

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
 Data File : BM011740.D
 Acq On : 28 Sep 2017 01:21
 Operator : SJ/JU
 Sample : I5377-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3E4

Manual Integrations
 APPROVED

Sohil
 9/29/2017 2:22:57 PM

Quant Time: Sep 28 04:59:10 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	222991	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	1026694	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	582659	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1273005	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	1362973	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	1141588	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	8880	1.78	ng/uL	0.00
5) Phenol-d5	7.09	99	205940	9.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	176602	11.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	177742	10.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	156849	9.13	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	84600	10.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	80787	9.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	159418	9.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	47123m	2.61	ng/ul	0.01
43) Dimethylphthalate-d6	13.97	166	551825	11.04	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	673753	11.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	15859m	1.86	ng/ul	0.01
57) Fluorene-d10	15.56	176	493434	11.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	27217	3.16	ng/ul	0.00
70) Anthracene-d10	17.41	188	758273	11.71	ng/ul	0.00
76) Pyrene-d10	19.70	212	900677	13.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	655534	11.99	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	14.02	163	142183	2.975	ng/ul	99
69) Phenanthrene	17.36	178	157687	2.213	ng/ul	99
74) Fluoranthene	19.36	202	305558	3.513	ng/ul#	89
77) Pyrene	19.73	202	290269	3.574	ng/ul#	87
80) Benzo(a)anthracene	21.46	228	162156	2.127	ng/ul	95
82) Chrysene	21.52	228	167559	2.330	ng/ul	98
85) Benzo(b)fluoranthene	23.12	252	208239	3.092	ng/ul#	91
86) Benzo(k)fluoranthene	23.17	252	74827m	1.089	ng/ul	
88) Benzo(a)pyrene	23.73	252	115329	1.773	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.26	276	69201	1.022	ng/ul#	88
91) Benzo(g,h,i)perylene	27.00	276	73022	1.299	ng/ul#	83

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

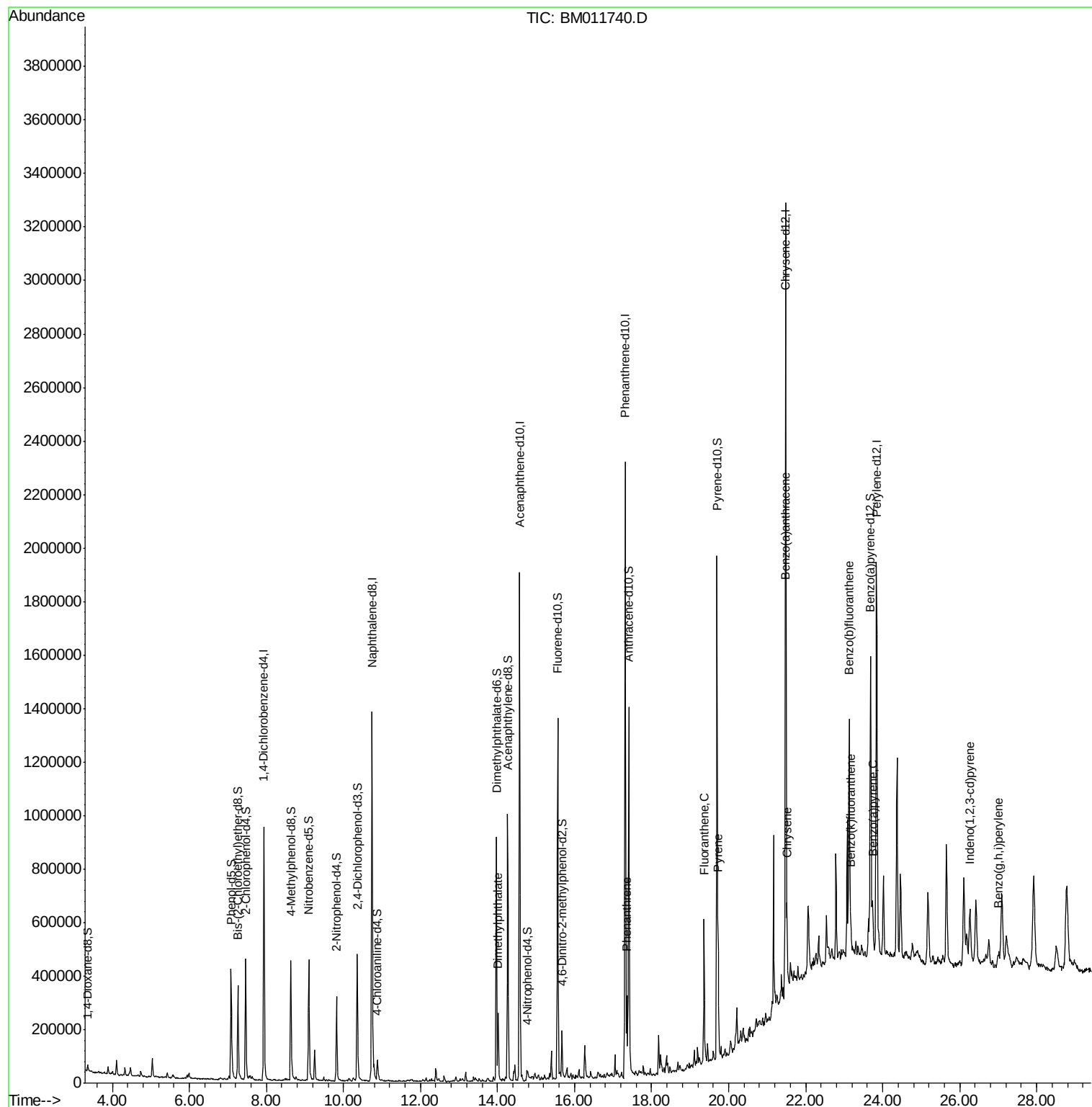
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
Data File : BM011740.D
Acq On : 28 Sep 2017 01:21
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ALS Vial : 19 Sample Multiplier: 1

