

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
 Data File : BM011755.D
 Acq On : 28 Sep 2017 10:25
 Operator : SJ/JU
 Sample : I5377-12
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3E6

Manual Integrations
 APPROVED

Sohil
 9/29/2017 2:23:27 PM

Quant Time: Sep 28 15:44:40 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 05:09:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	313609	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	1357765	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	712881	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1421829	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	1021632	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	990517	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	16620	2.36	ng/uL	0.00
5) Phenol-d5	7.09	99	418958	13.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	314140	14.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	342969	14.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	319641	13.23	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	163784	15.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	176416	15.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	319595	14.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	234354	9.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	964992	15.78	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	1163476	15.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	93335	8.93	ng/ul	0.00
57) Fluorene-d10	15.56	176	788905	14.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	64658	6.71	ng/ul	0.00
70) Anthracene-d10	17.42	188	1122471	15.51	ng/ul	0.00
76) Pyrene-d10	19.70	212	1044168	21.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	735731	15.51	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	7.08	77	15676	1.036	ng/ul#	82
6) Phenol	7.12	94	31333	1.004	ng/ul	93
28) Naphthalene	10.79	128	83737	1.180	ng/ul#	94
44) Dimethylphthalate	14.02	163	173586	2.968	ng/ul	99
49) Acenaphthene	14.64	153	62762	1.242	ng/ul	94
58) Fluorene	15.62	166	62184	1.058	ng/ul	95
69) Phenanthrene	17.36	178	1210414	15.211	ng/ul	97
71) Anthracene	17.44	178	260617	3.179	ng/ul	98
72) Carbazole	17.72	167	82800	1.153	ng/ul#	91
74) Fluoranthene	19.37	202	2355469	24.243	ng/ul#	91
77) Pyrene	19.73	202	2243844	36.856	ng/ul#	90
80) Benzo(a)anthracene	21.47	228	1013306	17.728	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.37	149	92929	2.447	ng/ul#	96
82) Chrysene	21.52	228	988835	18.343	ng/ul	96
85) Benzo(b)fluoranthene	23.13	252	1392748	23.831	ng/ul#	93
86) Benzo(k)fluoranthene	23.17	252	429299m	7.201	ng/ul	
88) Benzo(a)pyrene	23.74	252	960768	17.021	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.27	276	714394	12.156	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.27	278	193710	3.936	ng/ul#	87
91) Benzo(g,h,i)perylene	27.01	276	463311	9.498	ng/ul#	92

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

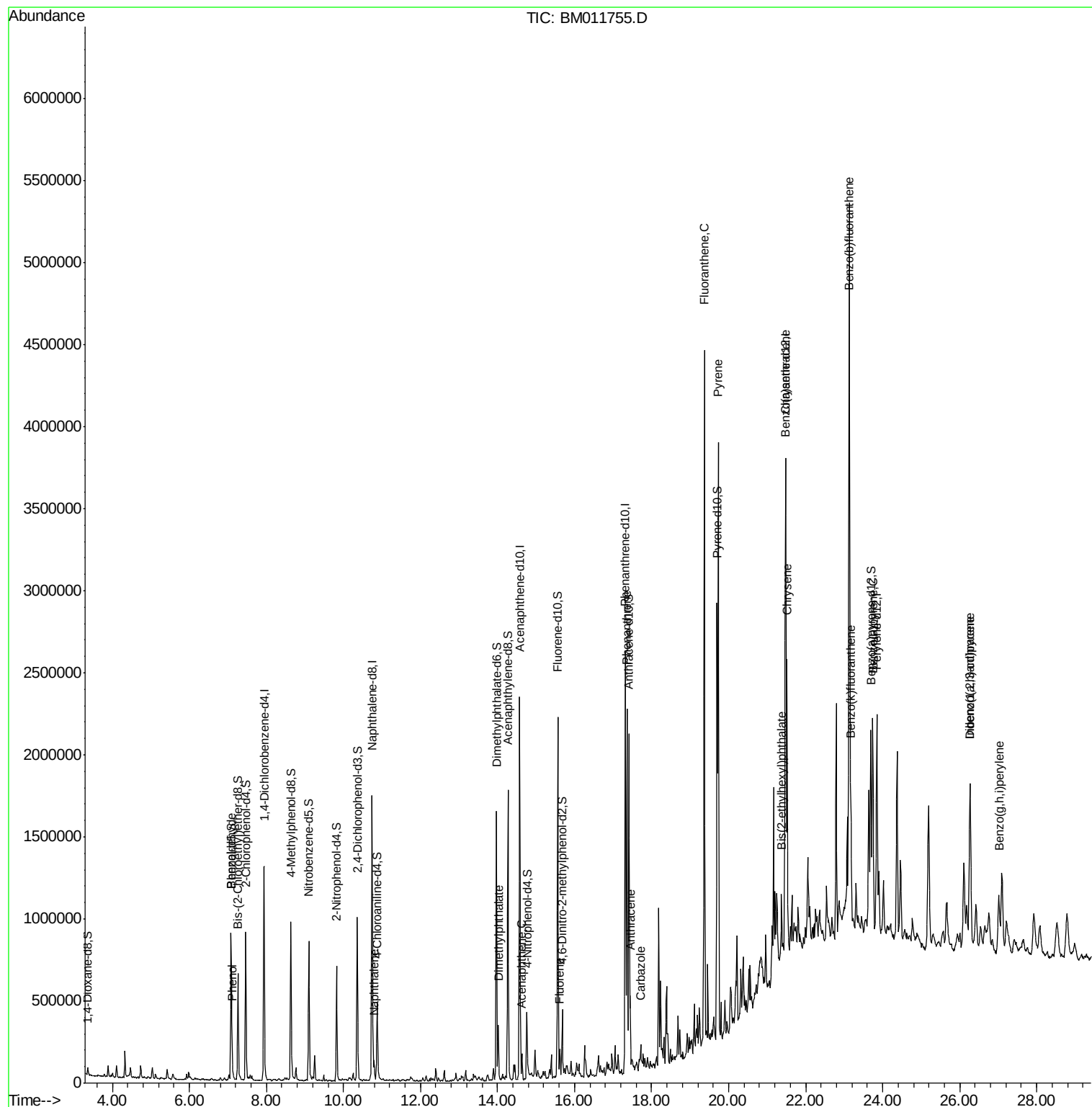
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
Data File : BM011755.D
Acq On : 28 Sep 2017 10:25
Operator : SJ/JU
Sample : I5377-12
Misc :
ALS Vial : 33 Sample Multiplier: 1

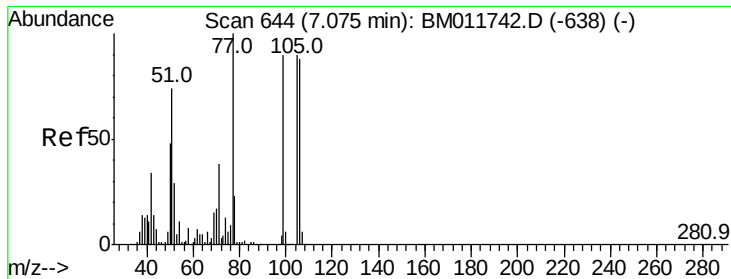
Instrument :
BNA_M
ClientSampled :
CB3E6

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Quant Time: Sep 28 15:44:40 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 05:09:12 2017
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.036 ng/ul

RT: 7.08 min Scan# 645

Delta R.T. 0.01 min

Lab File: BM011755.D

Acq: 28 Sep 2017 10:25

Instrument :

BNA_M

ClientSampled :

