

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
 Data File : BM011737.D
 Acq On : 27 Sep 2017 23:33
 Operator : SJ/JU
 Sample : I5377-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3D7

Manual Integrations
 APPROVED

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 9/29/2017 2:22:50 PM

Quant Time: Sep 28 04:44:44 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:06:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	213989	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	989757	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	563800	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.31	188	1280850	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	1413699	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	1345816	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	15247	3.18	ng/uL	0.00
5) Phenol-d5	7.09	99	323948	15.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	266162	17.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	265745	16.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	262212	15.91	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	130955	16.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	141638	17.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	254356	16.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	234664	13.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	917127	18.97	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	1047201	17.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	107237m	12.98	ng/ul	0.00
57) Fluorene-d10	15.56	176	767916	18.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	115773	13.34	ng/ul	0.00
70) Anthracene-d10	17.41	188	1177130	18.06	ng/ul	0.00
76) Pyrene-d10	19.70	212	1411737	20.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	1213934	18.84	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	14.02	163	146782	3.174 ng/ul	98
69) Phenanthrene	17.36	178	92060	1.284 ng/ul	96
74) Fluoranthene	19.36	202	231239	2.642 ng/ul#	90
77) Pyrene	19.73	202	217534	2.582 ng/ul#	91
80) Benzo(a)anthracene	21.46	228	127194	1.608 ng/ul	97
82) Chrysene	21.52	228	136331	1.828 ng/ul	98
85) Benzo(b)fluoranthene	23.13	252	171920	2.165 ng/ul#	88
88) Benzo(a)pyrene	23.74	252	100419	1.309 ng/ul#	94

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

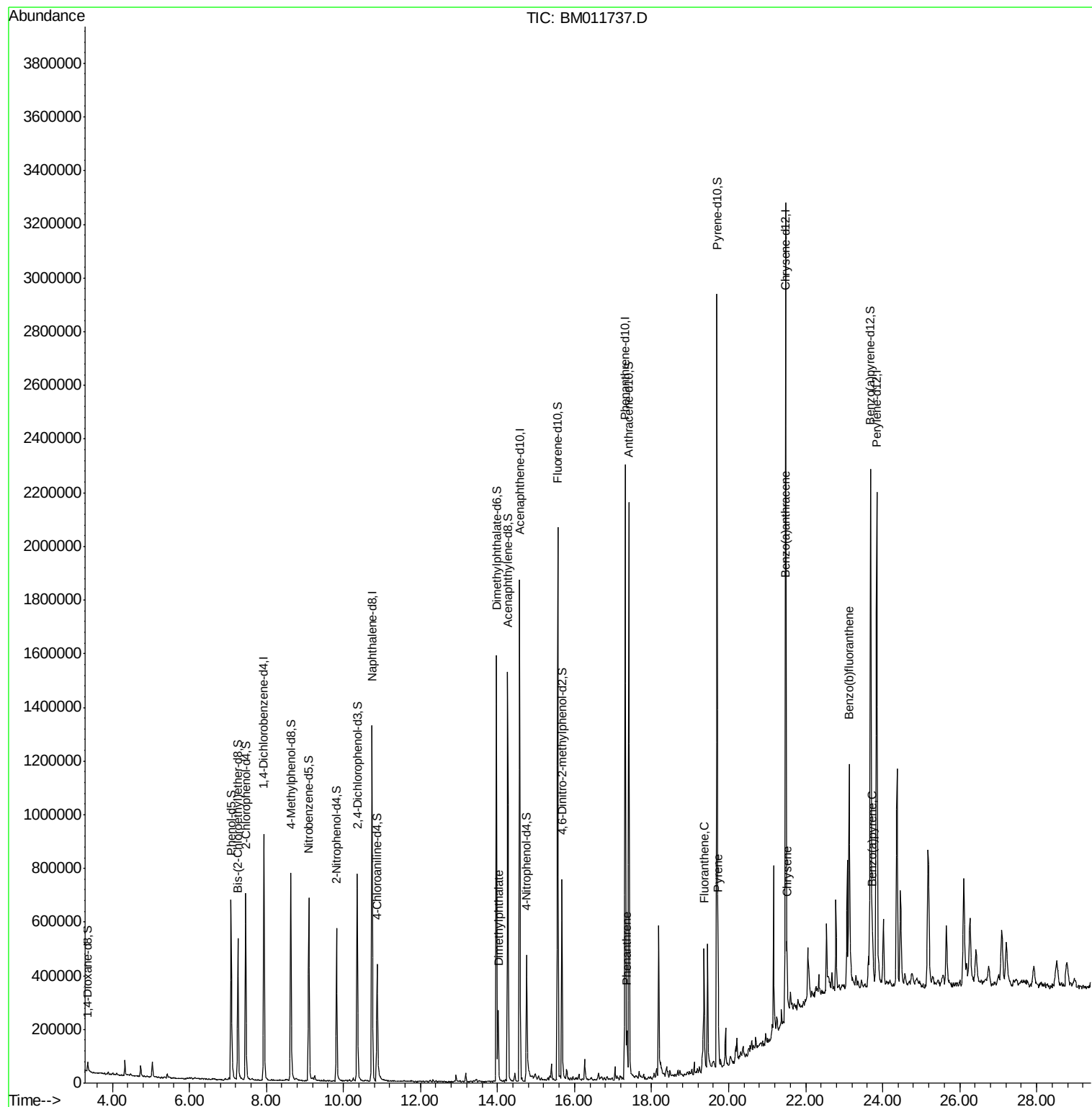
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
Data File : BM011737.D
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ALS Vial : 16 Sample Multiplier: 1