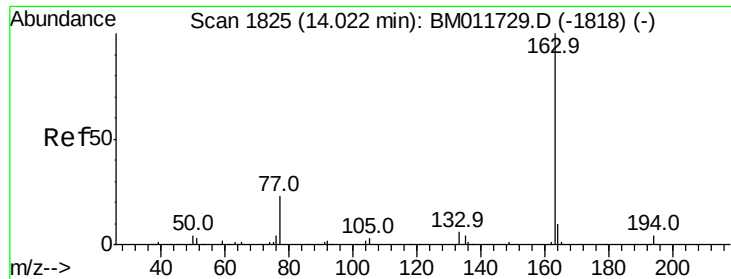
Instrument :
BNA_M
ClientSampleId :
CB3E4

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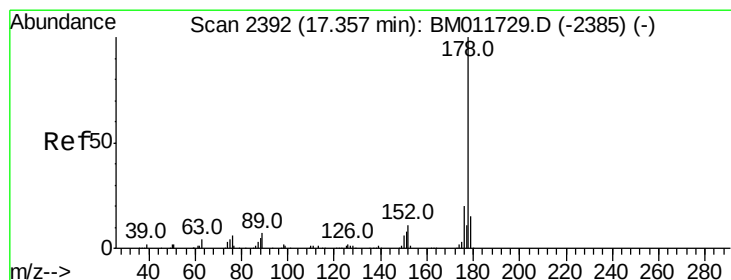
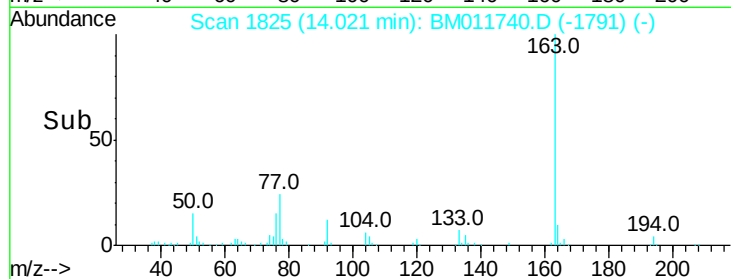
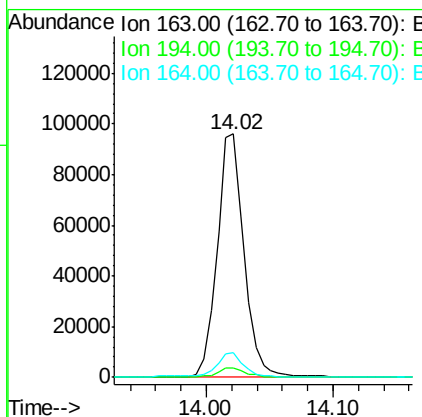
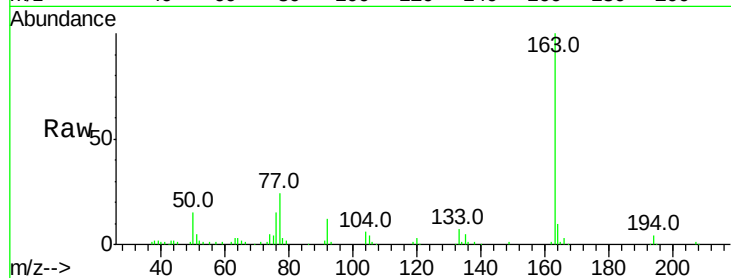
#44
Dimethylphthalate
Concen: 2.975 ng/ul
RT: 14.02 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BM011740.D
Acq: 28 Sep 2017 01:21