CB3E6

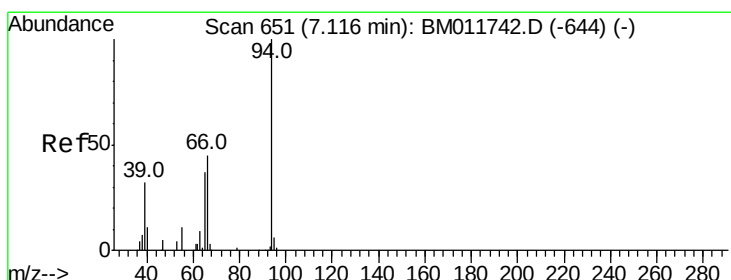
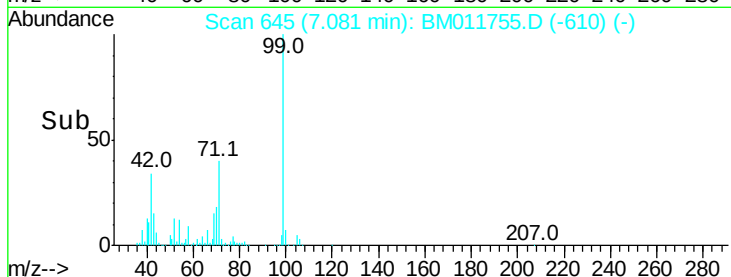
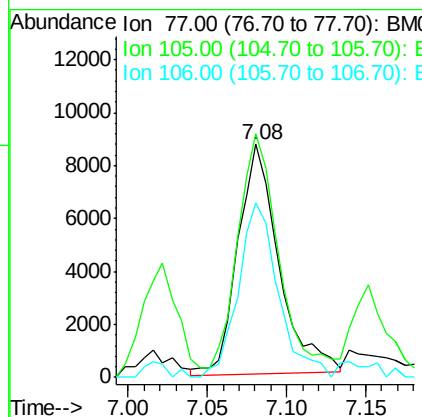
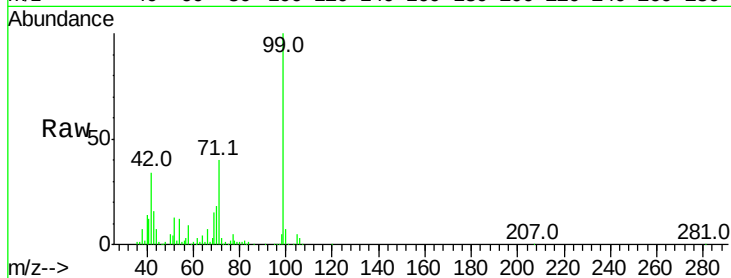
Tot Ion: 77 Resp: 15676

Ion	Ratio	Lower	Upper
77	100		
105	104.4	66.1	99.1#
106	74.6	67.8	101.6

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#6

Phenol

Concen: 1.004 ng/ul

RT: 7.12 min Scan# 651

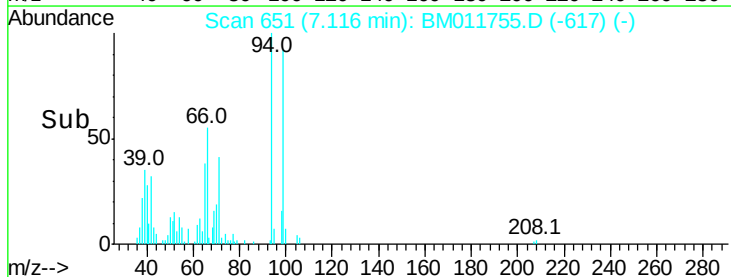
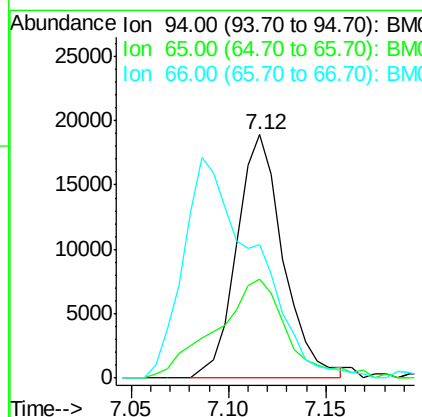
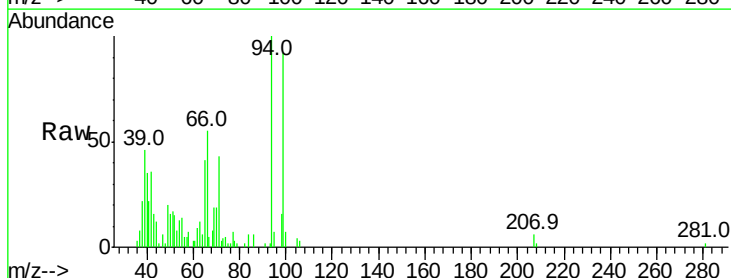
Delta R.T. -0.00 min

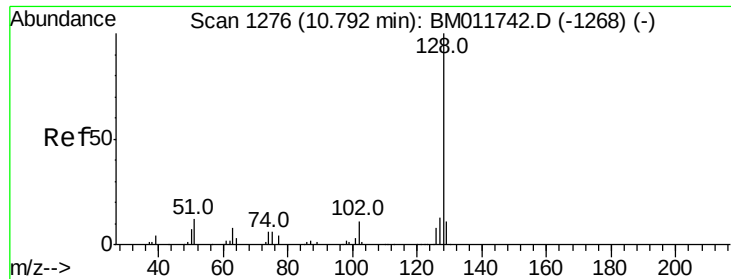
Lab File: BM011755.D

Acq: 28 Sep 2017 10:25

Tgt Ion: 94 Resp: 31333

Ion	Ratio	Lower	Upper
94	100		
65	40.8	28.2	42.4
66	55.1	47.2	70.8





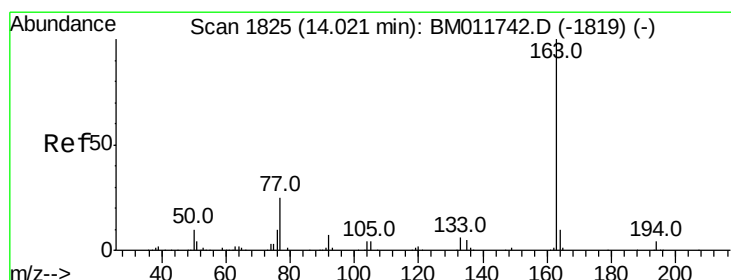
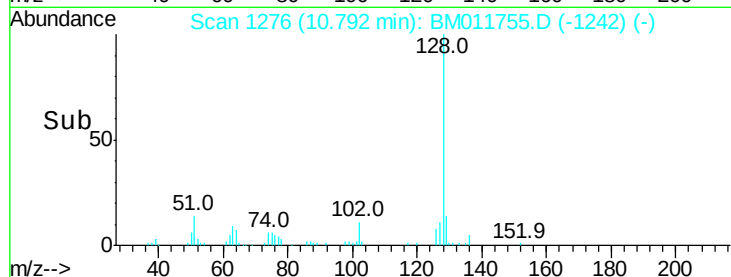
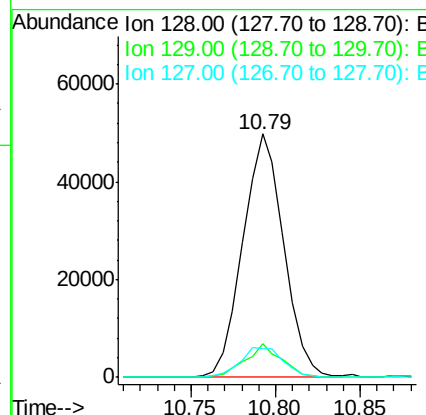
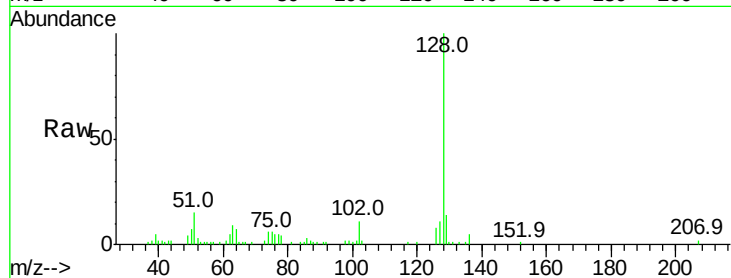
#28
Naphthalene
Concen: 1.180 ng/ul
RT: 10.79 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BM011755.D
Acq: 28 Sep 2017 10:25

