

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110217\
 Data File : BM012699.D
 Acq On : 03 Nov 2017 12:46
 Operator : SJ/JU
 Sample : I6110-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3N1

Manual Integrations
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Sohil
 11/3/2017 4:54:42 PM

Quant Time: Nov 03 15:02:40 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 03 14:42:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	147133	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	596672	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	375376	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	910535	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	1083015	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	1181566	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	11611	4.03	ng/uL	0.00
5) Phenol-d5	6.99	99	230855	18.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	128978	17.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	199102	21.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	200455	19.08	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	98838	26.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	113140	29.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	215435	21.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	265131	24.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	720786	21.98	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	846757	21.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	109480	22.46	ng/ul	0.00
57) Fluorene-d10	15.45	176	626289	22.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	95029	21.57	ng/ul	0.00
70) Anthracene-d10	17.30	188	991410	22.85	ng/ul	0.00
76) Pyrene-d10	19.59	212	1151762	23.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	1299590	23.15	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.92	163	59265	1.827	ng/ul#	98
49) Acenaphthene	14.52	153	28561	1.126	ng/ul	96
58) Fluorene	15.50	166	34283	1.080	ng/ul#	97
69) Phenanthrene	17.24	178	549537	11.160	ng/ul	99
71) Anthracene	17.33	178	110322	2.168	ng/ul	98
72) Carbazole	17.60	167	50271	1.192	ng/ul	99
74) Fluoranthene	19.26	202	945771	16.951	ng/ul#	94
77) Pyrene	19.62	202	820030	13.315	ng/ul#	94
80) Benzo(a)anthracene	21.36	228	500979	7.725	ng/ul	97
82) Chrysene	21.42	228	466654	8.093	ng/ul	97
85) Benzo(b)fluoranthene	22.98	252	693450	9.494	ng/ul#	97
86) Benzo(k)fluoranthene	23.01	252	212707m	3.094	ng/ul	
88) Benzo(a)pyrene	23.57	252	455513	6.541	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.98	276	343854	4.195	ng/ul	98
90) Dibenzo(a,h)anthracene	25.99	278	93267	1.342	ng/ul#	92
91) Benzo(g,h,i)perylene	26.69	276	288660	4.346	ng/ul	96

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

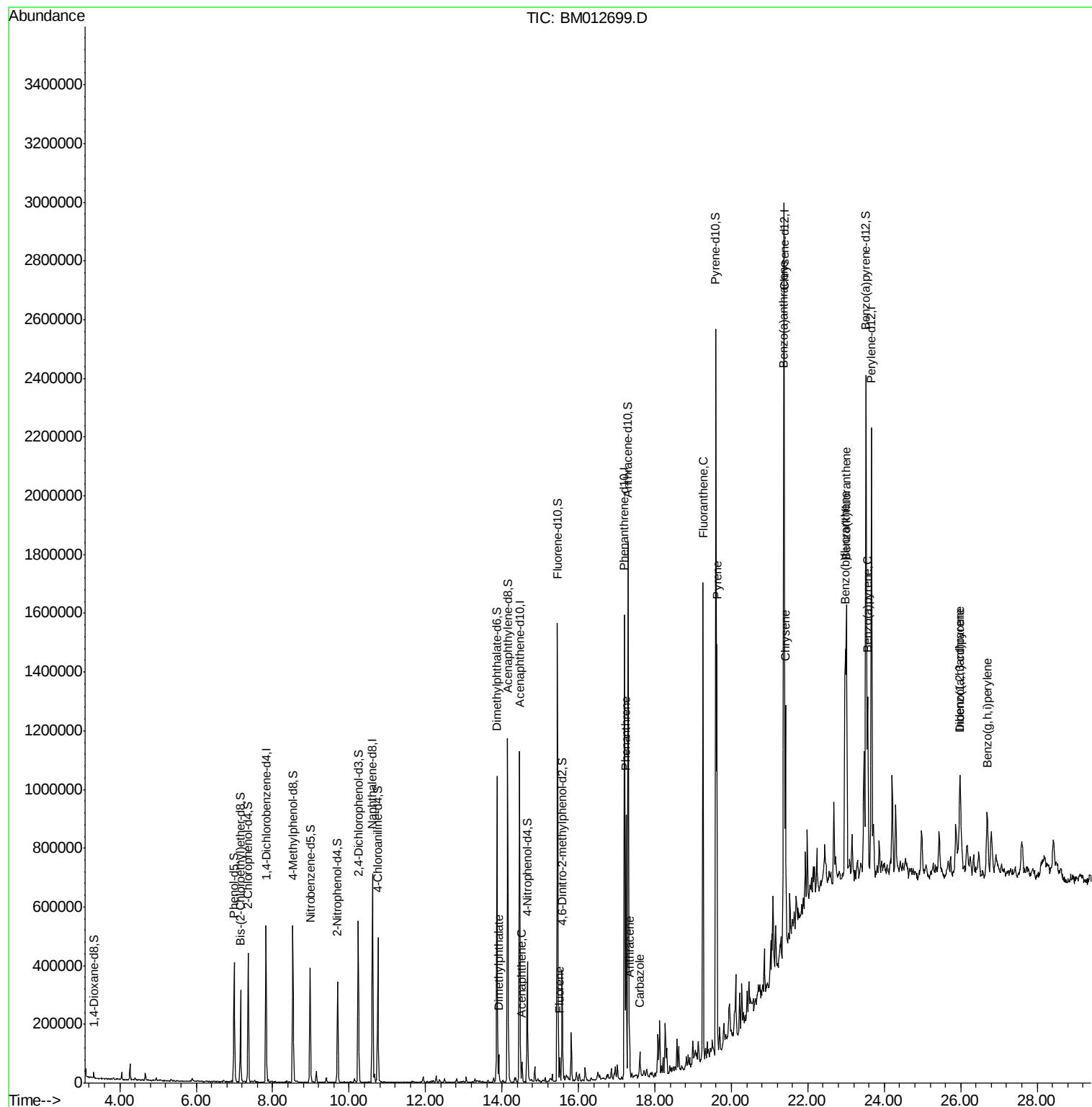
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Data File : BM012699.D
Acq On : 03 Nov 2017 12:46
Operator : SJ/JU
Sample : I6110-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

