

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
 Data File : BM012589.D
 Acq On : 31 Oct 2017 00:37
 Operator : SJ/JU
 Sample : I5886-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESNE7

Quant Time: Oct 31 05:11:10 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 04:46:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	342376	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1314083	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	775505	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1823057	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	2146789	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	2384478	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	27135	4.05	ng/uL	0.00
5) Phenol-d5	7.02	99	486883	17.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	298064	17.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	393757	18.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	376584	15.41	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	189506	23.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	212233	25.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	401779	17.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	234698	9.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1179073	17.40	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1464690	18.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	159526	15.84	ng/ul	0.00
57) Fluorene-d10	15.47	176	1030992	17.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	153481	17.40	ng/ul	0.00
70) Anthracene-d10	17.33	188	1533819	17.65	ng/ul	0.00
76) Pyrene-d10	19.62	212	1775901	18.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	1948697	17.20	ng/ul	0.00

Target Compounds

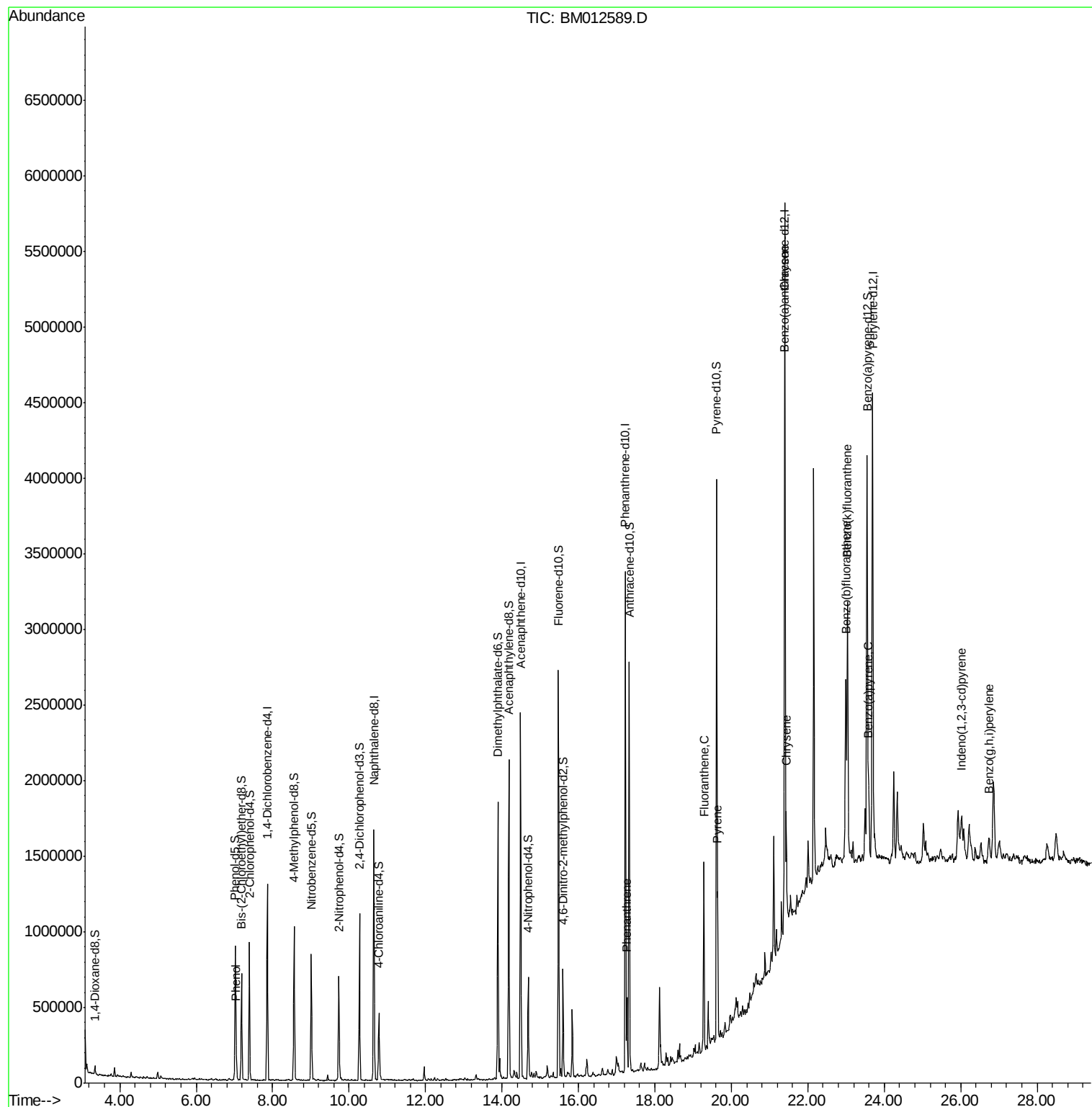
					Ovalue	
6) Phenol	7.05	94	70497	2.367	ng/ul#	85
69) Phenanthrene	17.27	178	278244	2.822	ng/ul	99
74) Fluoranthene	19.28	202	728445	6.521	ng/ul#	92
77) Pyrene	19.64	202	602634	4.936	ng/ul#	94
80) Benzo(a)anthracene	21.39	228	300982	2.341	ng/ul	97
82) Chrysene	21.43	228	384711	3.366	ng/ul	98
85) Benzo(b)fluoranthene	23.00	252	572299	3.883	ng/ul#	96
86) Benzo(k)fluoranthene	23.04	252	202138	1.457	ng/ul#	85
88) Benzo(a)pyrene	23.60	252	331938	2.362	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.02	276	292238	1.767	ng/ul#	95
91) Benzo(g,h,i)perylene	26.73	276	236587	1.765	ng/ul#	93