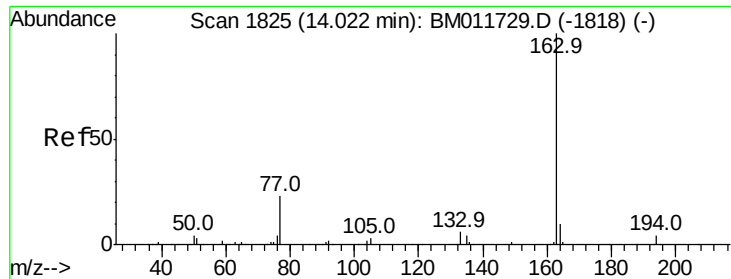
Instrument :
BNA_M
ClientSampleId :
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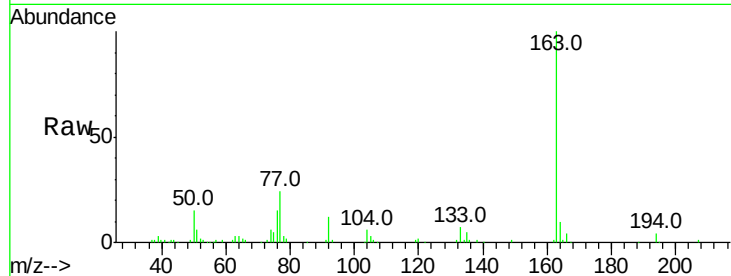
#44
Dimethylphthalate
Concen: 3.174 ng/ul
RT: 14.02 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BM011737.D
Acq: 27 Sep 2017 23:33