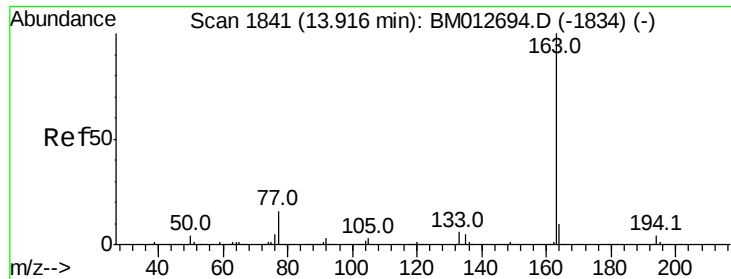
Instrument :
BNA_M
ClientSampleId :
CB3N1

Manual Integrations
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Quant Time: Nov 03 15:02:40 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 03 14:42:43 2017
Response via : Initial Calibration





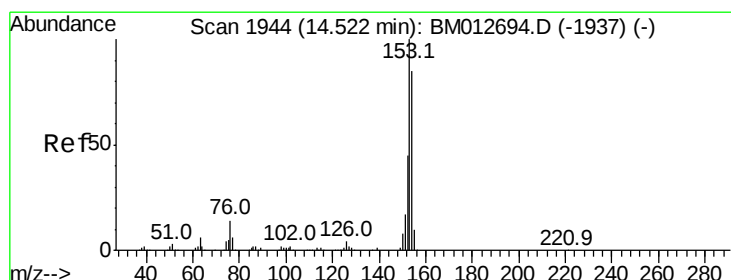
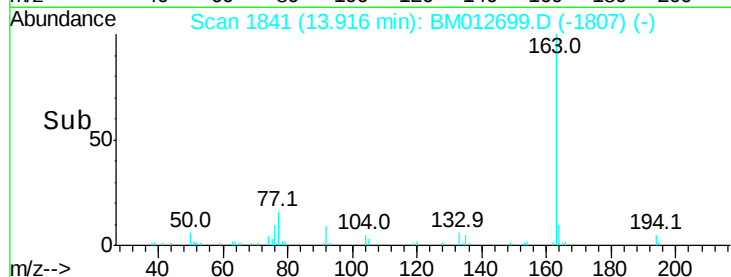
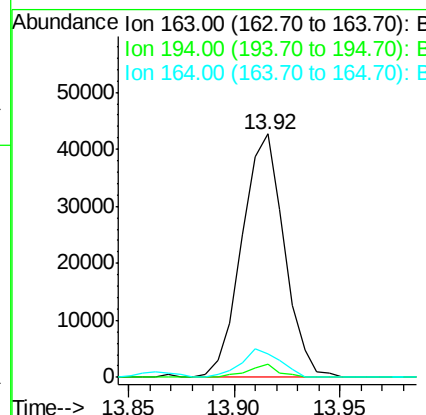
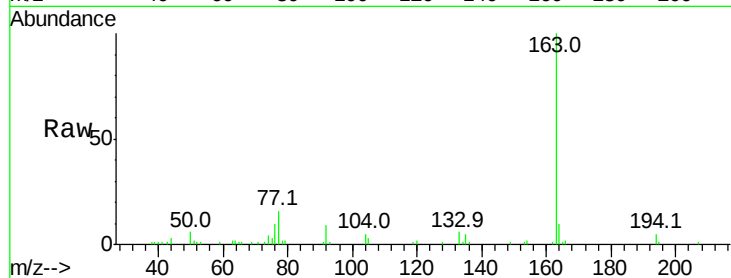
#44
Dimethylphthalate
Concen: 1.827 ng/ul
RT: 13.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BM012699.D
Acq: 03 Nov 2017 12:46

Instrument :
BNA_M
ClientSampled :
CB3N1

Tot Ion	Ratio	Resp	Lower	Upper
163	100	59265		
194	5.3		3.5	5.3#
164	9.9		8.2	12.4

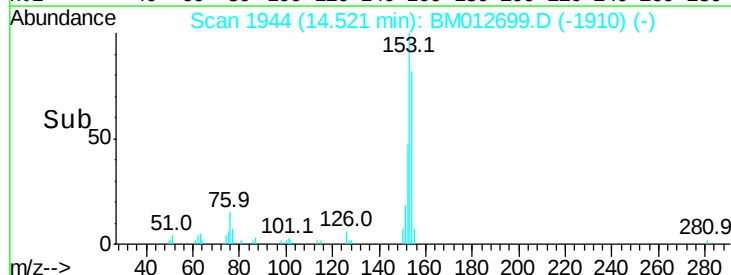
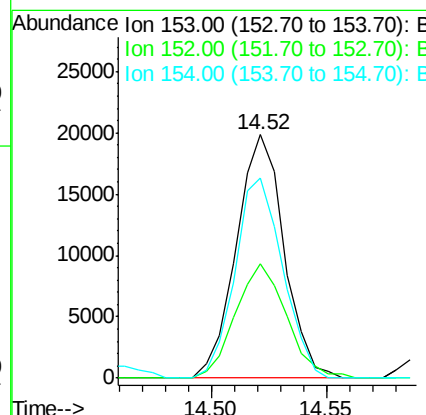
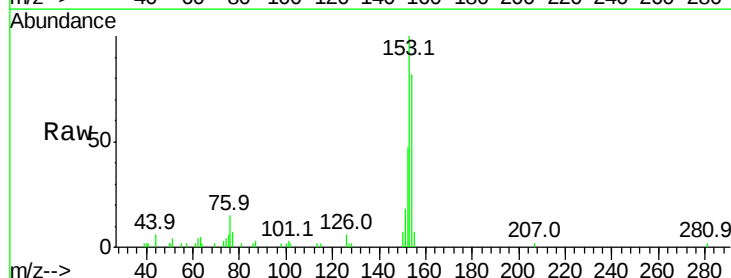
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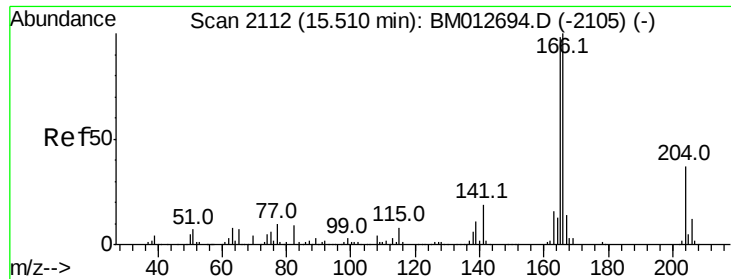
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#49
Acenaphthene
Concen: 1.126 ng/ul
RT: 14.52 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BM012699.D
Acq: 03 Nov 2017 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	28561		
152	46.8		37.6	56.4
154	82.3		70.4	105.6