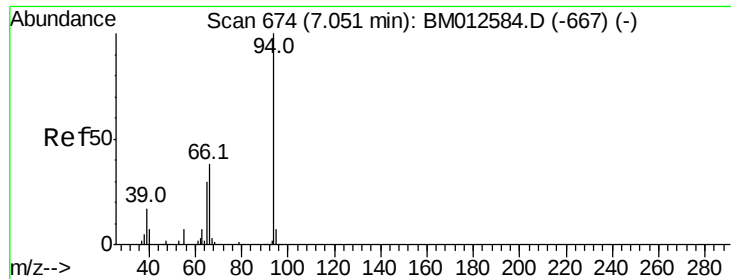
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.367 ng/ul

RT: 7.05 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM012589.D

Acq: 31 Oct 2017 00:37

Instrument :

BNA_M

ClientSampleId :

ESNE7

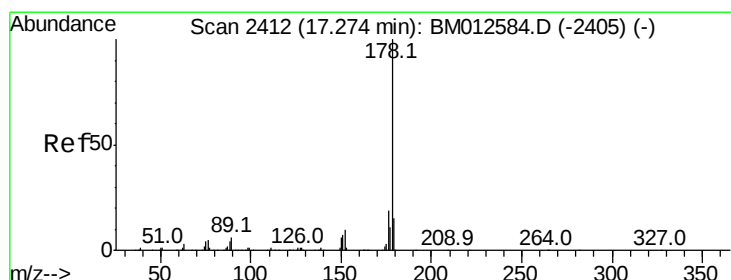
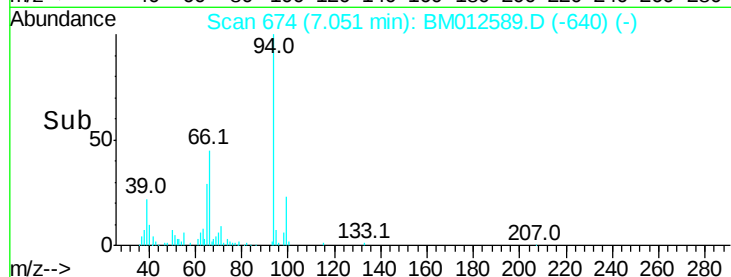
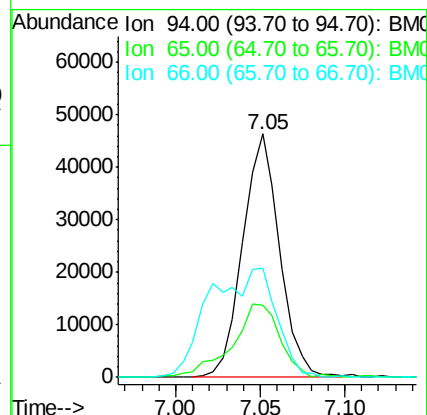
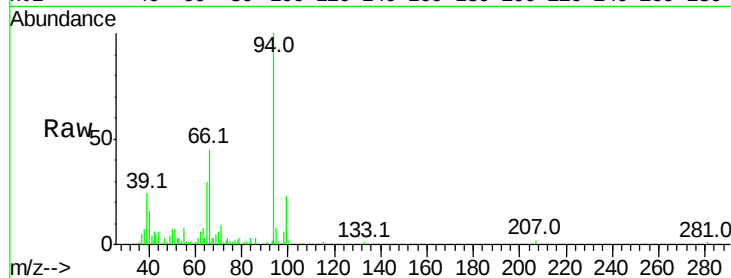
Tot Ion: 94 Resp: 70497