Instrument :
BNA_M
ClientSampleId :
CB3E4

Tot Ion	Ratio	Resp	Lower	Upper
163	100	142183		
194	4.1	3.5	5.3	
164	10.0	8.2	12.4	

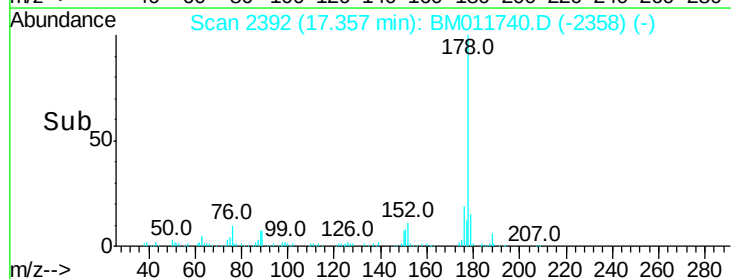
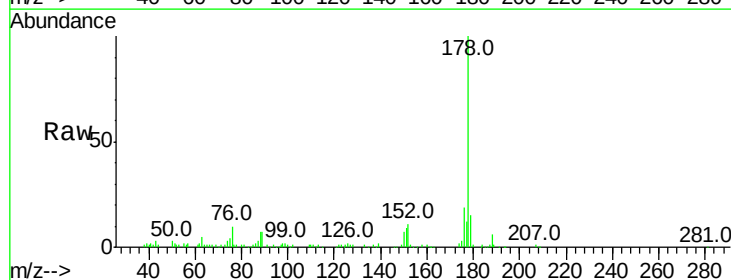
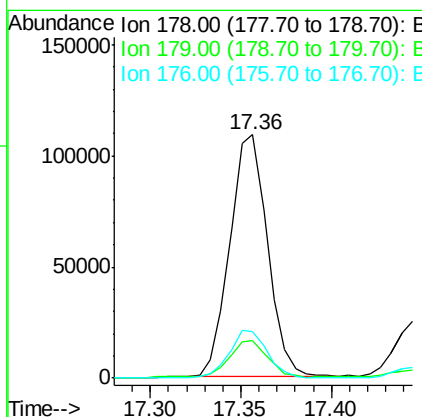
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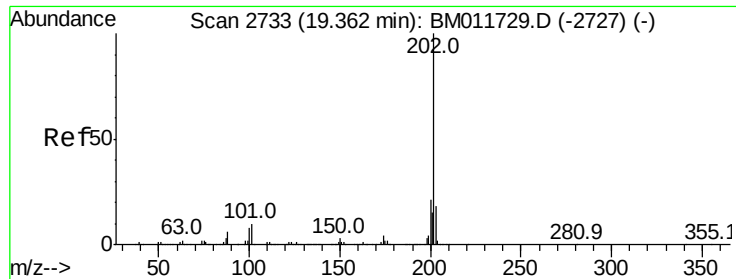
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#69
Phenanthrene
Concen: 2.213 ng/ul
RT: 17.36 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM011740.D
Acq: 28 Sep 2017 01:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	157687		
179	15.3	12.6	19.0	
176	19.0	14.9	22.3	





#74

Fluoranthene

Concen: 3.513 ng/ul

RT: 19.36 min Scan# 2733

Delta R.T. -0.00 min

Lab File: BM011740.D

Acq: 28 Sep 2017 01:21

Instrument :