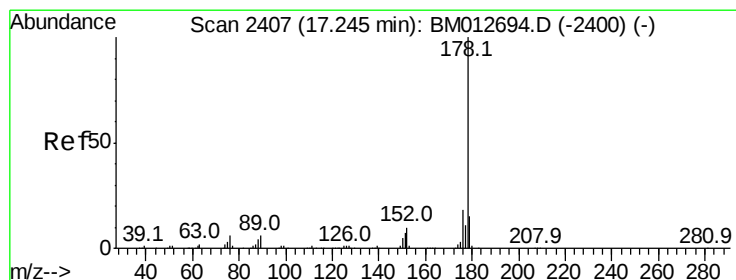
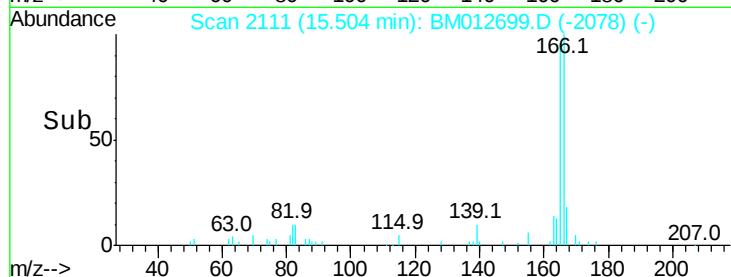
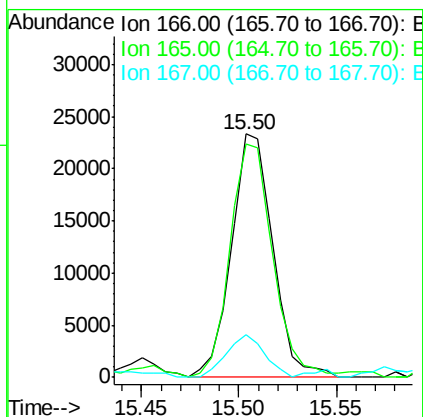
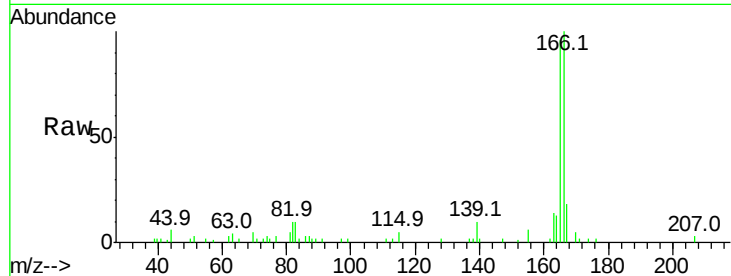
#58
Fluorene
Concen: 1.080 ng/ul
RT: 15.50 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BM012699.D
Acq: 03 Nov 2017 12:46

Instrument :
BNA_M
ClientSampleId :
CB3N1

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	95.7	77.9	116.9	
167	17.5	10.6	16.0	

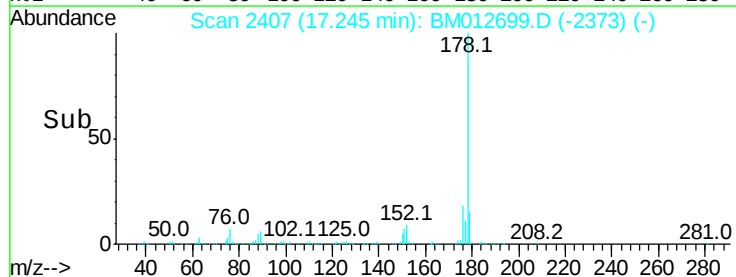
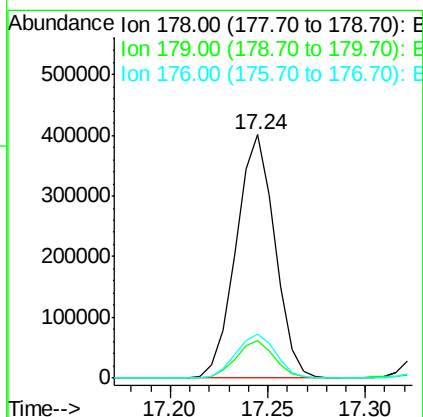
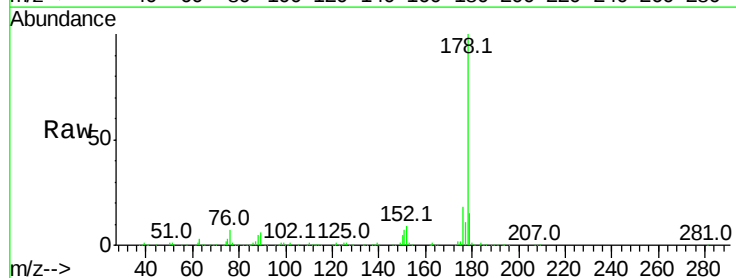
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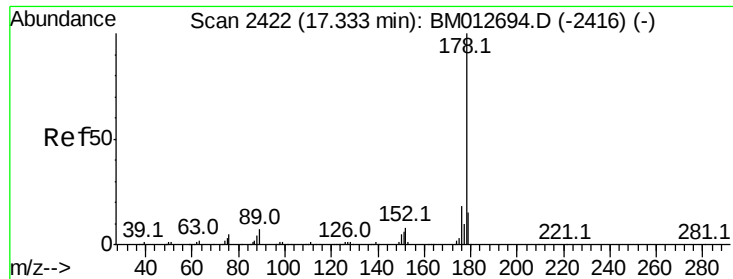
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#69
Phenanthrene
Concen: 11.160 ng/ul
RT: 17.24 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BM012699.D
Acq: 03 Nov 2017 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
179	15.4	12.6	19.0	
176	17.9	14.9	22.3	