Ion Ratio Lower Upper

94 100

65 29.7 28.2 42.4

66 44.9 47.2 70.8#



#69

Phenanthrene

Concen: 2.822 ng/ul

RT: 17.27 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM012589.D

Acq: 31 Oct 2017 00:37

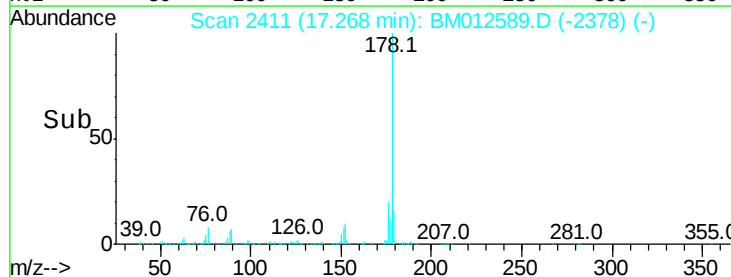
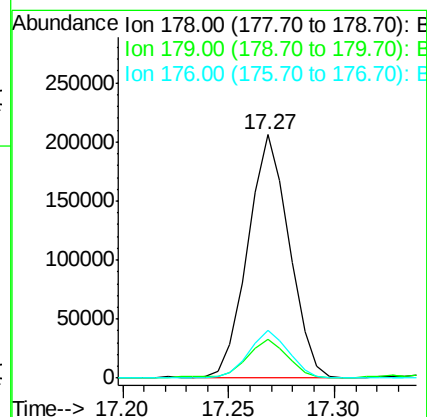
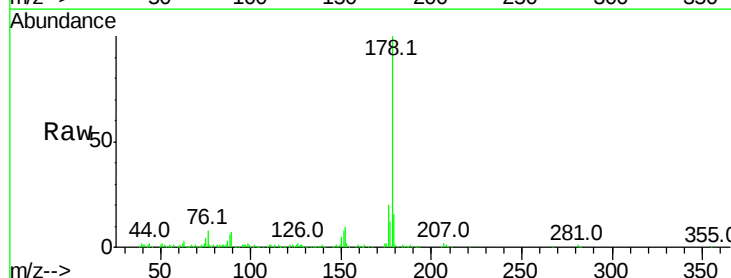
Tgt Ion: 178 Resp: 278244

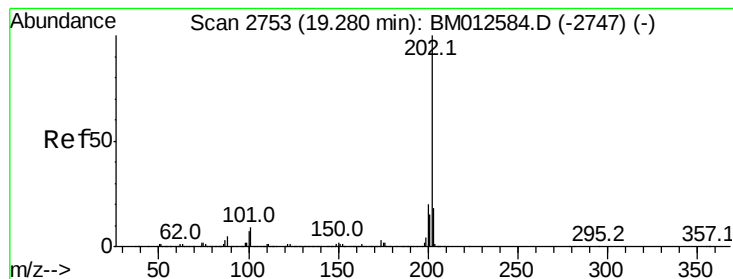
Ion Ratio Lower Upper

178 100

179 15.9 12.6 19.0

176 19.6 14.9 22.3





#74

Fluoranthene

Concen: 6.521 ng/ul

RT: 19.28 min Scan# 2753

Delta R.T. 0.00 min

Lab File: BM012589.D

Acq: 31 Oct 2017 00:37

Instrument :

BNA_M

ClientSampleId :