Instrument :
BNA_M
ClientSampled :
CB3D7

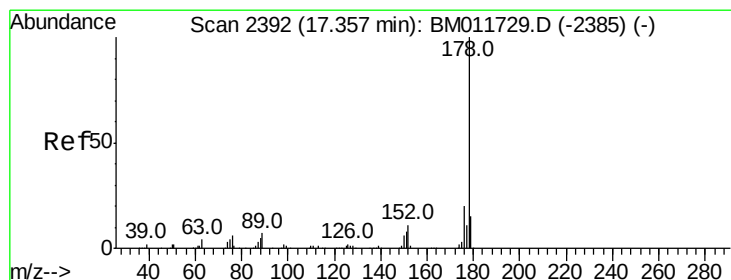
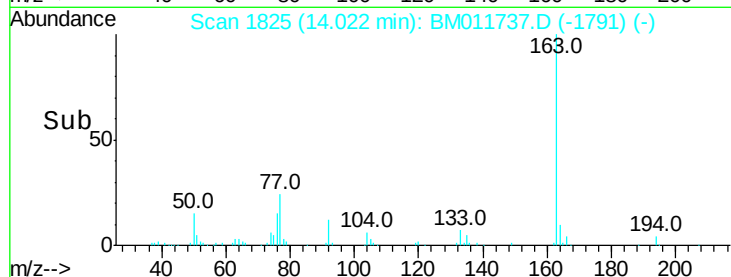
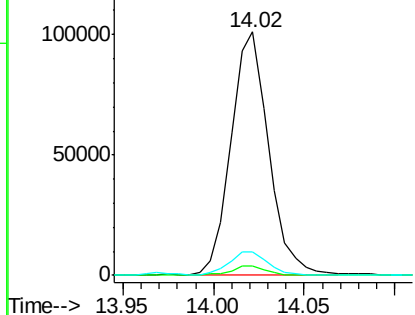
Tot Ion	Ratio	Resp	Lower	Upper
163	100	146782		
194	3.9		3.5	5.3
164	9.7		8.2	12.4

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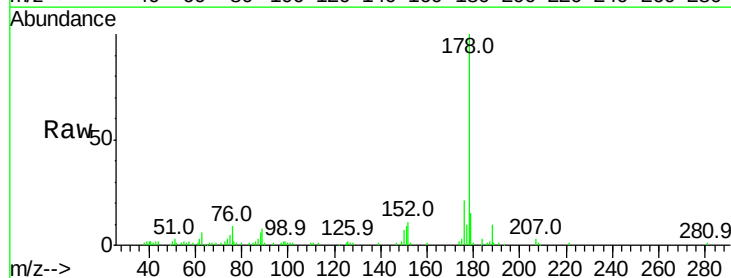


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

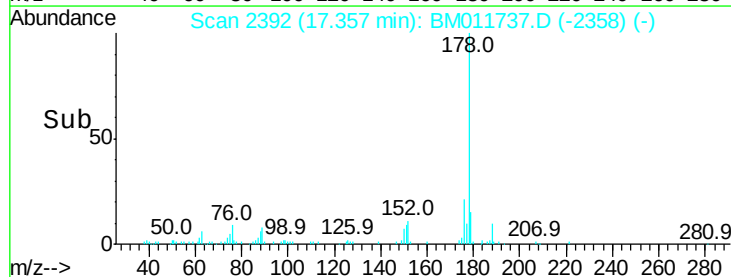
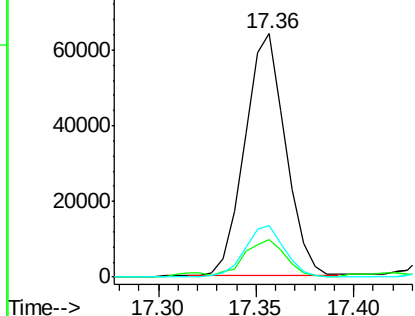


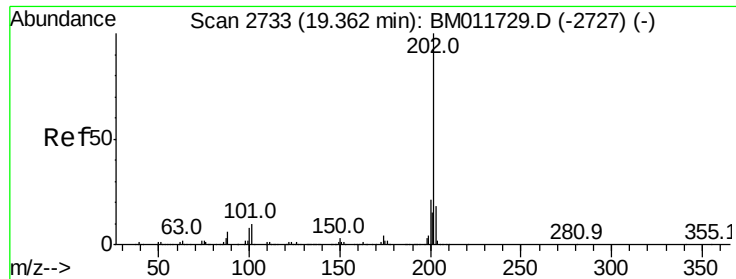
#69
Phenanthrene
Concen: 1.284 ng/ul
RT: 17.36 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM011737.D
Acq: 27 Sep 2017 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	92060		
179	15.4		12.6	19.0
176	21.4		14.9	22.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 2.642 ng/ul