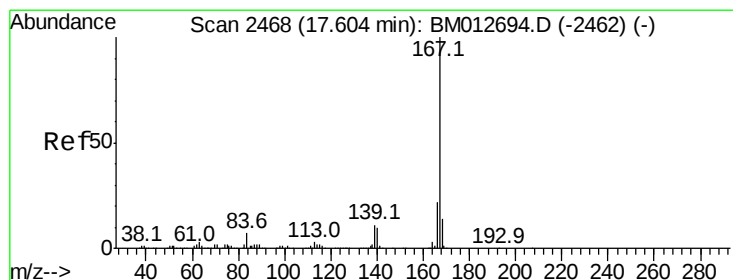
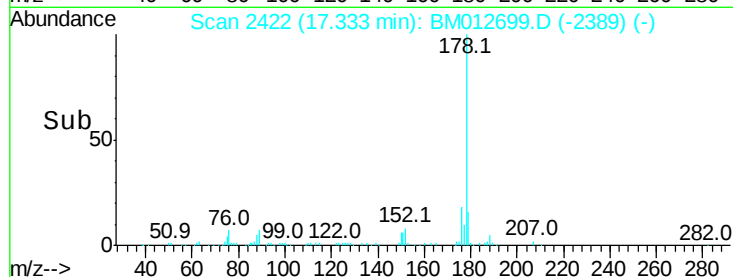
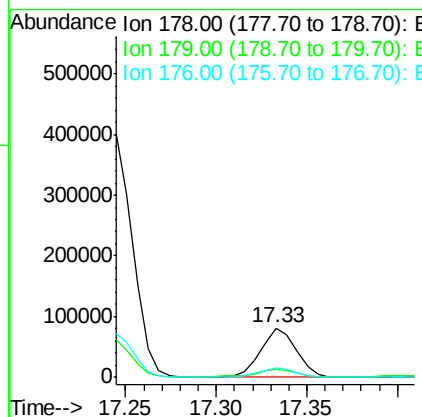
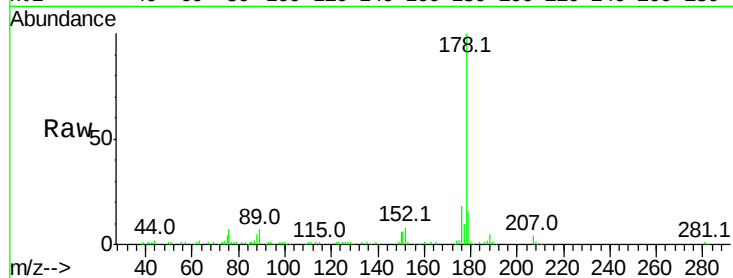
#71
 Anthracene
 Concen: 2.168 ng/ul
 RT: 17.33 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BM012699.D
 Acq: 03 Nov 2017 12:46

Instrument :
 BNA_M
 ClientSampled :
 CB3N1

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.2	11.7	17.5
176	17.9	14.6	21.8

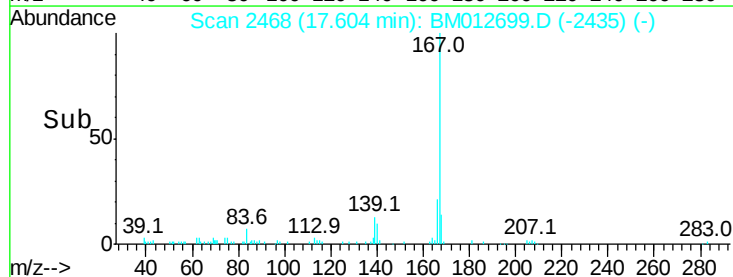
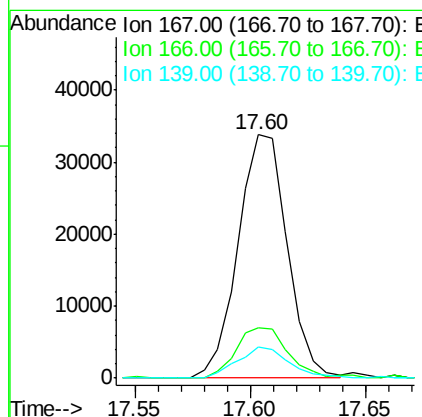
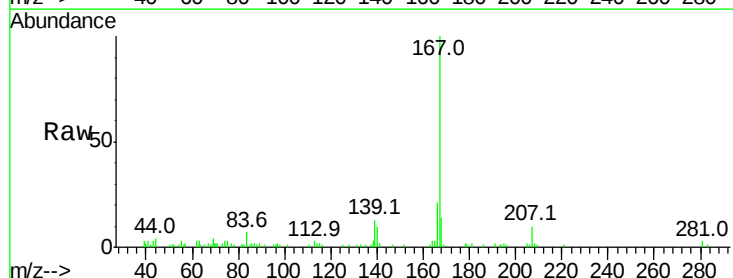
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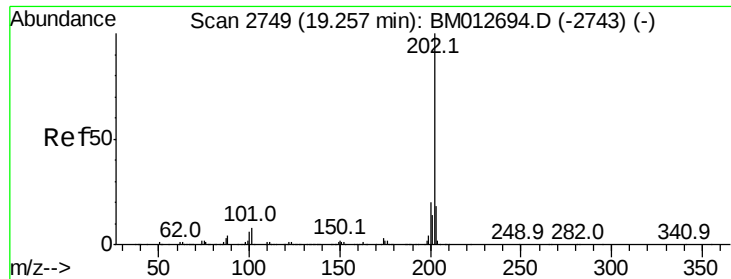
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#72
 Carbazole
 Concen: 1.192 ng/ul
 RT: 17.60 min Scan# 2468
 Delta R.T. -0.01 min
 Lab File: BM012699.D
 Acq: 03 Nov 2017 12:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.1	25.7
139	13.0	10.0	15.0