ESNE7

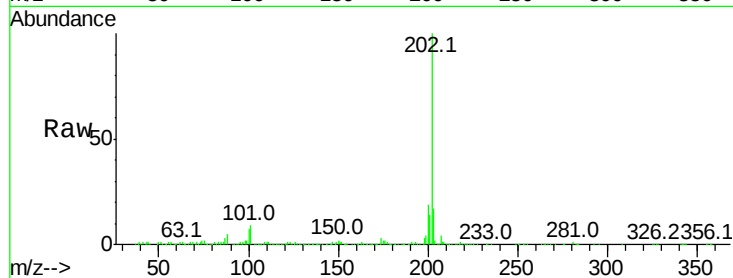
Tot Ion:202 Resp: 728445

Ion Ratio Lower Upper

202 100

101 8.9 4.6 7.0#

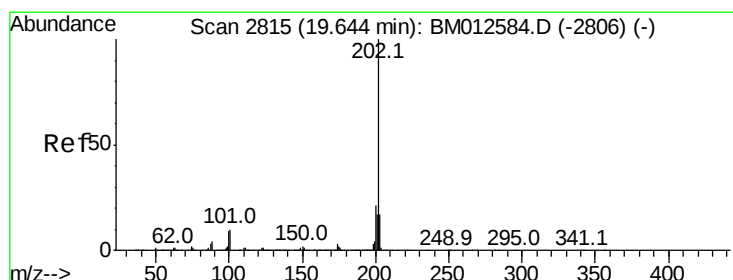
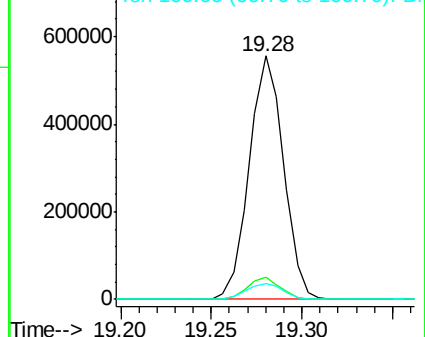
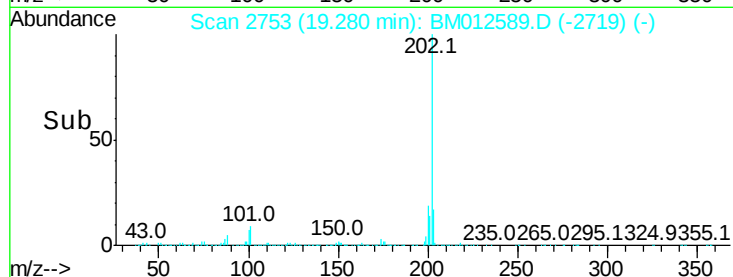
100 6.6 3.4 5.2#



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: 4.936 ng/ul

RT: 19.64 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BM012589.D

Acq: 31 Oct 2017 00:37

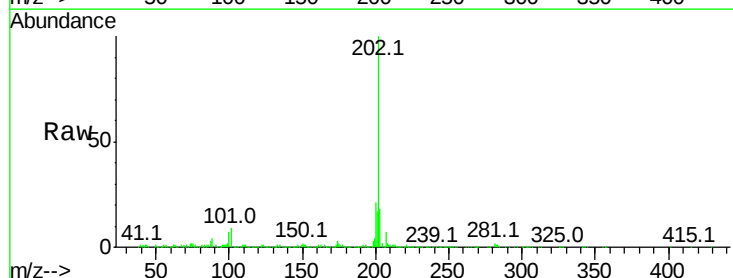
Tgt Ion:202 Resp: 602634

Ion Ratio Lower Upper

202 100

101 9.1 5.1 7.7#

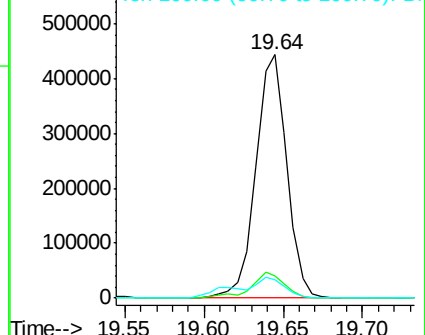
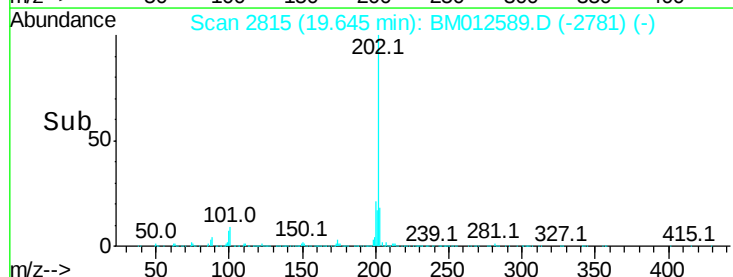
100 7.4 4.9 7.3#