Instrument :
BNA_M
ClientSampleId :
CB3E6

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.9	8.8	13.2#
127	11.5	10.6	16.0

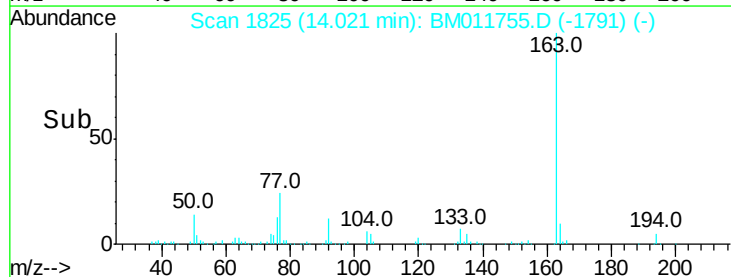
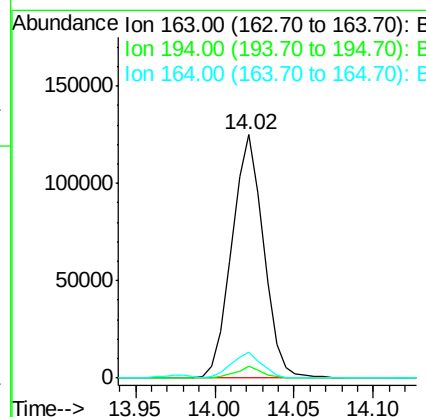
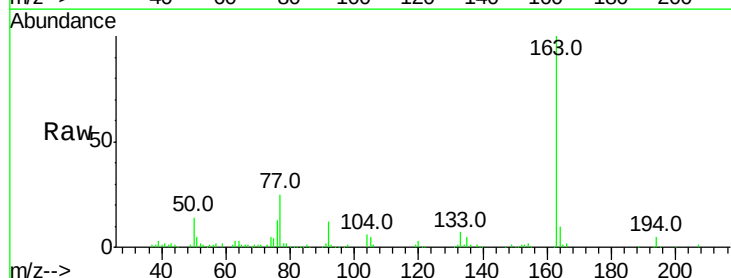
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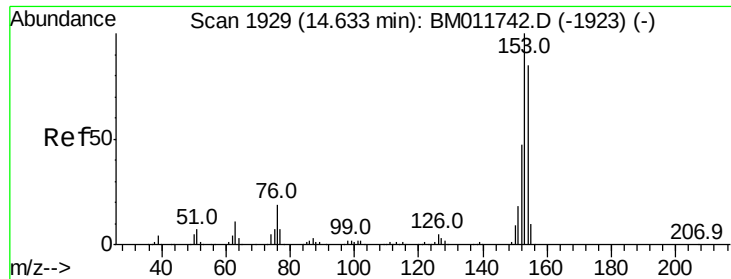
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#44
Dimethylphthalate
Concen: 2.968 ng/ul
RT: 14.02 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BM011755.D
Acq: 28 Sep 2017 10:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.5	8.2	12.4





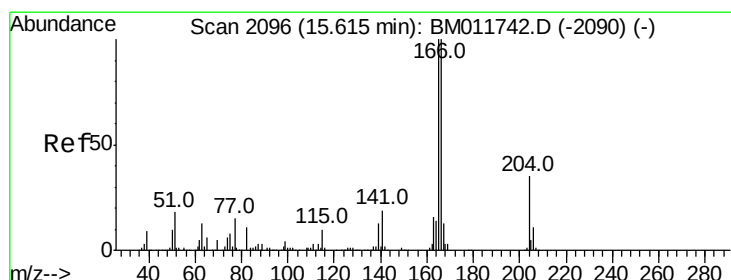
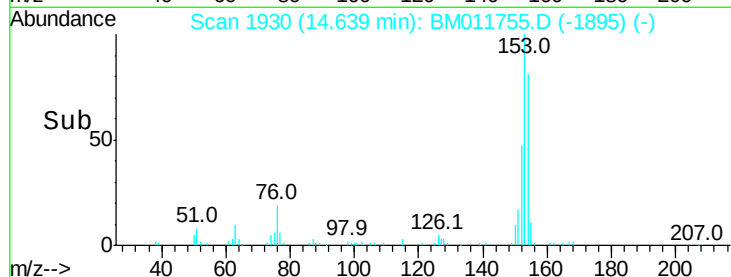
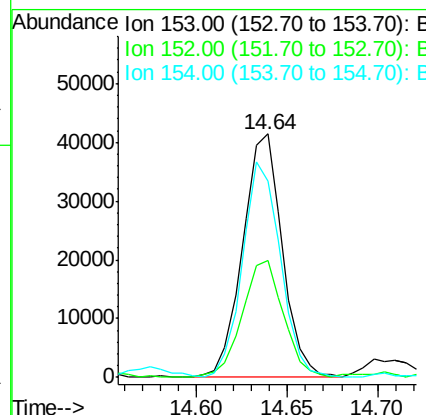
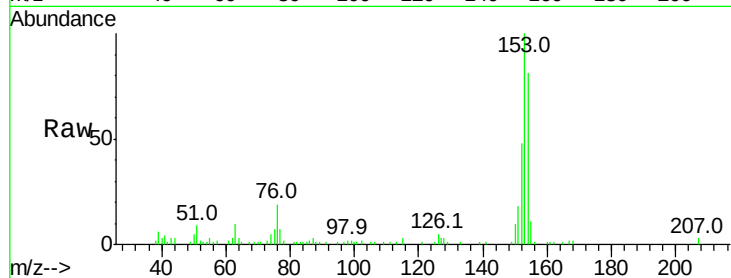
#49
Acenaphthene
Concen: 1.242 ng/ul
RT: 14.64 min Scan# 1930
Delta R.T. 0.01 min
Lab File: BM011755.D
Acq: 28 Sep 2017 10:25

Instrument :
BNA_M
ClientSampleId :
CB3E6

Tot Ion	Ratio	Lower	Upper
153	100		
152	47.8	37.6	56.4
154	80.7	70.4	105.6

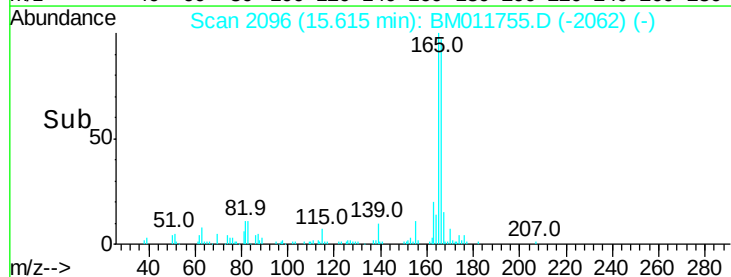
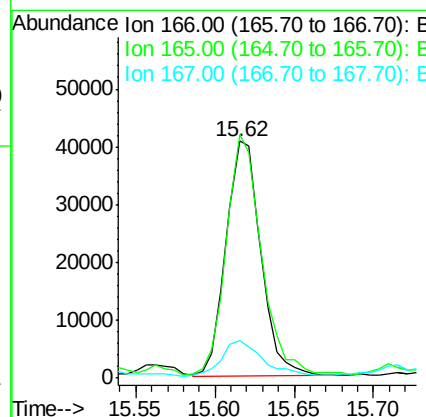
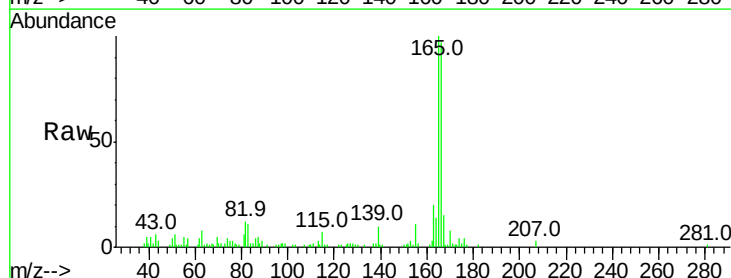
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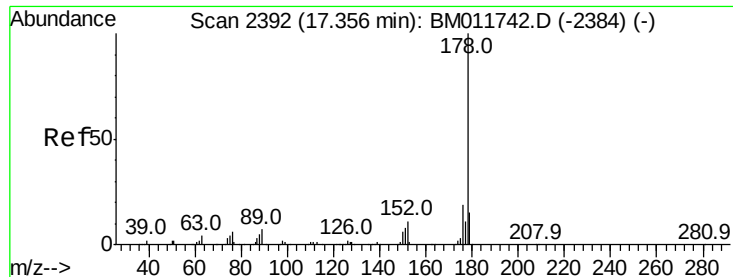
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#58
Fluorene
Concen: 1.058 ng/ul
RT: 15.62 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM011755.D
Acq: 28 Sep 2017 10:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.7	77.9	116.9
167	15.8	10.6	16.0