BNA_M

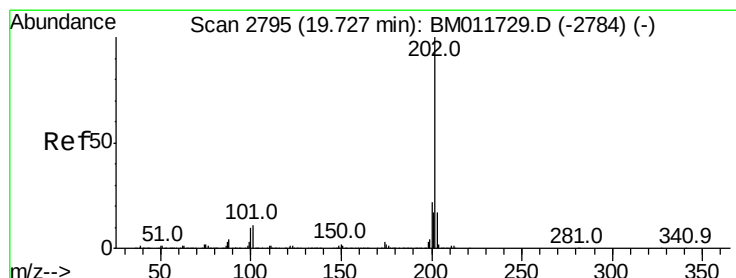
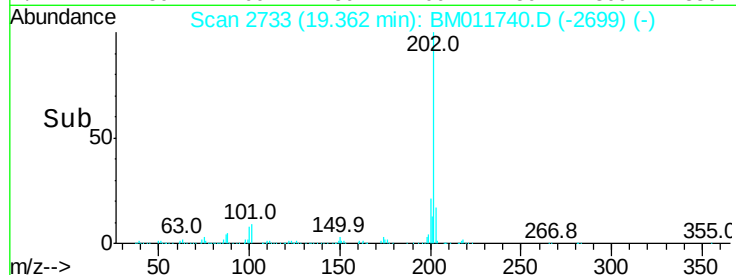
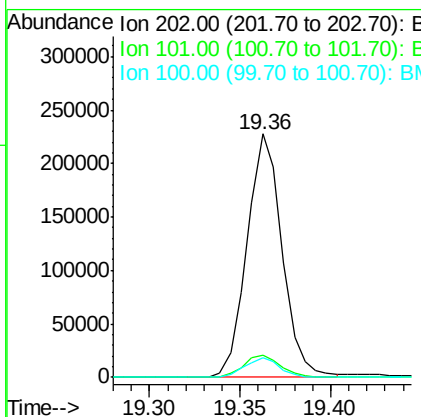
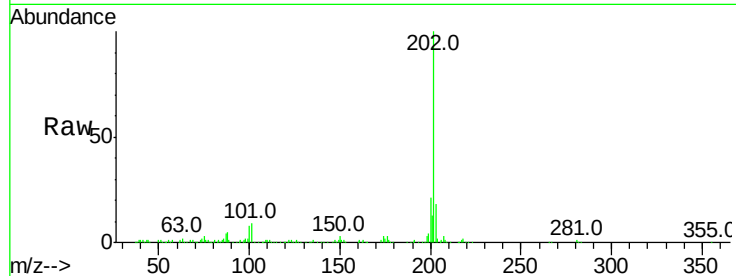
ClientSampleId :

CB3E4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.0	4.6	7.0#
100	8.2	3.4	5.2#

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#77

Pyrene

Concen: 3.574 ng/ul

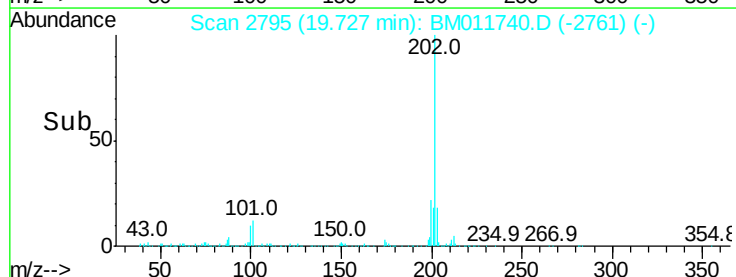
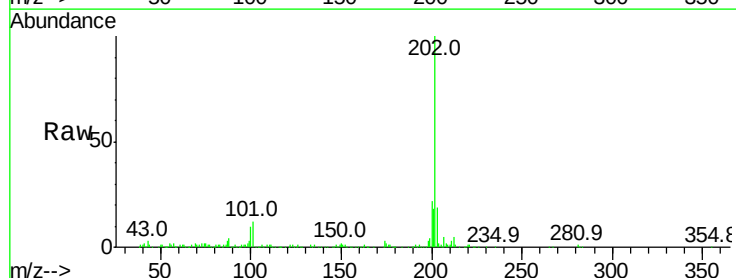
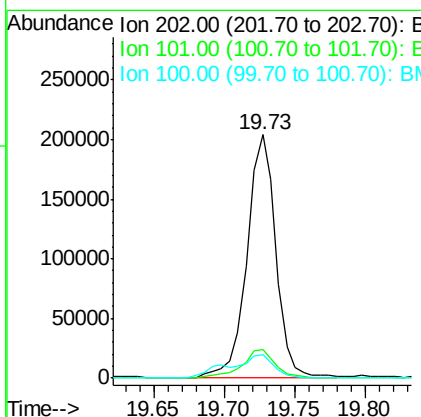
RT: 19.73 min Scan# 2795

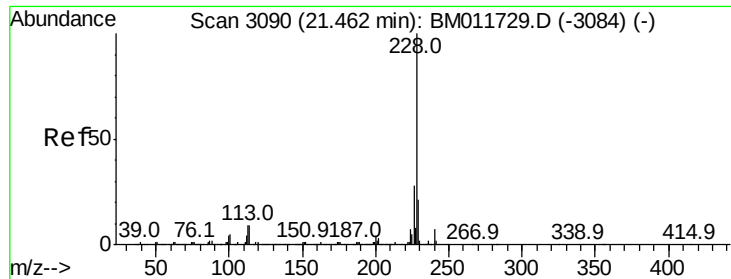
Delta R.T. -0.00 min

Lab File: BM011740.D

Acq: 28 Sep 2017 01:21

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.7	5.1	7.7#
100	9.6	4.9	7.3#