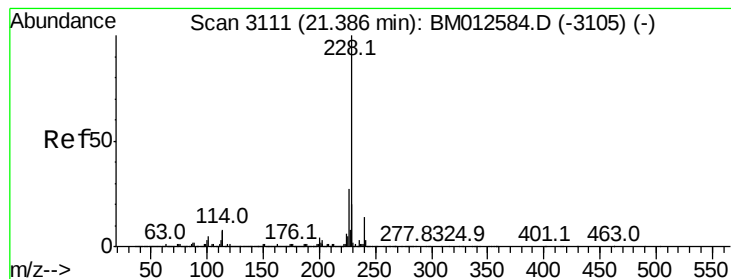


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

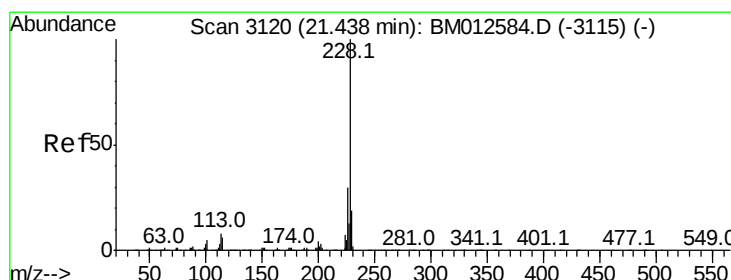
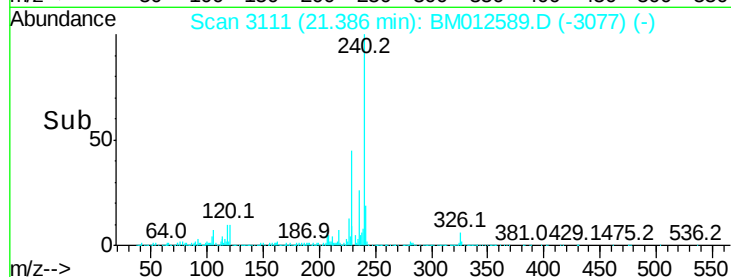
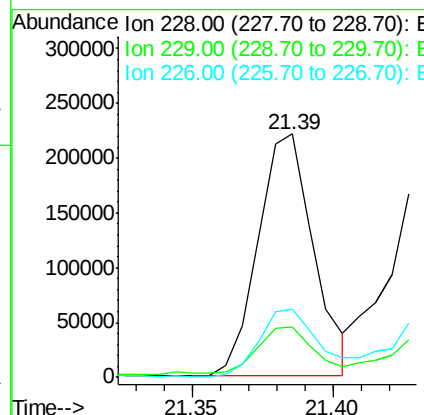
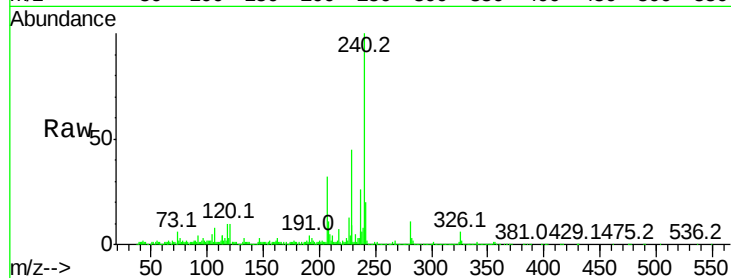




#80
Benzo(a)anthracene
Concen: 2.341 ng/ul
RT: 21.39 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BM012589.D
Acq: 31 Oct 2017 00:37

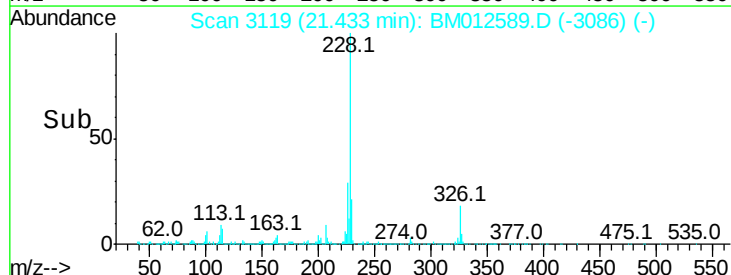
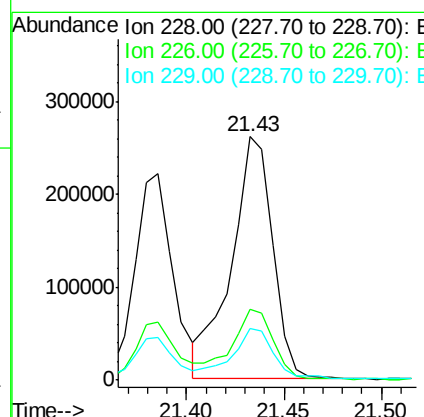
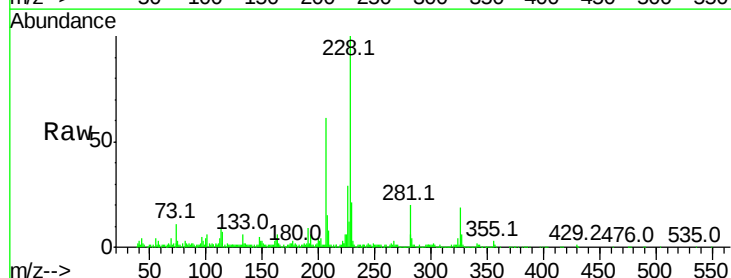
Instrument :
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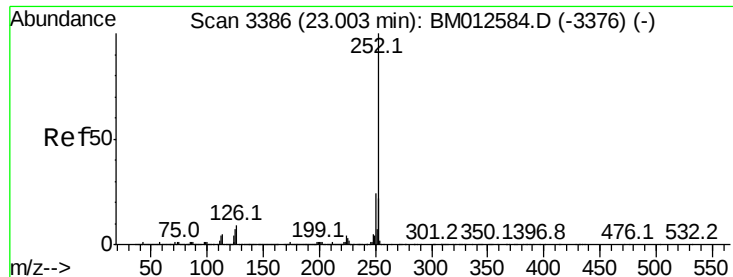
Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.0
226	28.3	21.4	32.0