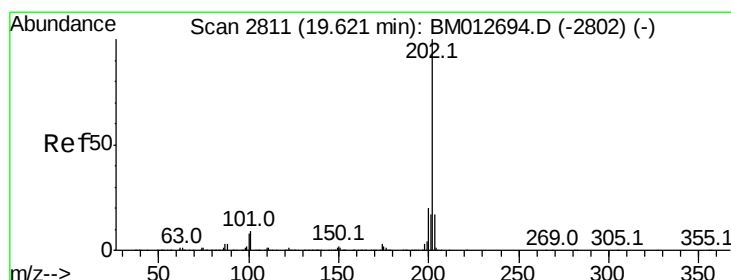
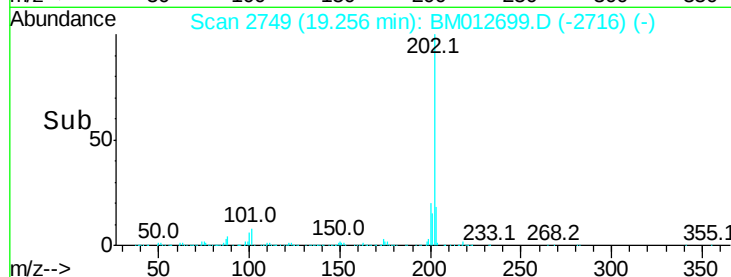
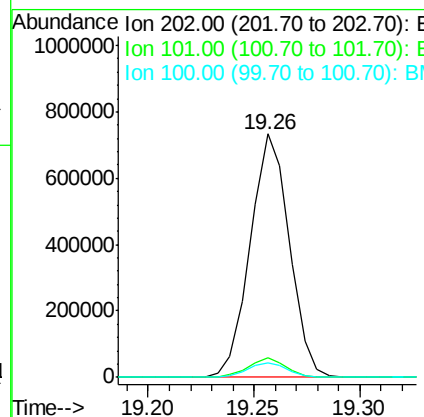
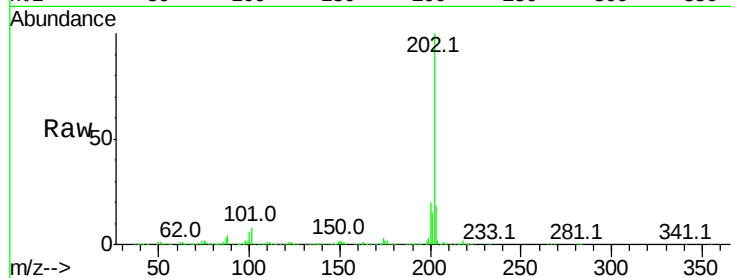
#74
 Fluoranthene
 Concen: 16.951 ng/ul
 RT: 19.26 min Scan# 2749
 Delta R.T. -0.01 min
 Lab File: BM012699.D
 Acq: 03 Nov 2017 12:46

Instrument :
 BNA_M
 ClientSampleId :
 CB3N1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.9	4.6	7.0#
100	5.9	3.4	5.2#

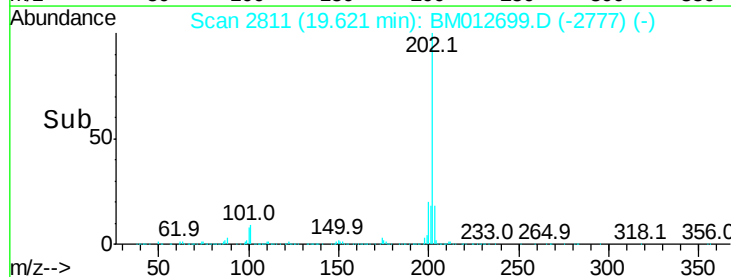
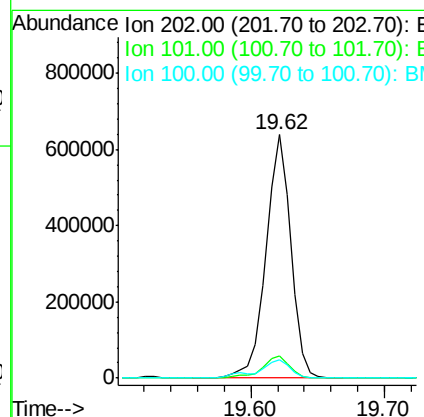
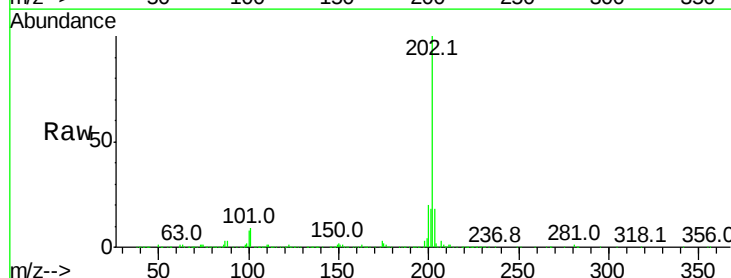
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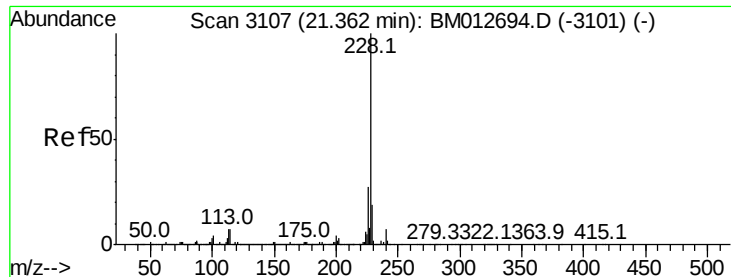
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#77
 Pyrene
 Concen: 13.315 ng/ul
 RT: 19.62 min Scan# 2811
 Delta R.T. -0.00 min
 Lab File: BM012699.D
 Acq: 03 Nov 2017 12:46