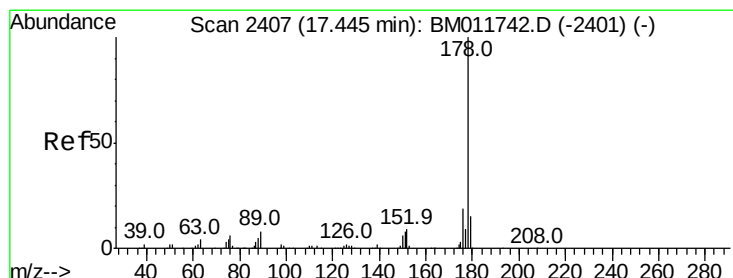
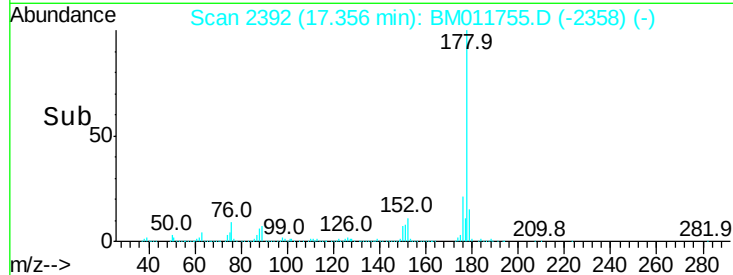
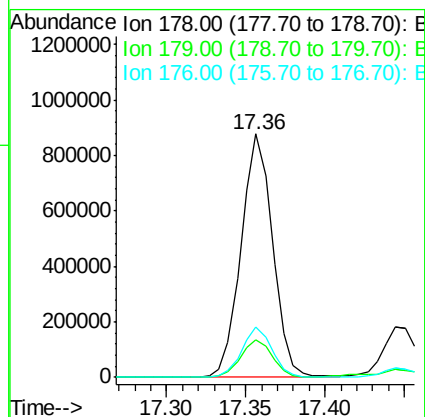
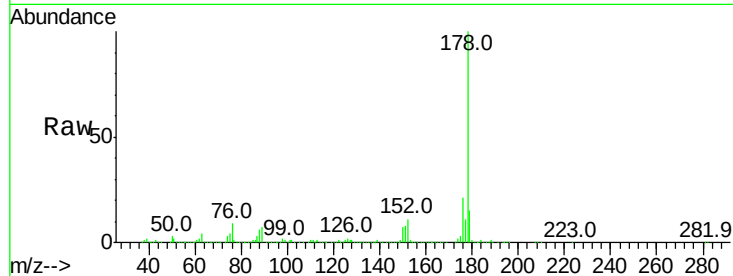
#69
Phenanthrene
Concen: 15.211 ng/ul
RT: 17.36 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM011755.D
Acq: 28 Sep 2017 10:25

Instrument :
BNA_M
ClientSampleId :
CB3E6

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	20.5	14.9	22.3

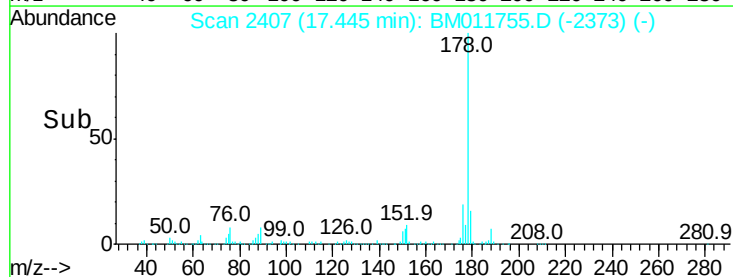
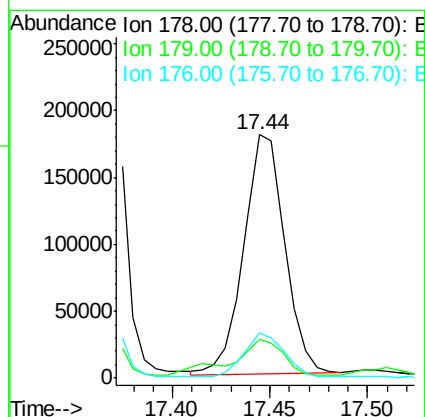
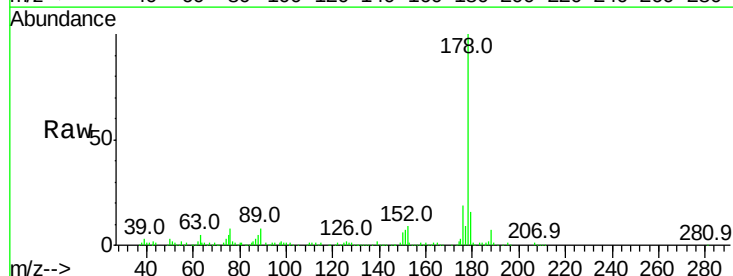
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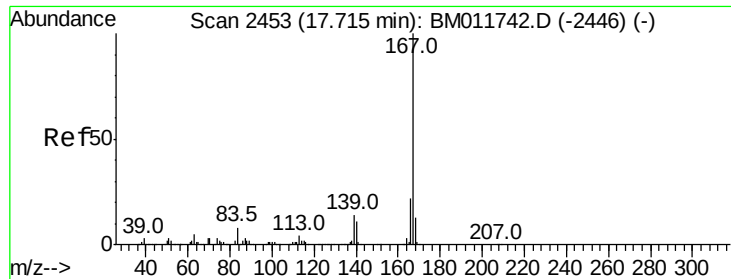
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#71
Anthracene
Concen: 3.179 ng/ul
RT: 17.44 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BM011755.D
Acq: 28 Sep 2017 10:25

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.7	17.5
176	18.8	14.6	21.8





#72

Carbazole

Concen: 1.153 ng/ul

RT: 17.72 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BM011755.D

Acq: 28 Sep 2017 10:25

Instrument :