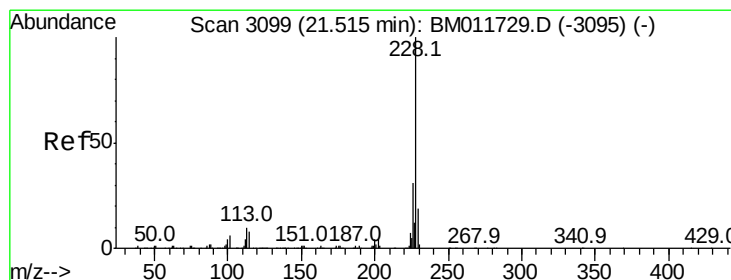
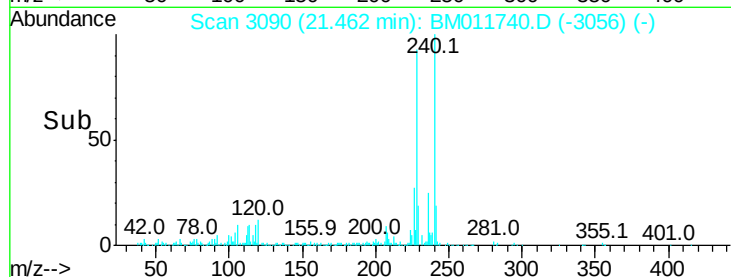
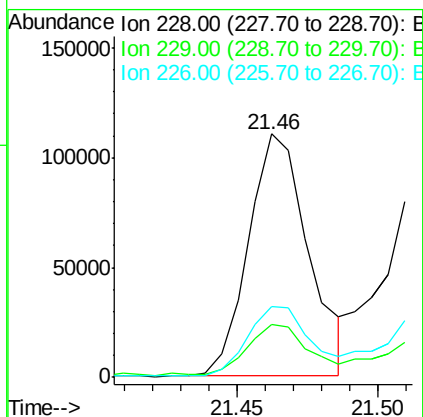
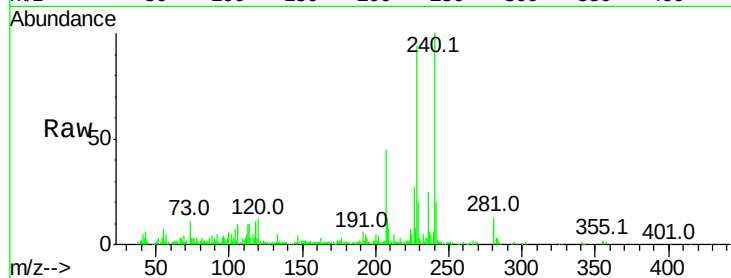
#80
Benzo(a)anthracene
Concen: 2.127 ng/ul
RT: 21.46 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BM011740.D
Acq: 28 Sep 2017 01:21