RT: 19.36 min Scan# 2733

Delta R.T. 0.00 min

Lab File: BM011737.D

Acq: 27 Sep 2017 23:33

Instrument :

BNA_M

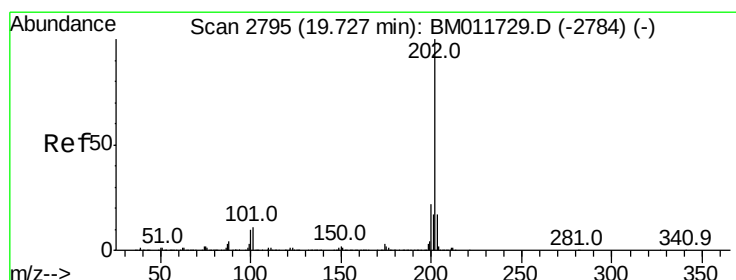
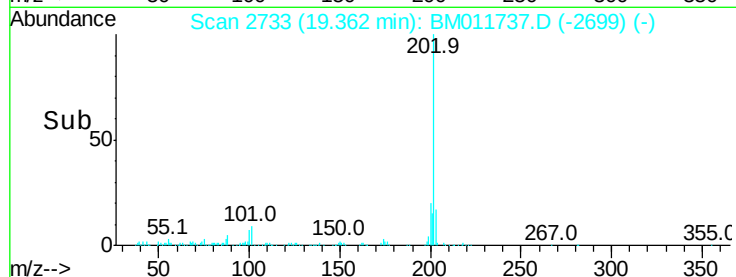
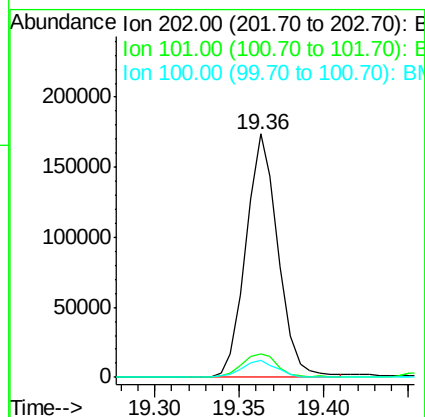
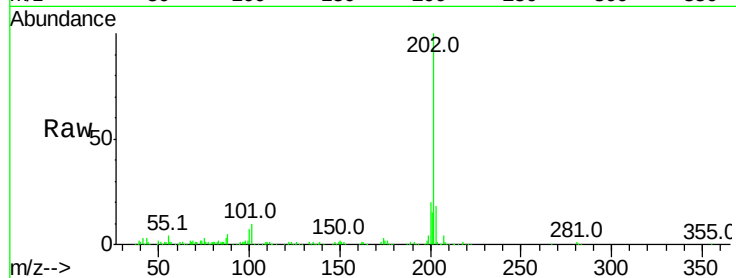
ClientSampleId :