BNA_M

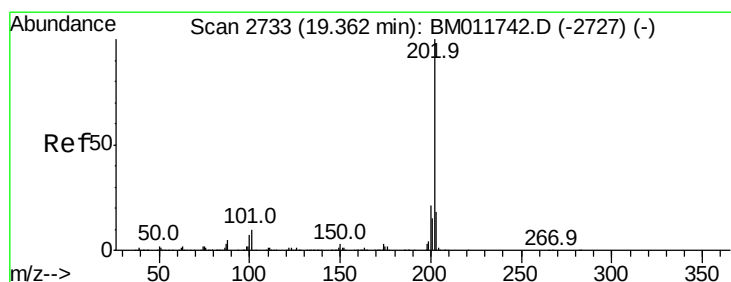
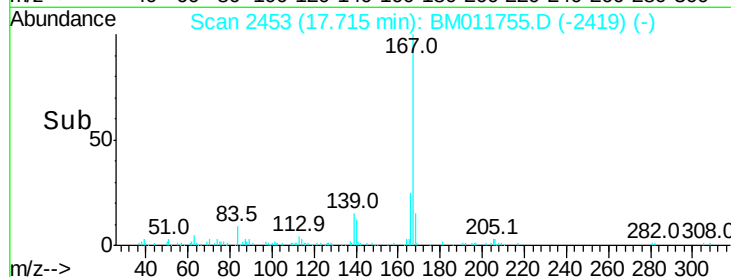
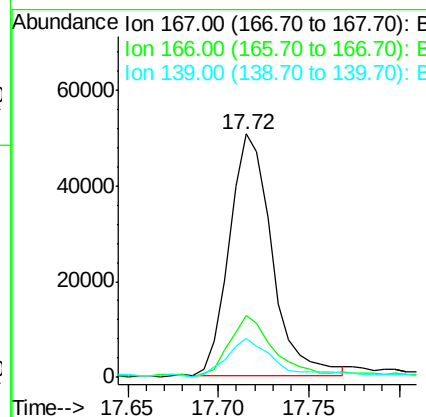
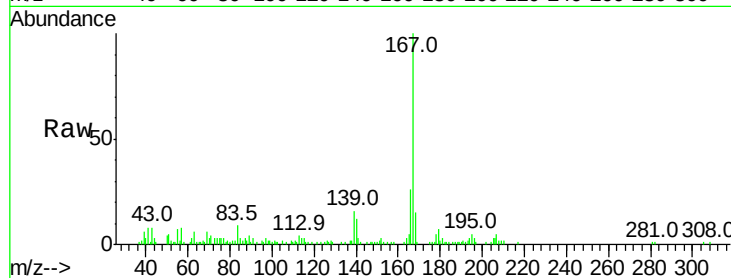
ClientSampleId :

CB3E6

Tot Ion:	167	Resp:	82800
Ion Ratio	Lower	Upper	
167	100		
166	25.6	17.1	25.7
139	15.7	10.0	15.0#

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#74

Fluoranthene

Concen: 24.243 ng/ul

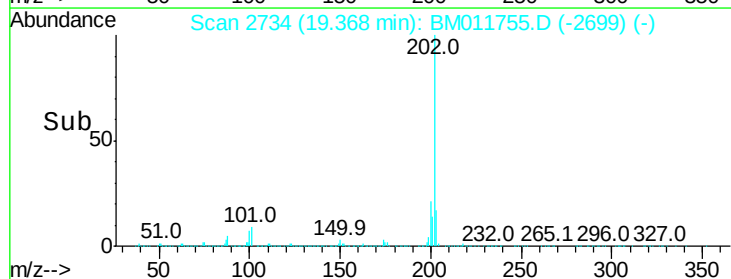
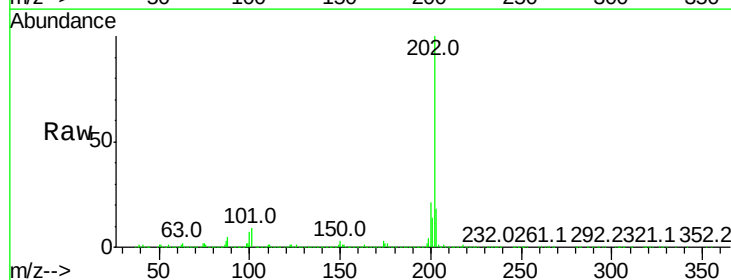
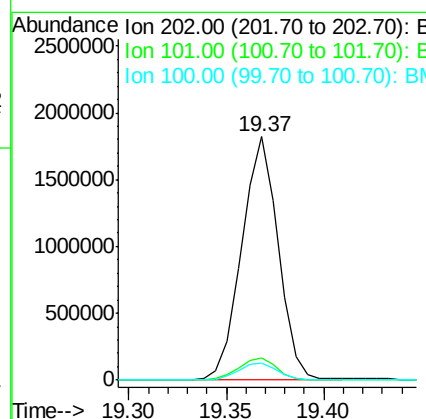
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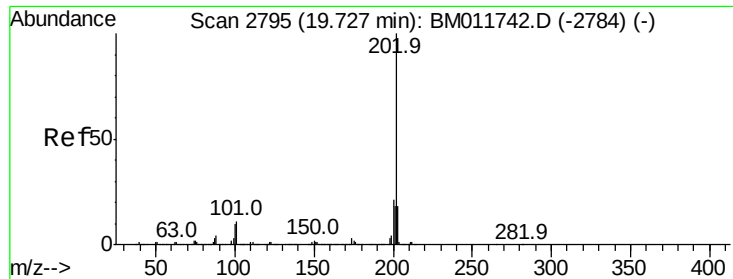
Delta R.T. 0.01 min

Lab File: BM011755.D

Acq: 28 Sep 2017 10:25

Tgt Ion:	202	Resp:	2355469
Ion Ratio	Lower	Upper	
202	100		
101	9.1	4.6	7.0#
100	7.2	3.4	5.2#





#77

Pvrene

Concen: 36.856 ng/ul

RT: 19.73 min Scan# 2796

Delta R.T. 0.01 min

Lab File: BM011755.D

Acq: 28 Sep 2017 10:25

Instrument :

BNA_M

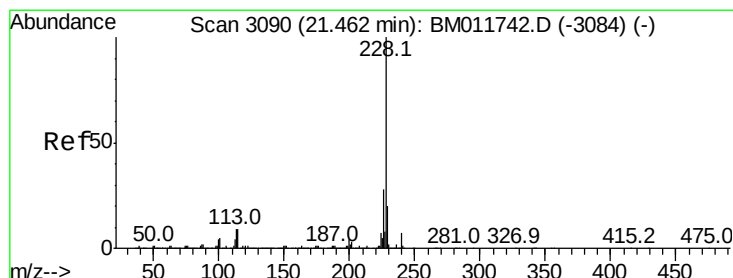
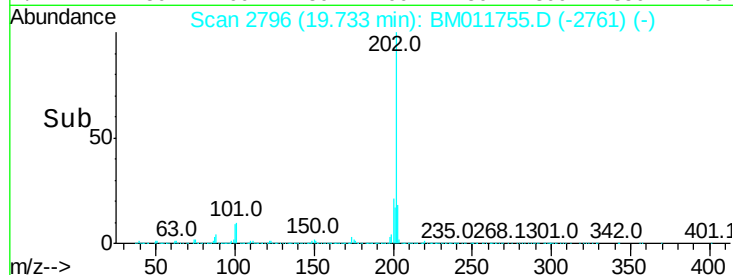
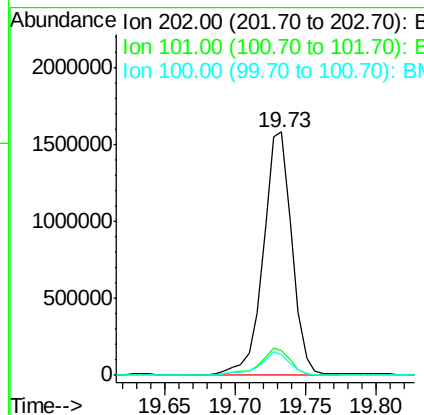
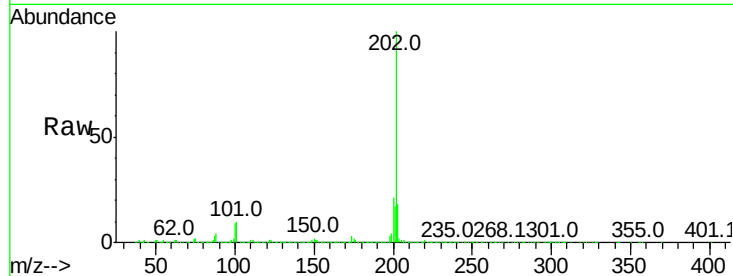
ClientSampleId :

CB3E6

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.4	5.1	7.7#
100	8.8	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 17.728 ng/ul