Instrument :
BNA_M
ClientSampleId :
CB3E4

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.4	23.0
226	29.3	21.4	32.0

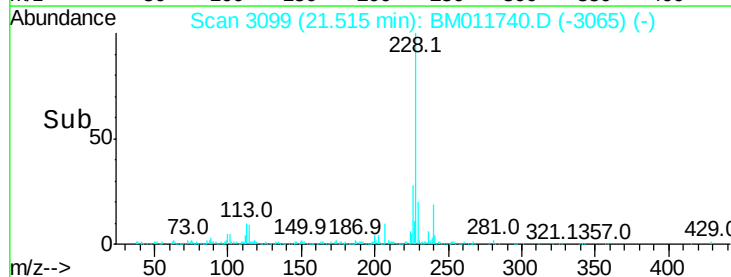
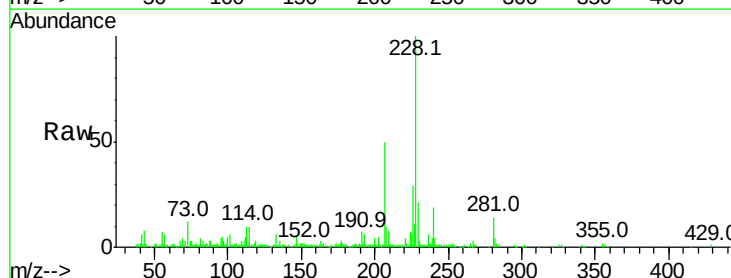
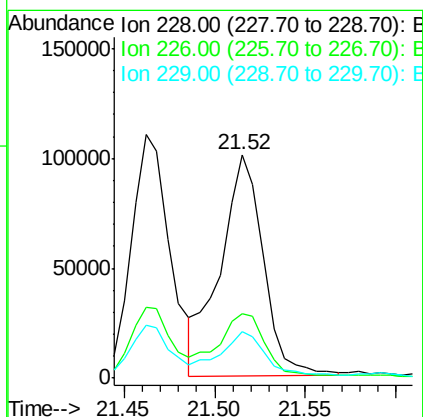
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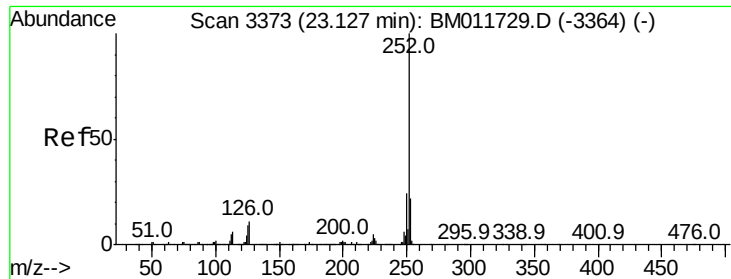
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#82
Chrysene
Concen: 2.330 ng/ul
RT: 21.52 min Scan# 3099
Delta R.T. -0.00 min
Lab File: BM011740.D
Acq: 28 Sep 2017 01:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.2
229	20.9	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 3.092 ng/ul

RT: 23.12 min Scan# 3372

Delta R.T. -0.01 min

Lab File: BM011740.D

Acq: 28 Sep 2017 01:21

Instrument :

BNA_M

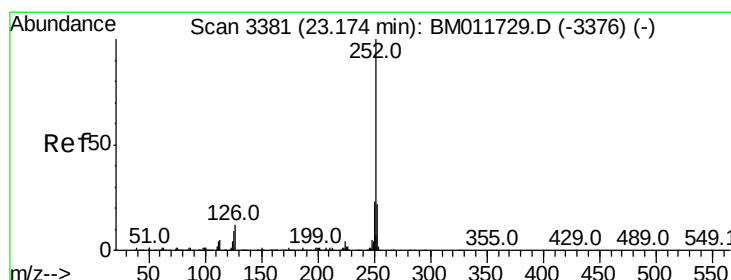
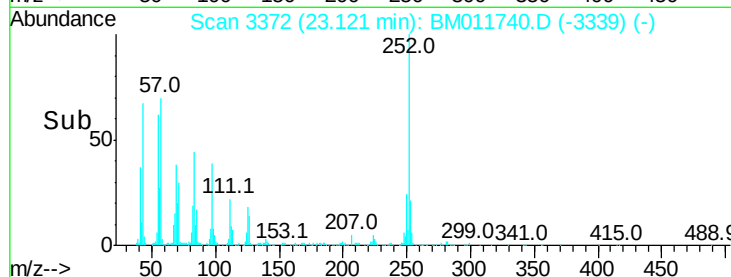
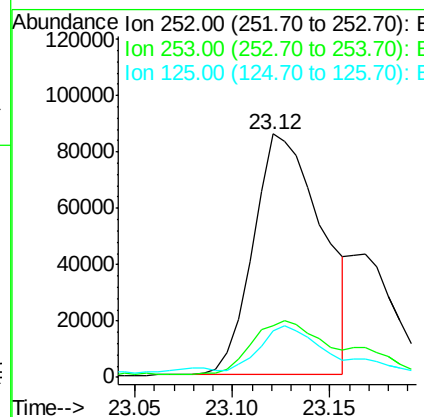
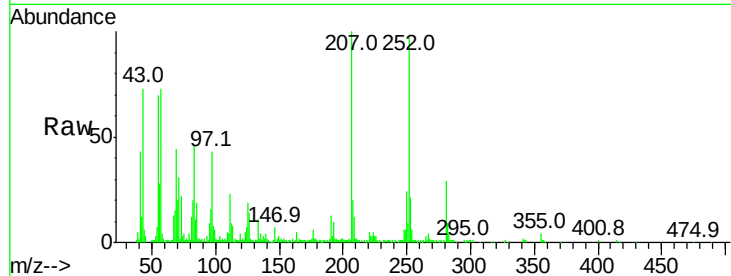
ClientSampled :