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.1	5.1	7.7#
100	7.8	4.9	7.3#





#80

Benzo(a)anthracene

Concen: 7.725 ng/ul

RT: 21.36 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM012699.D

Acq: 03 Nov 2017 12:46

Instrument :

BNA_M

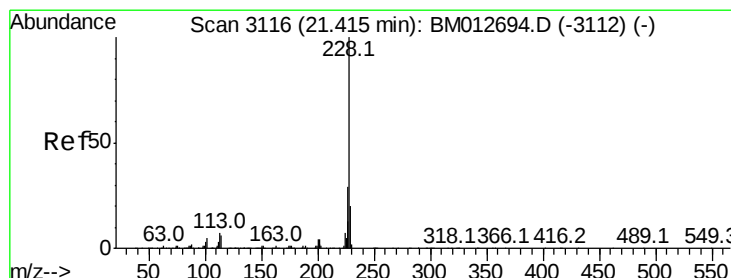
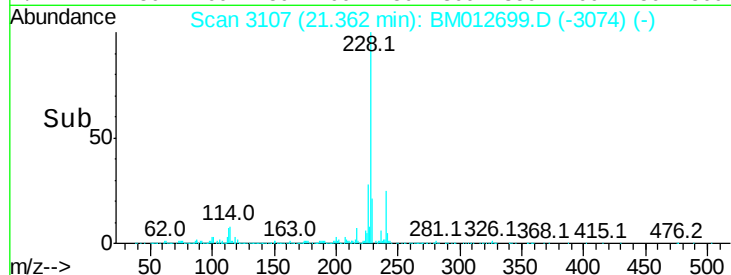
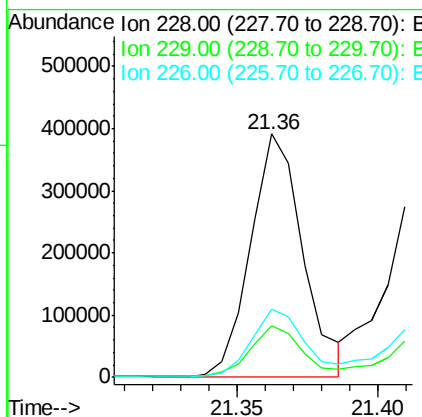
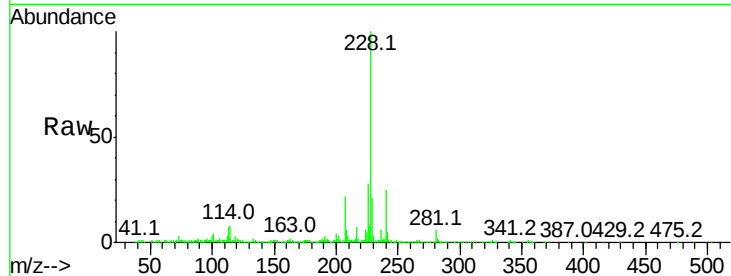
ClientSampled :

CB3N1

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.4	23.0
226	28.1	21.4	32.0

Manual Integrations
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#82

Chrysene

Concen: 8.093 ng/ul

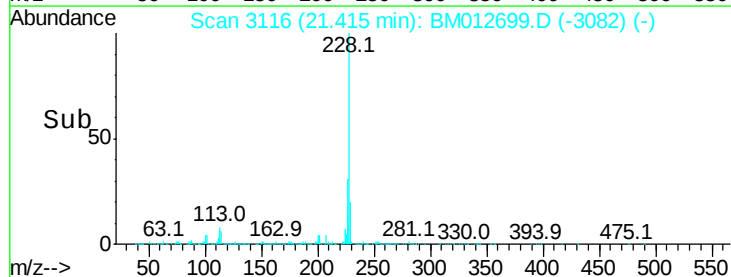
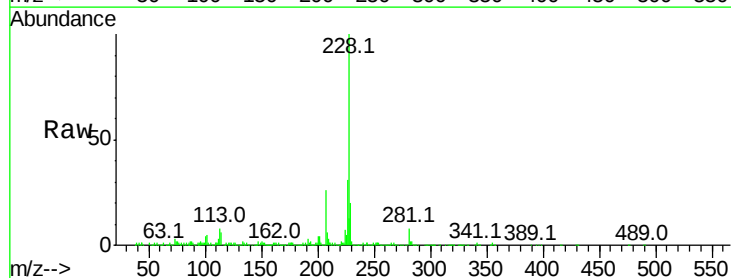
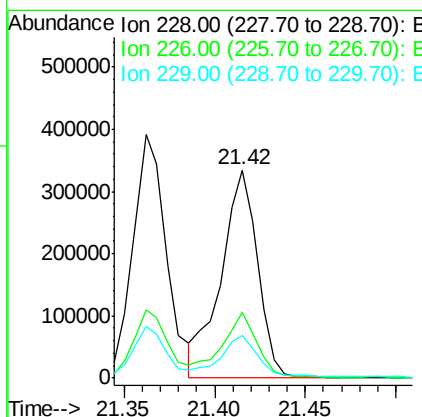
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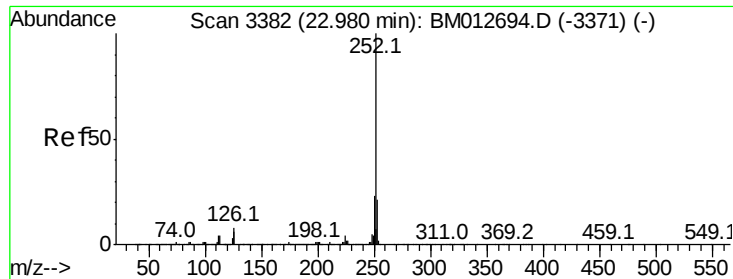
Delta R.T. -0.00 min