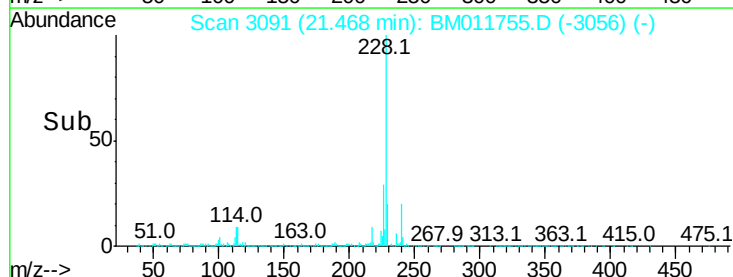
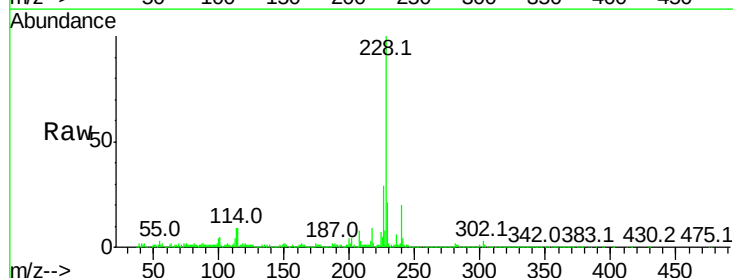
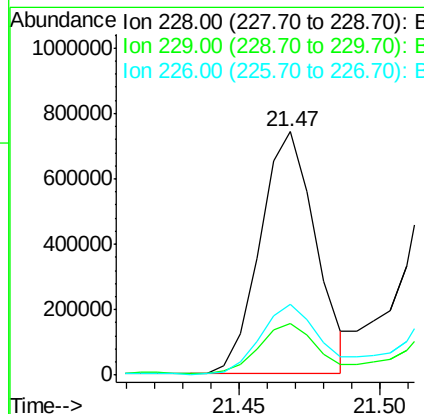
RT: 21.47 min Scan# 3091

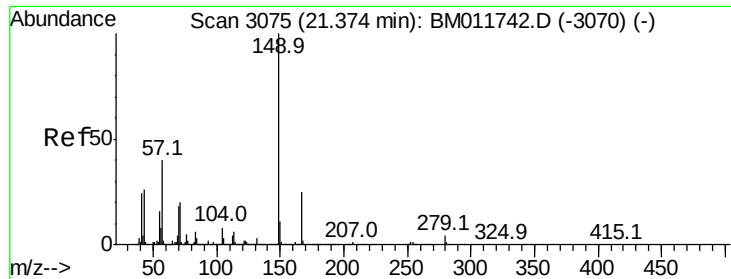
Delta R.T. 0.01 min

Lab File: BM011755.D

Acq: 28 Sep 2017 10:25

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.4	23.0
226	29.3	21.4	32.0





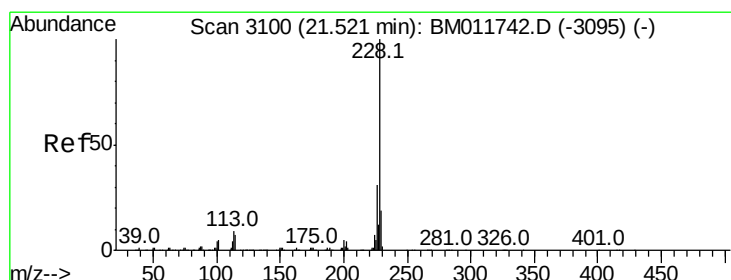
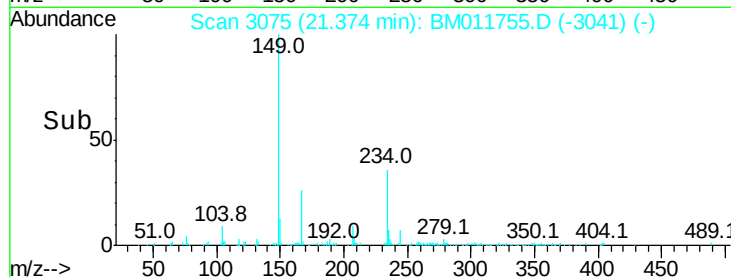
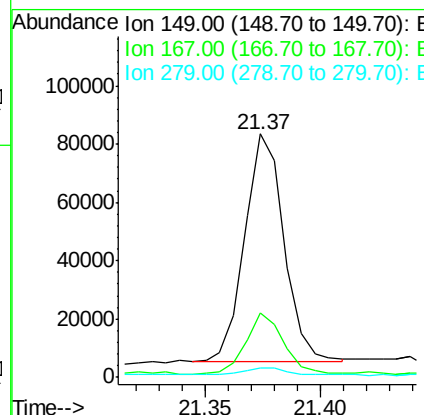
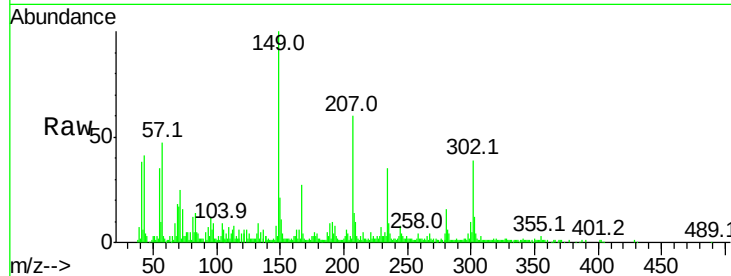
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 2.447 ng/ul
 RT: 21.37 min Scan# 3075
 Delta R.T. -0.00 min
 Lab File: BM011755.D
 Acq: 28 Sep 2017 10:25

Instrument :
 BNA_M
 ClientSampled :
 CB3E6

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.8	34.2
279	3.8	4.9	7.3#

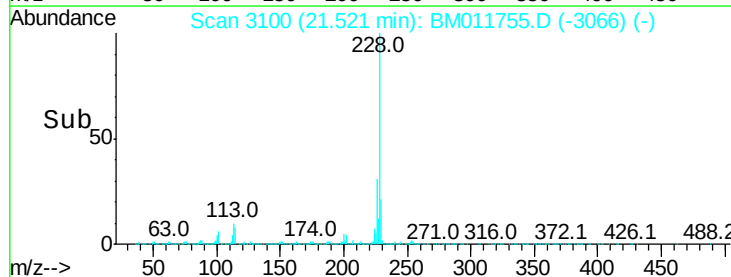
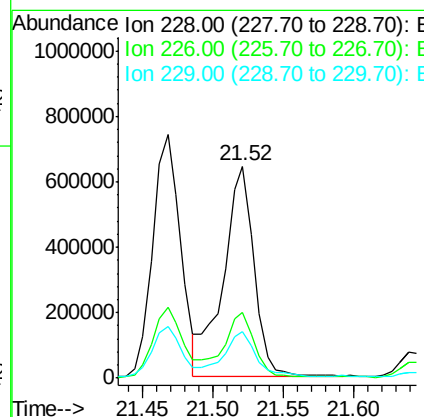
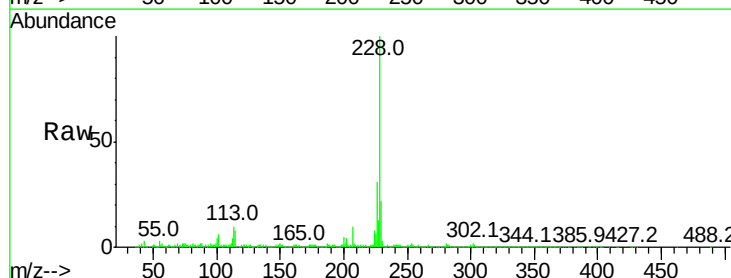
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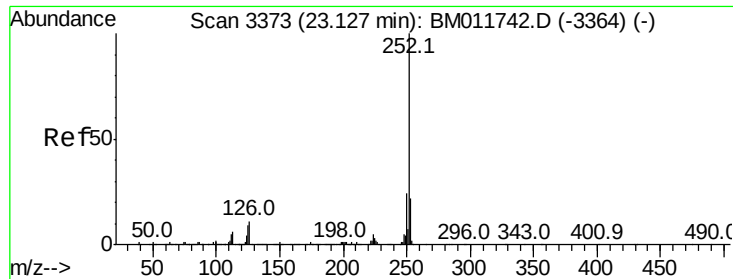
Sohil
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#82
 Chrysene
 Concen: 18.343 ng/ul
 RT: 21.52 min Scan# 3100
 Delta R.T. -0.00 min
 Lab File: BM011755.D
 Acq: 28 Sep 2017 10:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.4	35.2
229	21.7	15.5	23.3