CB3D7

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	4.6	7.0#
100	6.8	3.4	5.2#

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#77

Pyrene

Concen: 2.582 ng/ul

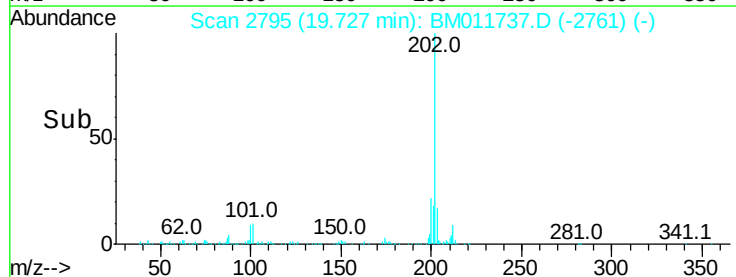
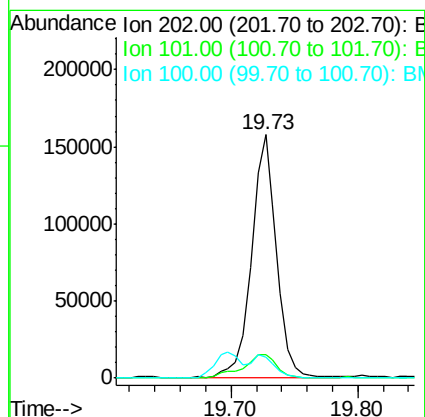
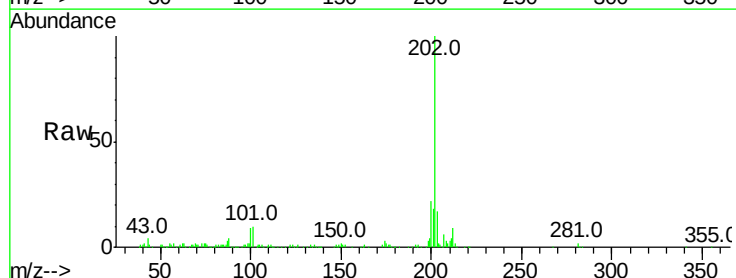
RT: 19.73 min Scan# 2795

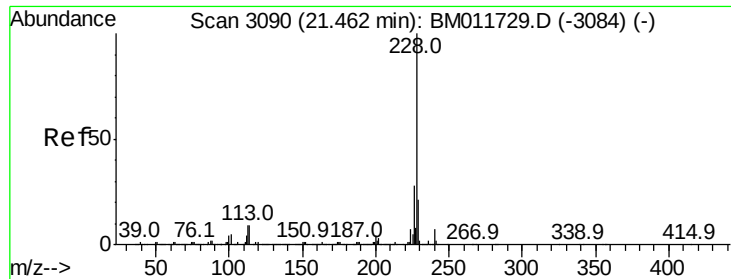
Delta R.T. 0.00 min

Lab File: BM011737.D

Acq: 27 Sep 2017 23:33

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	5.1	7.7#
100	8.6	4.9	7.3#





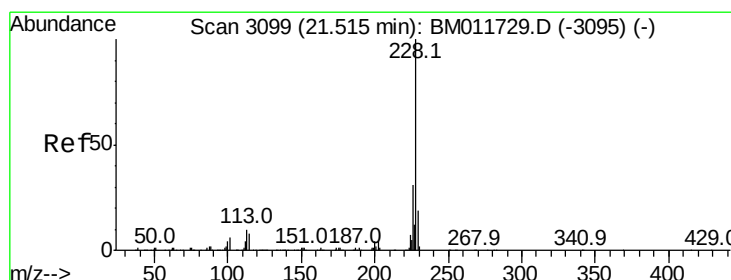
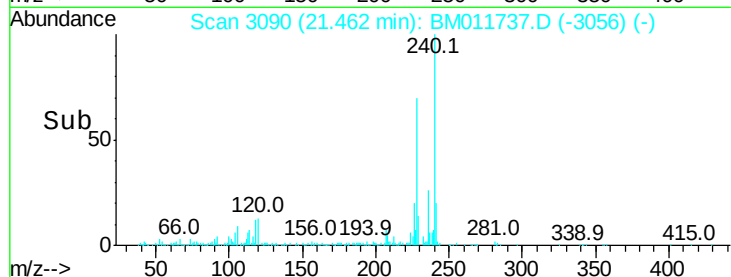
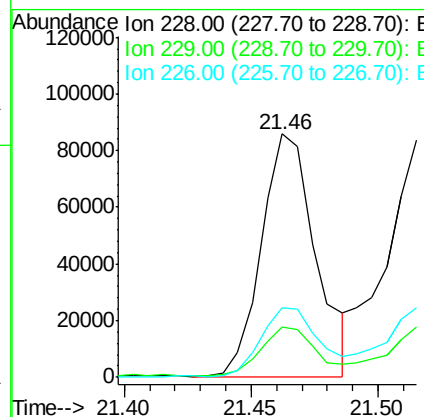
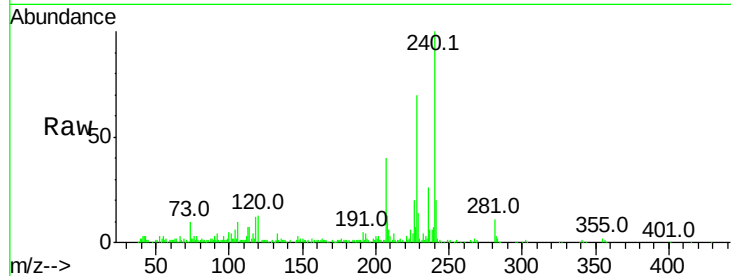
#80
Benzo(a)anthracene
Concen: 1.608 ng/ul
RT: 21.46 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM011737.D
Acq: 27 Sep 2017 23:33