#82
Chrysene
Concen: 3.366 ng/ul
RT: 21.43 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM012589.D
Acq: 31 Oct 2017 00:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.2
229	21.4	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 3.883 ng/ul

RT: 23.00 min Scan# 3386

Delta R.T. 0.00 min

Lab File: BM012589.D

Acq: 31 Oct 2017 00:37

Instrument :

BNA_M

ClientSampleId :

ESNE7

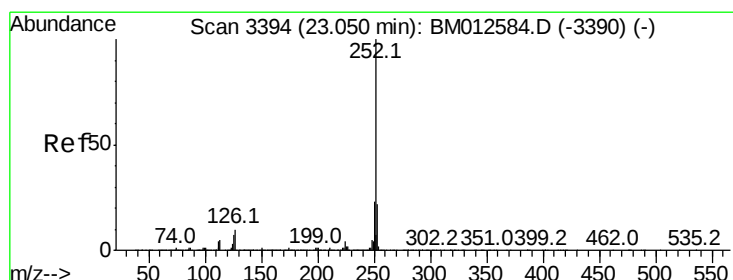
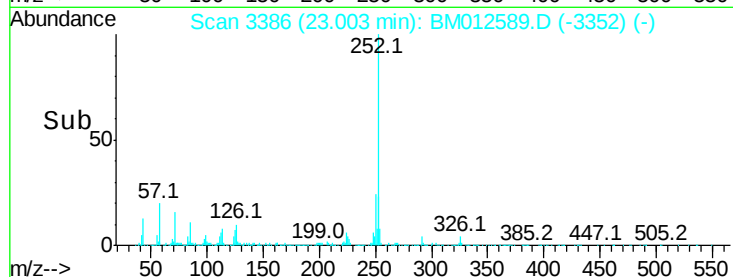
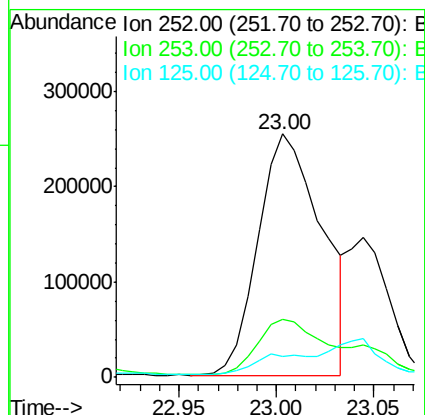
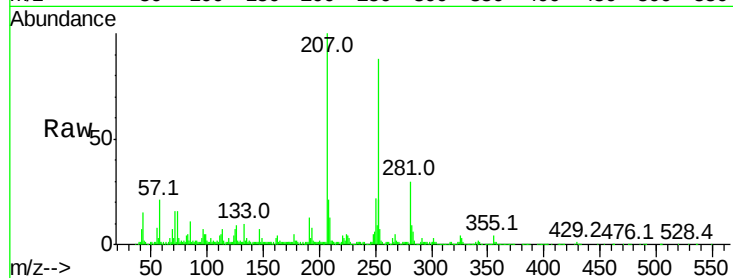
Tot Ion:252 Resp: 572299