Lab File: BM012699.D

Acq: 03 Nov 2017 12:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.2
229	20.4	15.5	23.3





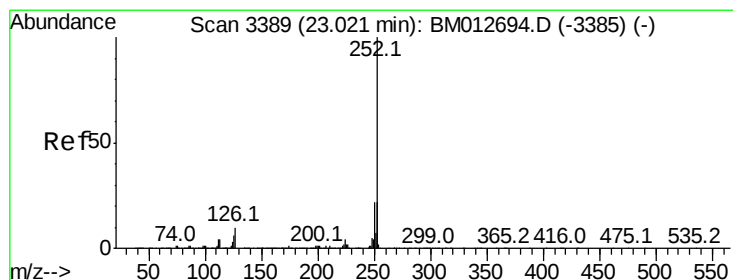
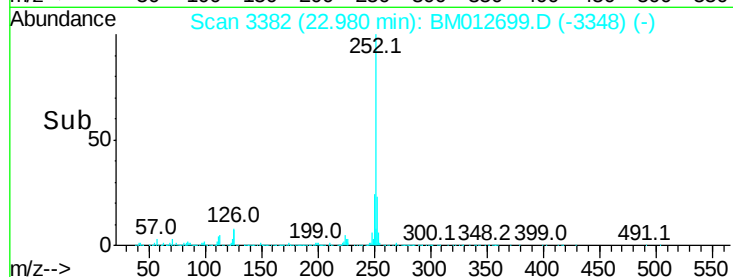
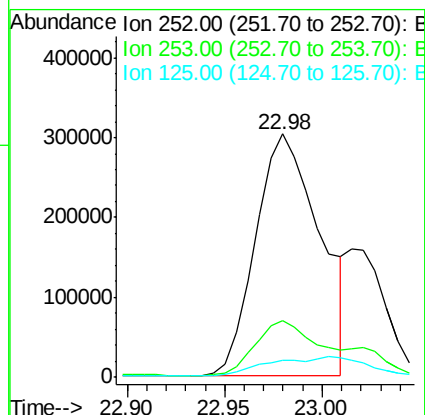
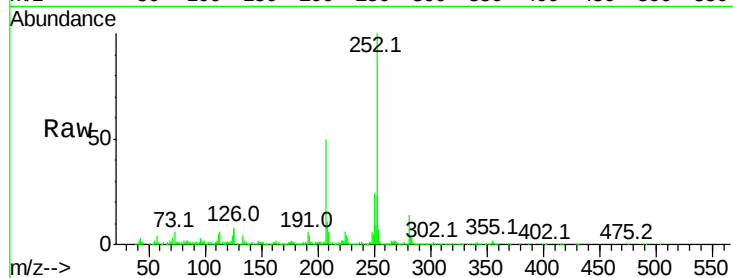
#85
Benzo(b)fluoranthene
Concen: 9.494 ng/ul
RT: 22.98 min Scan# 3382
Delta R.T. -0.00 min
Lab File: BM012699.D
Acq: 03 Nov 2017 12:46

Instrument :
BNA_M
ClientSampleId :
CB3N1

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.1	17.9	26.9
125	7.2	3.6	5.4

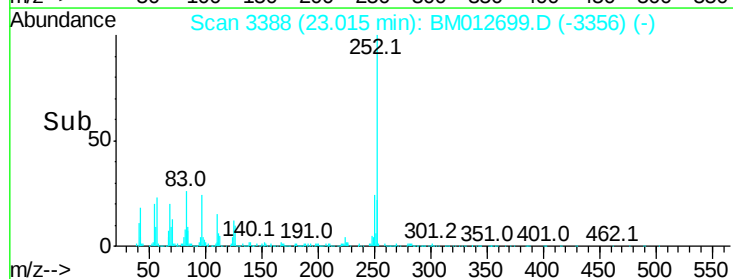
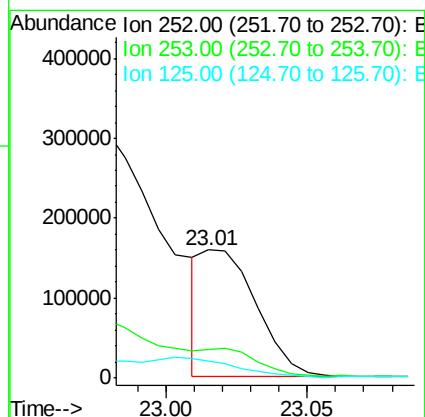
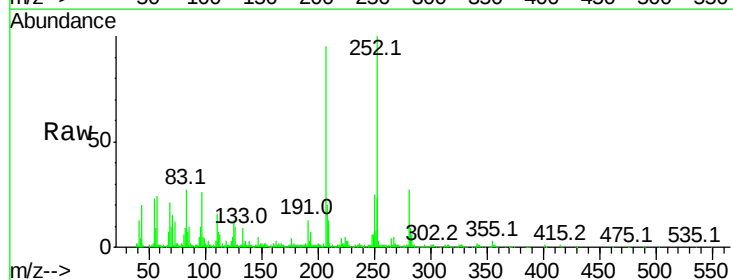
Manual Integrations
APPROVED

