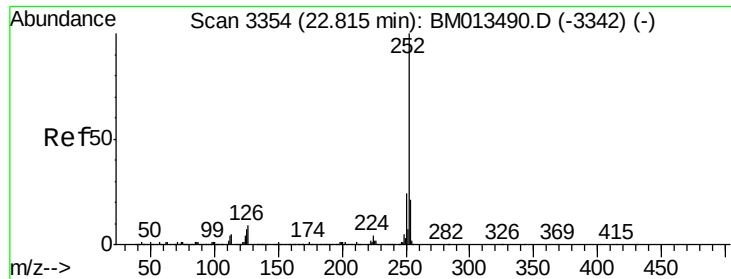


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 5.720 ng/ul

RT: 22.82 min Scan# 3355

Delta R.T. 0.01 min

Lab File: BM013499.D

Acq: 18 Dec 2017 15:24

Instrument :

BNA_M

ClientSampleId :

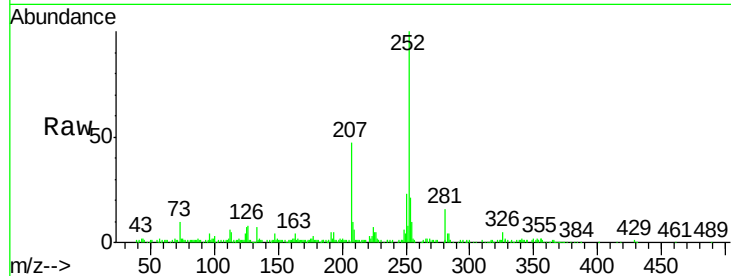
Tot Ion:252 Resp: 251583

Ion Ratio Lower Upper

252 100

253 21.3 17.9 26.9

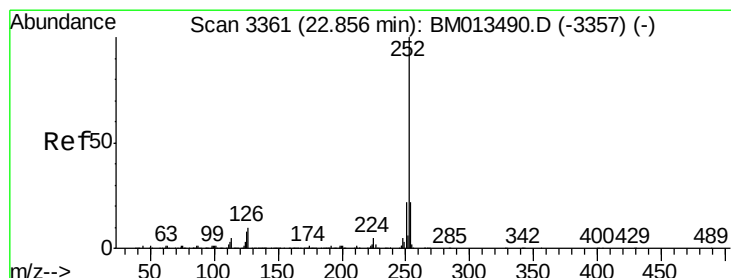
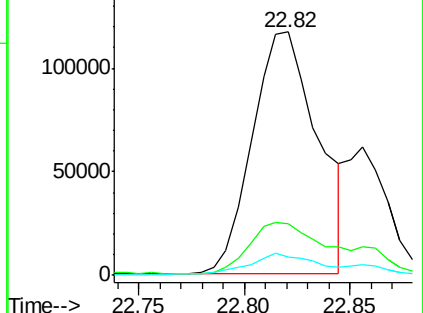
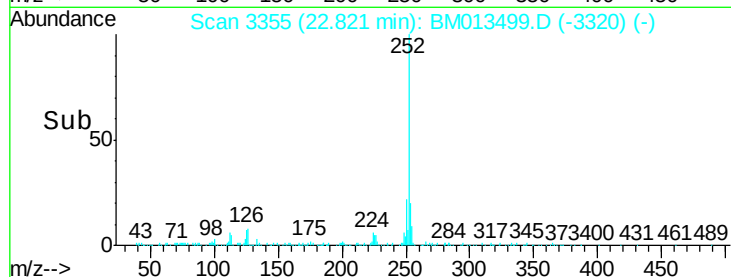
125 7.3 3.6 5.4#



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: 1.899 ng/ul

RT: 22.86 min Scan# 3361

Delta R.T. -0.00 min

Lab File: BM013499.D

Acq: 18 Dec 2017 15:24

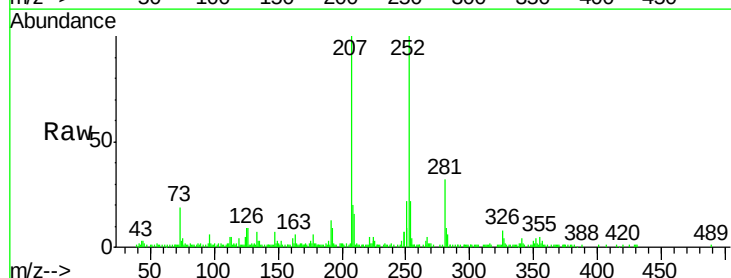
Tgt Ion:252 Resp: 78597

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

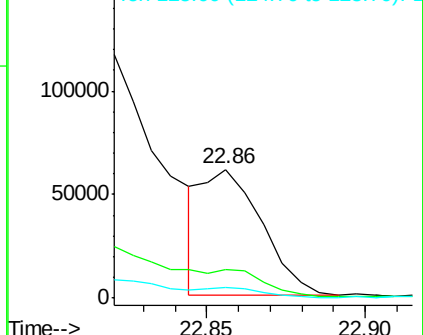
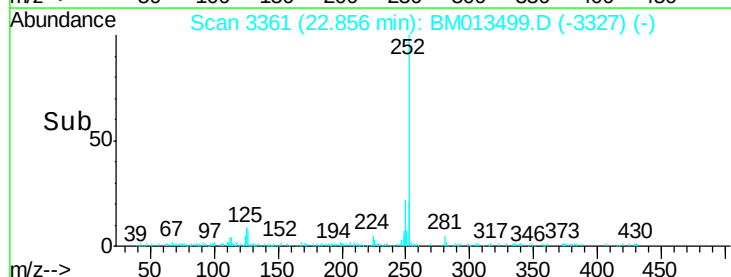
125 8.7 3.4 5.2#