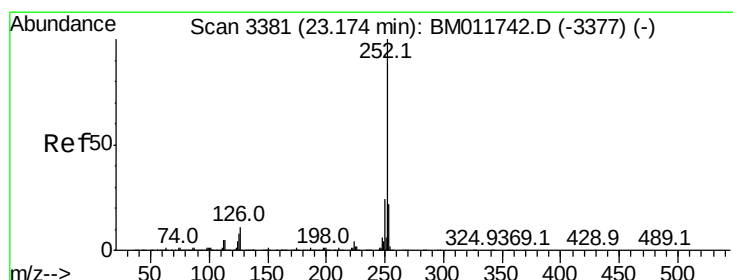
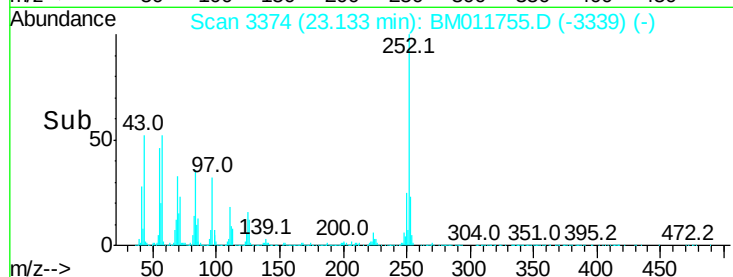
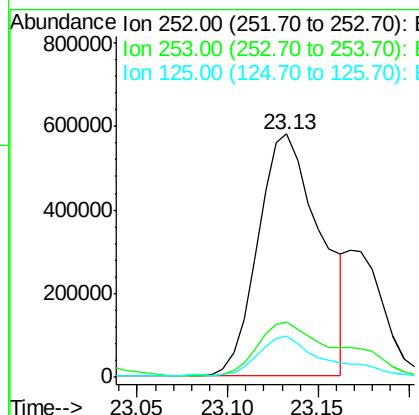
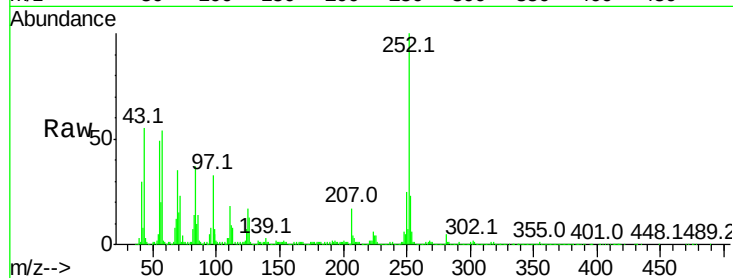
#85
Benzo(b)fluoranthene
Concen: 23.831 ng/ul
RT: 23.13 min Scan# 3374
Delta R.T. 0.01 min
Lab File: BM011755.D
Acq: 28 Sep 2017 10:25

Instrument :
BNA_M
ClientSampled :
CB3E6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	16.7	3.6	5.4

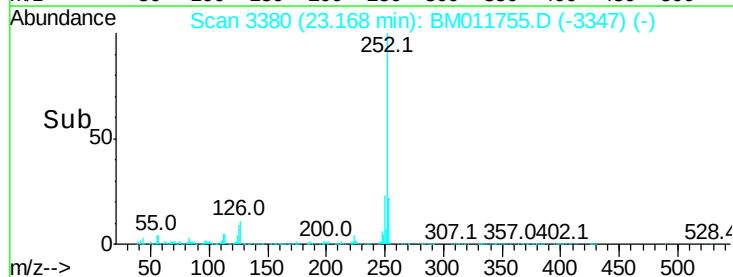
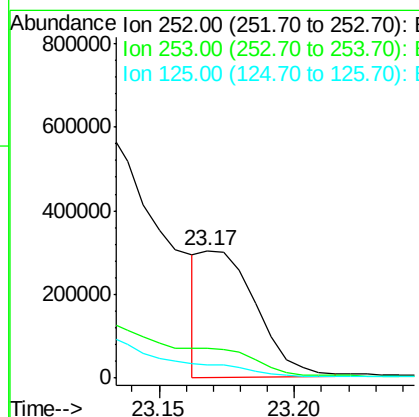
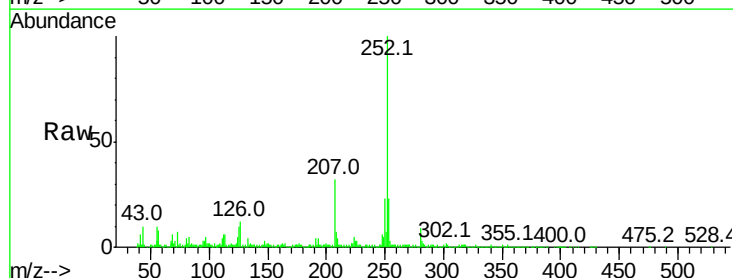
Manual Integrations
APPROVED

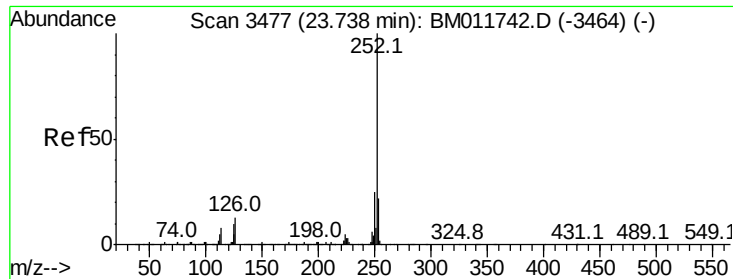
Sohil
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#86
Benzo(k)fluoranthene
Concen: 7.201 ng/ul m
RT: 23.17 min Scan# 3380
Delta R.T. -0.01 min
Lab File: BM011755.D
Acq: 28 Sep 2017 10:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	10.3	3.4	5.2





#88

Benzo(a)pyrene

Concen: 17.021 ng/ul

RT: 23.74 min Scan# 3478

Delta R.T. 0.01 min

Lab File: BM011755.D

Acq: 28 Sep 2017 10:25

Instrument :