Ion Ratio Lower Upper

252 100

253 23.7 17.9 26.9

125 8.5 3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 1.457 ng/ul

RT: 23.04 min Scan# 3393

Delta R.T. -0.01 min

Lab File: BM012589.D

Acq: 31 Oct 2017 00:37

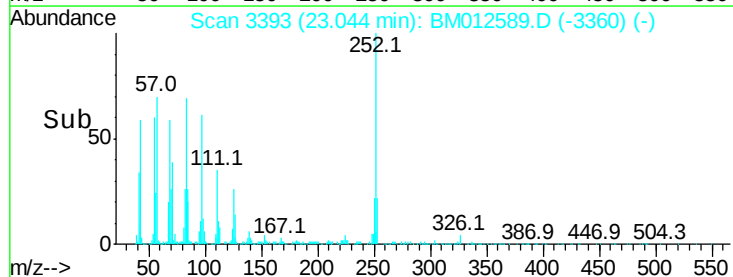
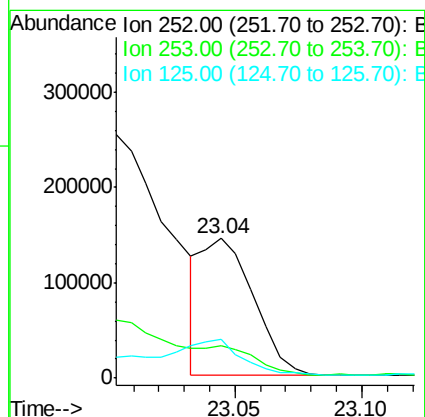
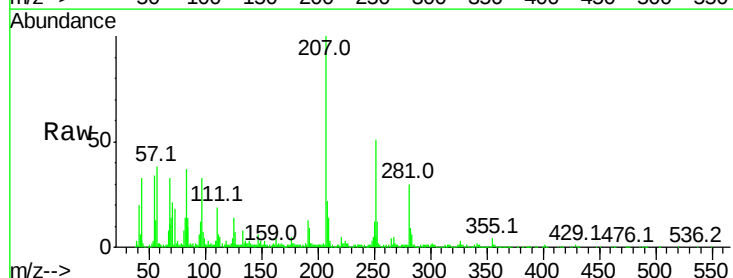
Tgt Ion:252 Resp: 202138

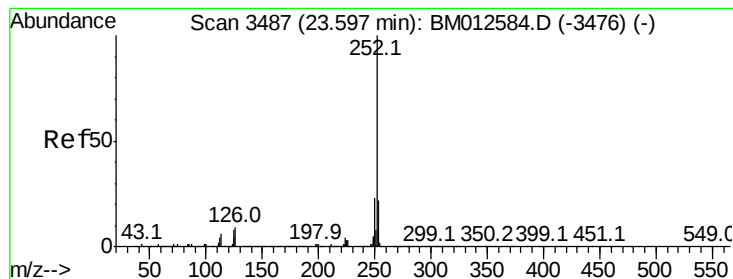
Ion Ratio Lower Upper

252 100

253 23.3 17.1 25.7

125 27.6 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 2.362 ng/ul

RT: 23.60 min Scan# 3487

Delta R.T. 0.00 min

Lab File: BM012589.D

Acq: 31 Oct 2017 00:37

Instrument :

BNA_M

ClientSampleId :

ESNE7

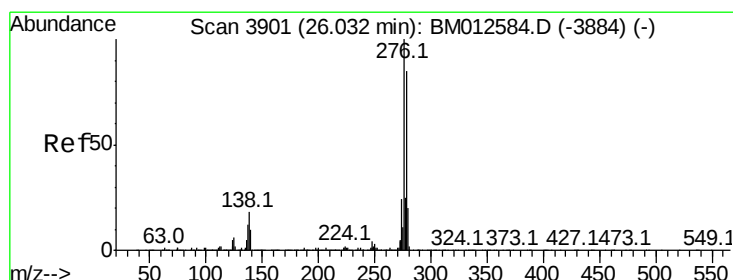
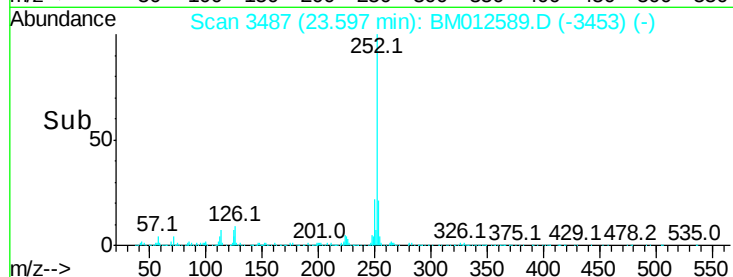
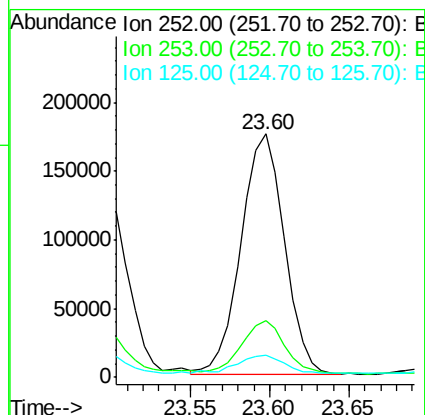
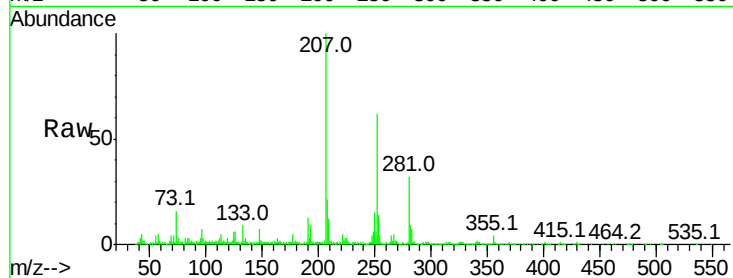
Tot Ion:252 Resp: 331938