Instrument :
BNA_M
ClientSampleId :
CB3D7

Tot Ion	Ratio	Resp	Lower	Upper
228	100	127194		
229	20.5	15.4	23.0	
226	28.5	21.4	32.0	

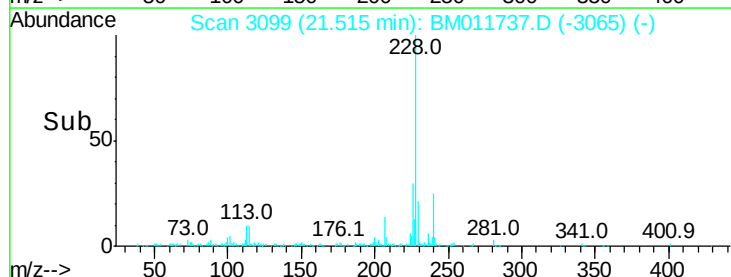
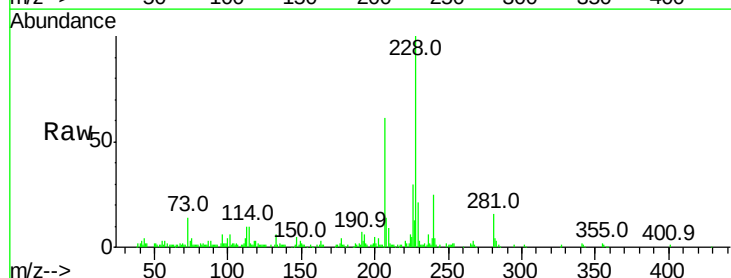
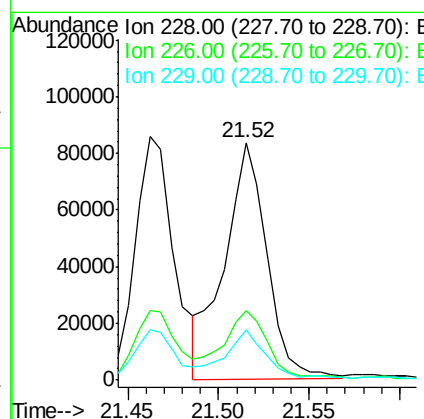
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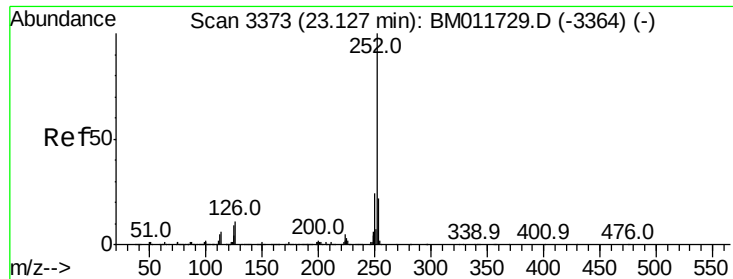
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#82
Chrysene
Concen: 1.828 ng/ul
RT: 21.52 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM011737.D
Acq: 27 Sep 2017 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	136331		
226	29.5	23.4	35.2	
229	21.0	15.5	23.3	