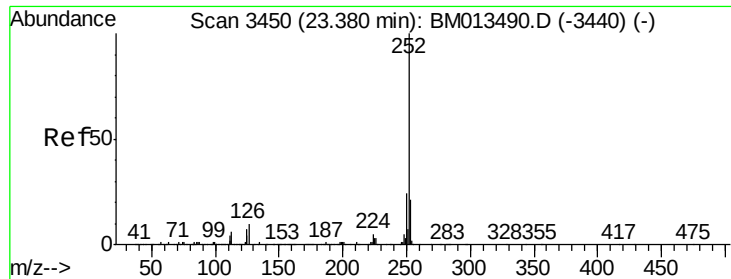


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 2.152 ng/ul

RT: 23.39 min Scan# 3451

Delta R.T. 0.01 min

Lab File: BM013499.D

Acq: 18 Dec 2017 15:24

Instrument :

BNA_M

ClientSampleId :

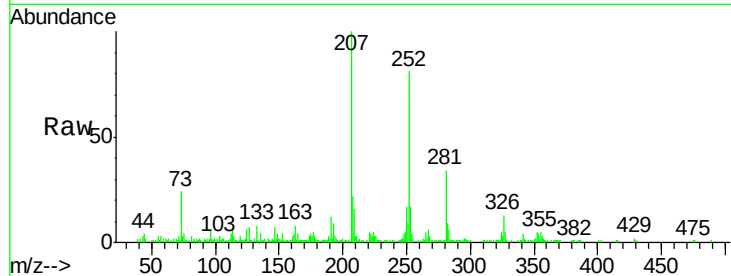
Tot Ion:252 Resp: 85015

Ion Ratio Lower Upper

252 100

253 21.4 18.2 27.2

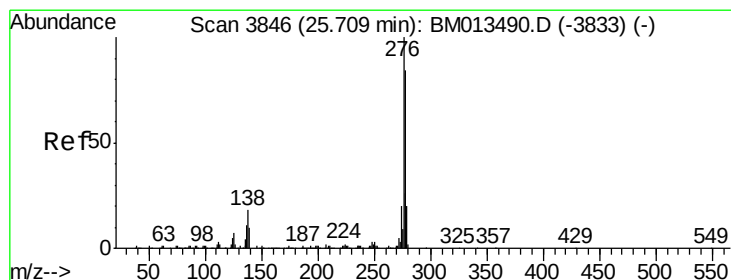
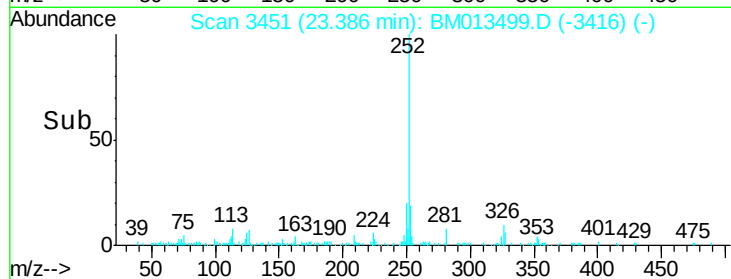
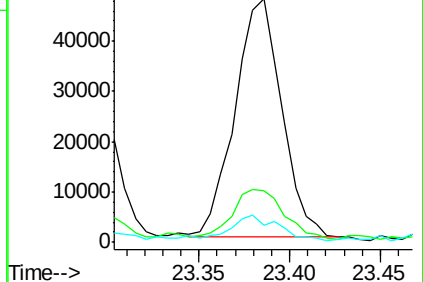
125 7.0 4.0 6.0#



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: 1.143 ng/ul

RT: 25.71 min Scan# 3847

Delta R.T. 0.01 min

Lab File: BM013499.D

Acq: 18 Dec 2017 15:24

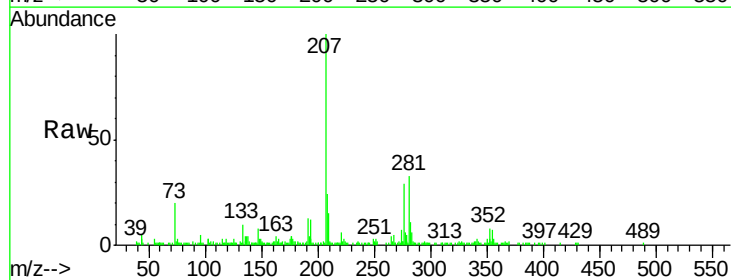
Tgt Ion:276 Resp: 44792

Ion Ratio Lower Upper

276 100

138 15.3 9.3 13.9#

277 19.1 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