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.2

125 9.2 4.0 6.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.767 ng/ul

RT: 26.02 min Scan# 3899

Delta R.T. -0.01 min

Lab File: BM012589.D

Acq: 31 Oct 2017 00:37

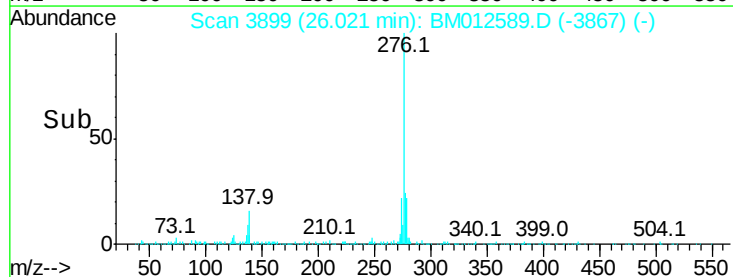
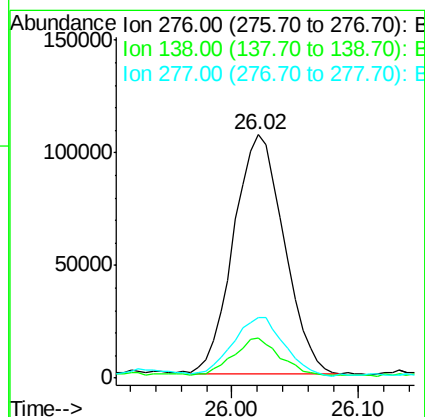
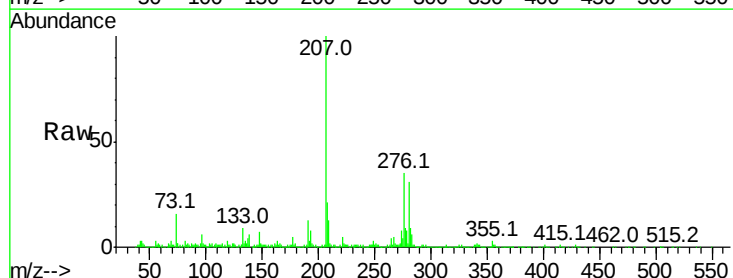
Tgt Ion:276 Resp: 292238

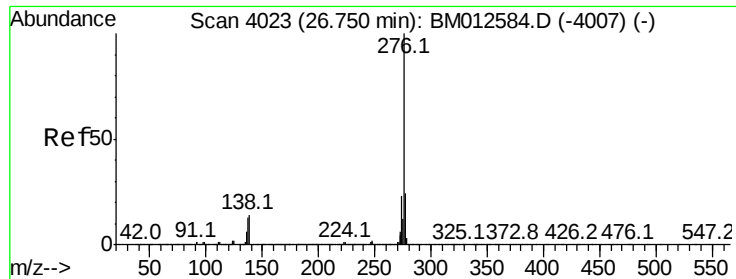
Ion Ratio Lower Upper

276 100

138 16.7 9.3 13.9#

277 24.7 19.9 29.9





#91

Benzo(a,h,i)perylene

Concen: 1.765 ng/ul

RT: 26.73 min Scan# 4020

Delta R.T. -0.02 min

Lab File: BM012589.D

Acq: 31 Oct 2017 00:37

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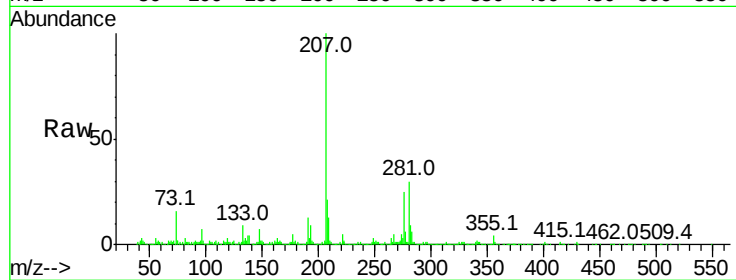
Tot Ion:276 Resp: 236587

Ion Ratio Lower Upper

276 100

138 16.3 8.5 12.7#

277 25.1 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