CB3E4

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	19.4	3.6	5.4#

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#86

Benzo(k)fluoranthene

Concen: 1.089 ng/ul m

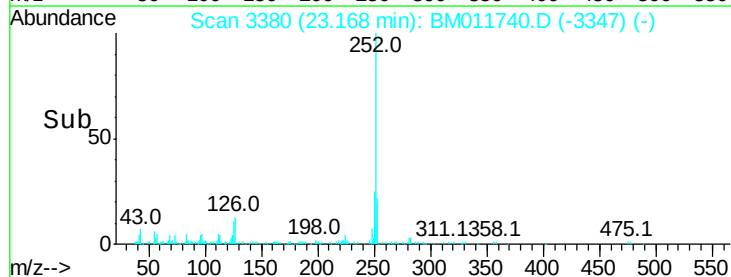
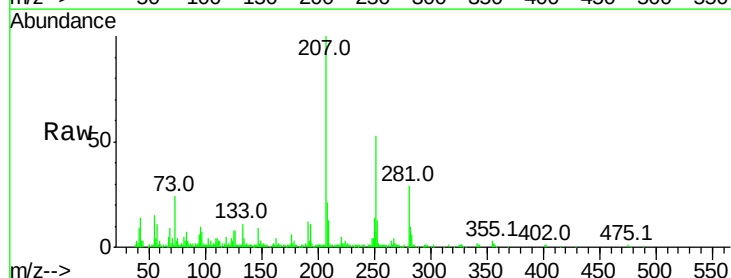
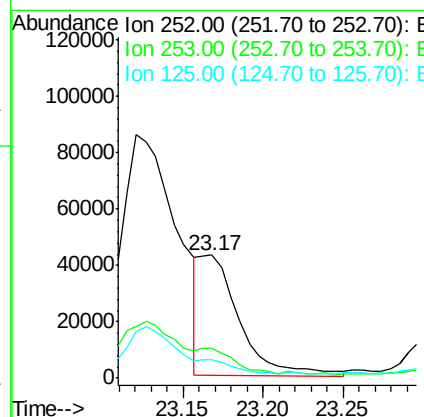
RT: 23.17 min Scan# 3380

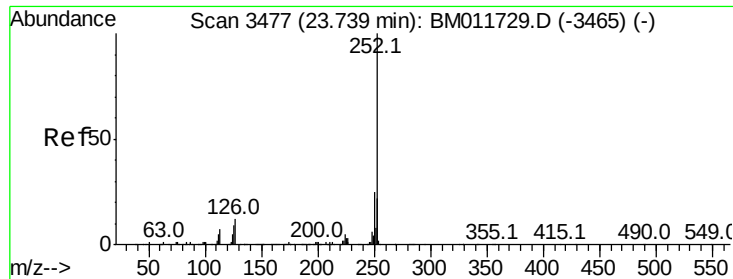
Delta R.T. -0.01 min

Lab File: BM011740.D

Acq: 28 Sep 2017 01:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	14.5	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 1.773 ng/ul

RT: 23.73 min Scan# 3476

Delta R.T. -0.01 min

Lab File: BM011740.D

Acq: 28 Sep 2017 01:21

Instrument :

BNA_M

ClientSampleId :

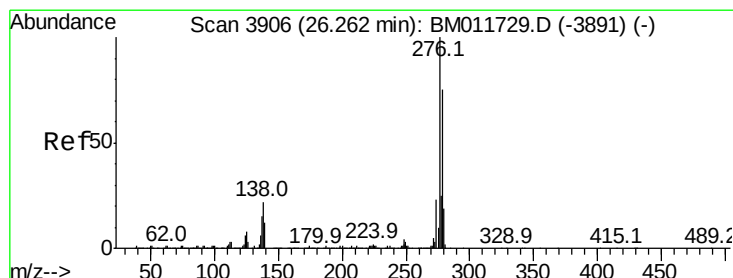
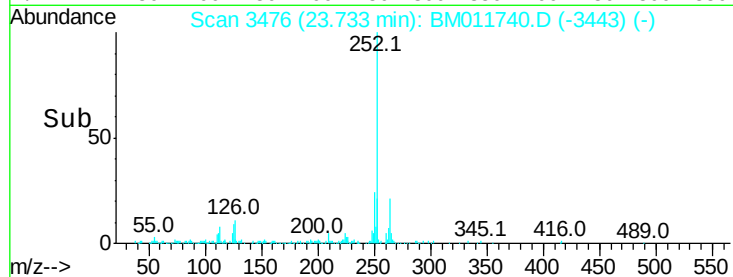
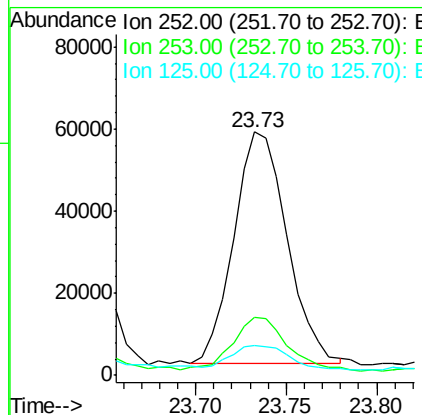
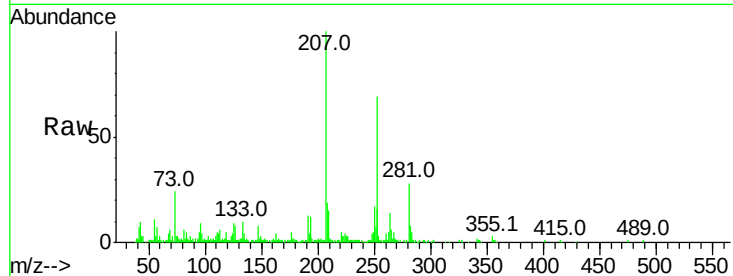
CB3E4