BNA_M

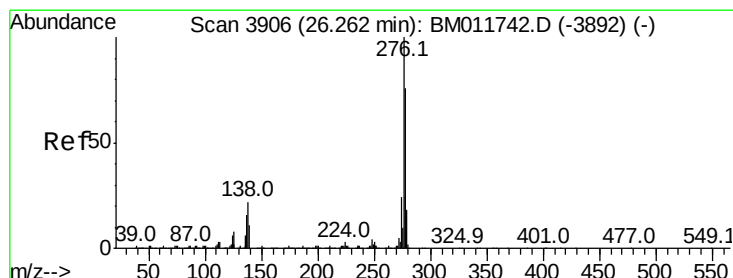
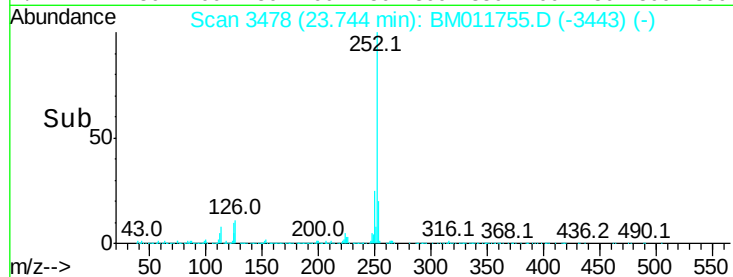
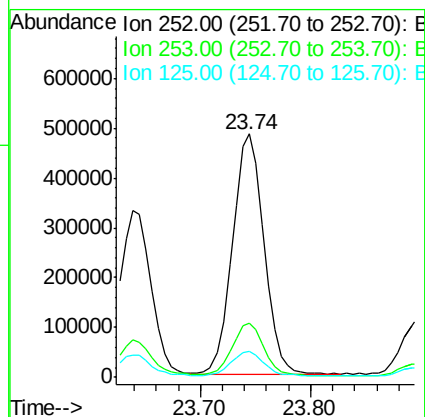
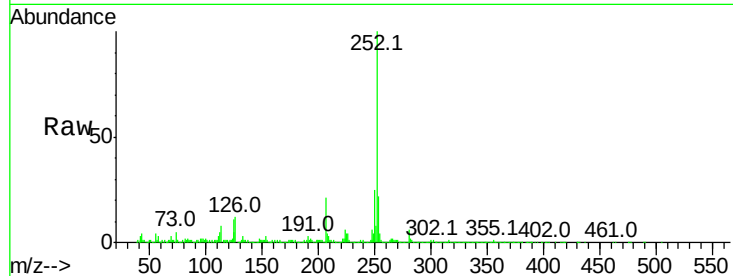
ClientSampleId :

CB3E6

Tot Ion:	252	Resp:	960768
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.2	27.2
125	10.7	4.0	6.0#

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 12.156 ng/ul

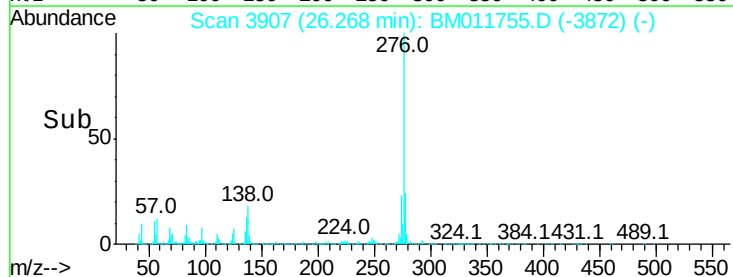
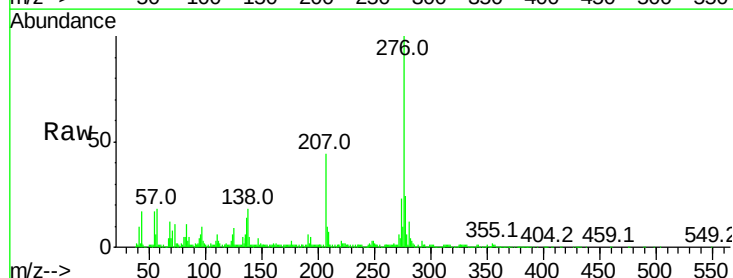
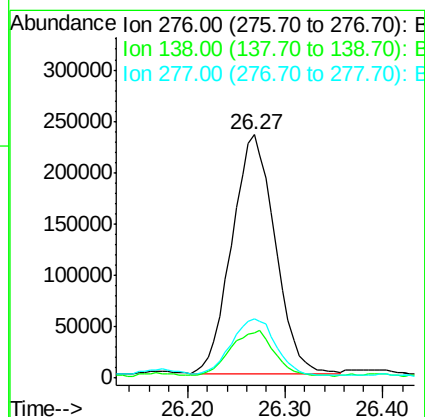
RT: 26.27 min Scan# 3907

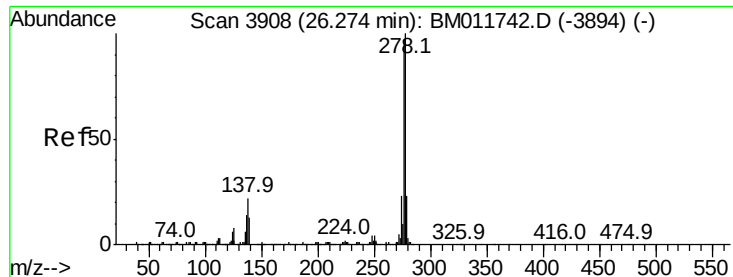
Delta R.T. 0.01 min

Lab File: BM011755.D

Acq: 28 Sep 2017 10:25

Tgt Ion:	276	Resp:	714394
Ion Ratio	Lower	Upper	
276	100		
138	18.5	9.3	13.9#
277	24.4	19.9	29.9





#90

Dibenzo(a,h)anthracene

Concen: 3.936 ng/ul

RT: 26.27 min Scan# 3907

Delta R.T. -0.01 min

Lab File: BM011755.D

Acq: 28 Sep 2017 10:25

Instrument :

BNA_M

ClientSampled :

CB3E6

Tot Ion:278 Resp: 193710

Ion Ratio Lower Upper

278 100

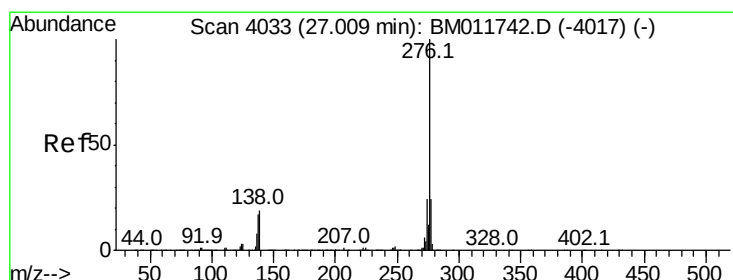
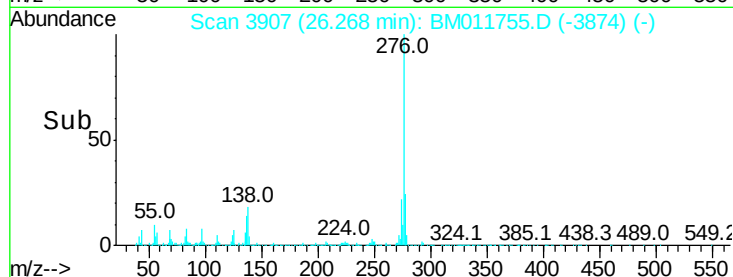
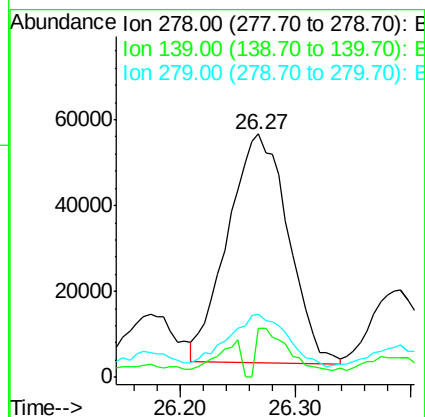
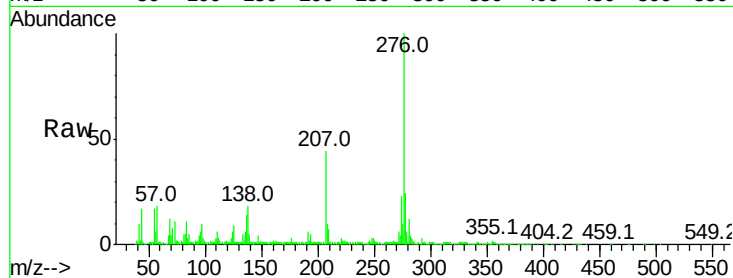
139 20.0 5.8 8.8#

279 25.9 18.6 27.8

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 9.498 ng/ul

RT: 27.01 min Scan# 4034

Delta R.T. 0.01 min

Lab File: BM011755.D

Acq: 28 Sep 2017 10:25

Tgt Ion:276 Resp: 463311

Ion Ratio Lower Upper

276 100

138 19.1 8.5 12.7#

277 24.3 18.6 28.0