#85

Benzo(b)fluoranthene

Concen: 2.165 ng/ul

RT: 23.13 min Scan# 3373

Delta R.T. 0.00 min

Lab File: BM011737.D

Acq: 27 Sep 2017 23:33

Instrument :

BNA_M

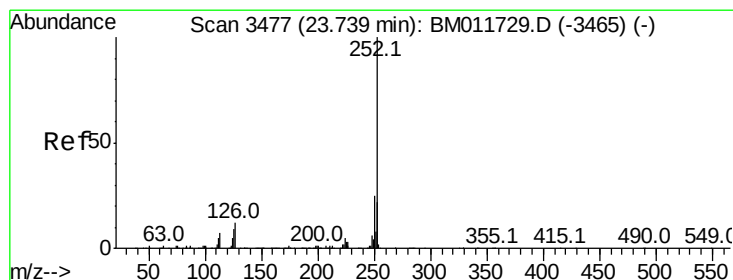
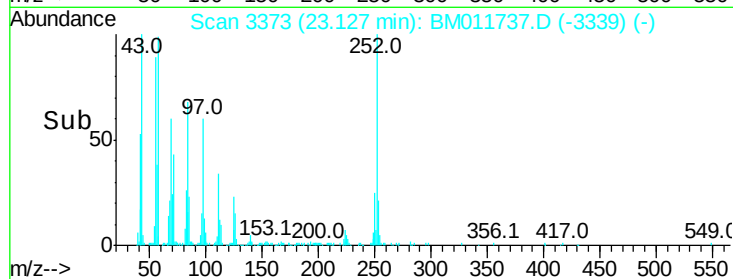
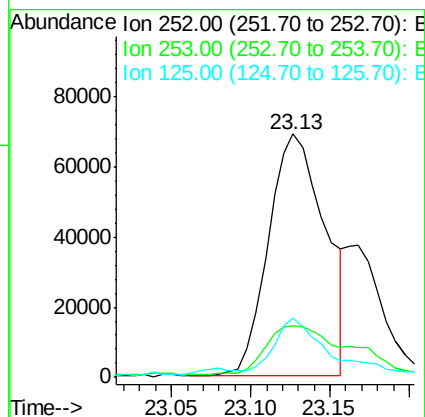
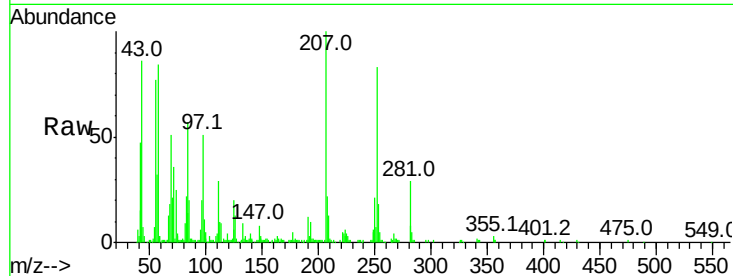
ClientSampleId :

CB3D7

Tot Ion:	252	Resp:	171920
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.9	26.9
125	24.5	3.6	5.4#

Manual Integrations
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#88

Benzo(a)pyrene

Concen: 1.309 ng/ul

RT: 23.74 min Scan# 3477

Delta R.T. 0.00 min

Lab File: BM011737.D

Acq: 27 Sep 2017 23:33

Tgt Ion:	252	Resp:	100419
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.2	27.2
125	11.7	4.0	6.0#