Tot Ion:	252	Resp:	115329
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.2	27.2
125	12.5	4.0	6.0#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.022 ng/ul

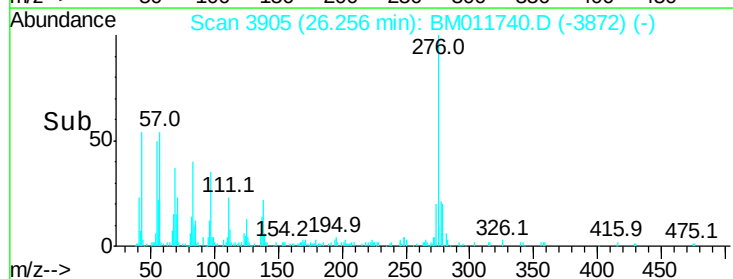
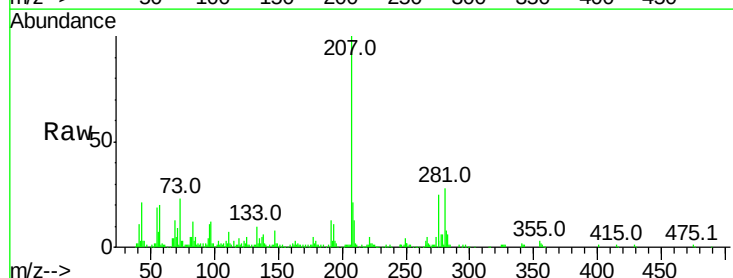
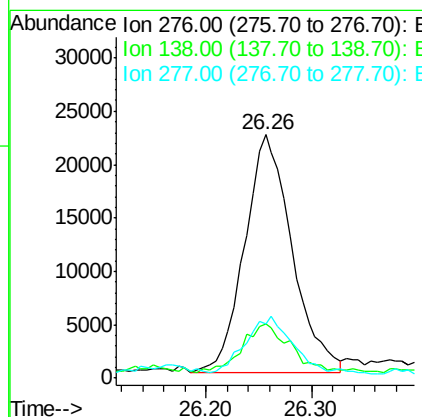
RT: 26.26 min Scan# 3905

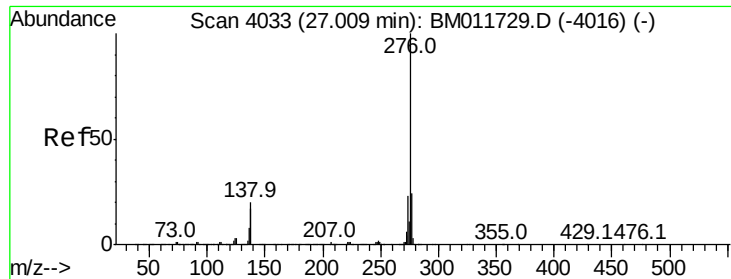
Delta R.T. -0.01 min

Lab File: BM011740.D

Acq: 28 Sep 2017 01:21

Tgt Ion:	276	Resp:	69201
Ion Ratio	Lower	Upper	
276	100		
138	22.2	9.3	13.9#
277	22.4	19.9	29.9





#91
 Benzo(a,h,i)perylene
 Concen: 1.299 ng/ul
 RT: 27.00 min Scan# 4032
 Delta R.T. -0.01 min
 Lab File: BM011740.D
 Acq: 28 Sep 2017 01:21

Instrument :
 BNA_M
 ClientSampleId :
 CB3E4

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.7	8.5	12.7#
277	28.2	18.6	28.0#

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