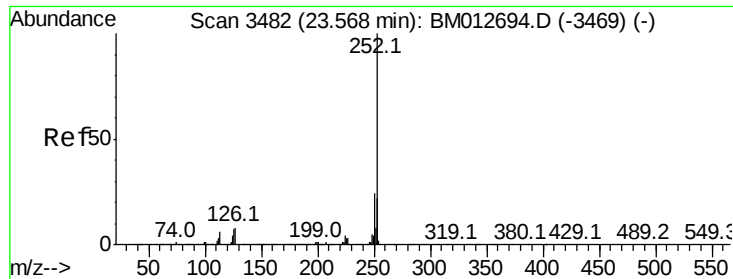
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#86
Benzo(k)fluoranthene
Concen: 3.094 ng/ul m
RT: 23.01 min Scan# 3388
Delta R.T. -0.01 min
Lab File: BM012699.D
Acq: 03 Nov 2017 12:46

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.7	17.1	25.7
125	13.2	3.4	5.2





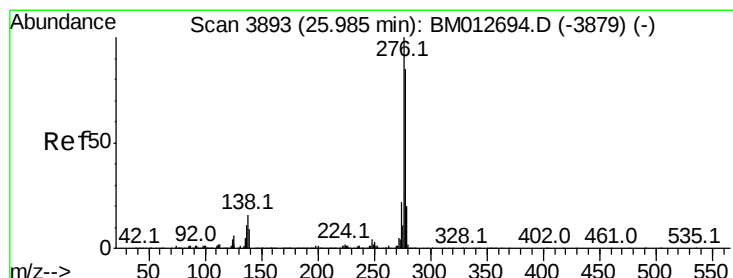
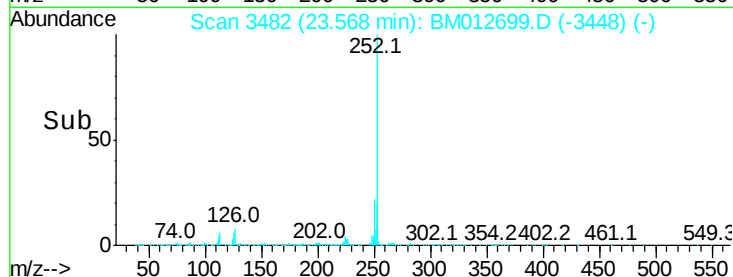
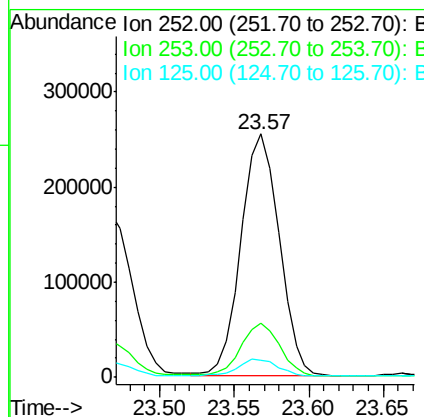
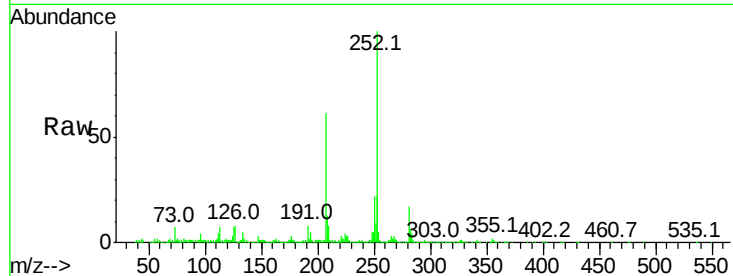
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Benzo(a)pyrene
Concen: 6.541 ng/ul
RT: 23.57 min Scan# 3482
Delta R.T. -0.00 min
Lab File: BM012699.D
Acq: 03 Nov 2017 12:46

Instrument :
BNA_M
ClientSampleId :
CB3N1

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.0	18.2	27.2
125	7.2	4.0	6.0

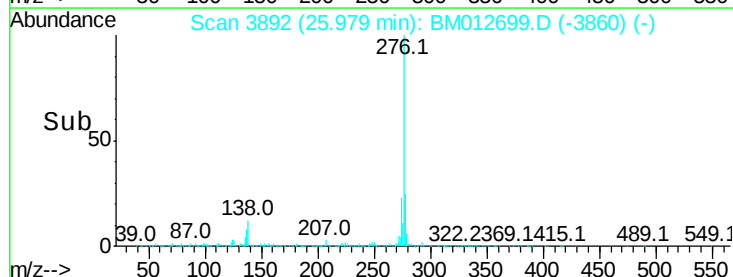
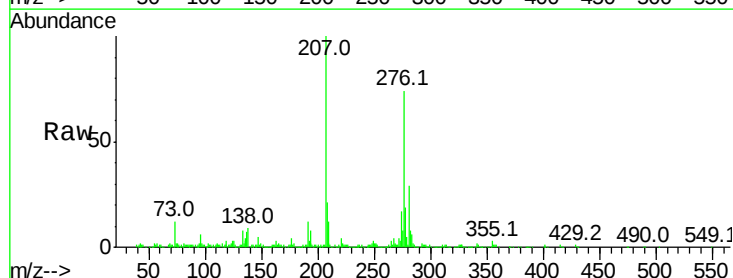
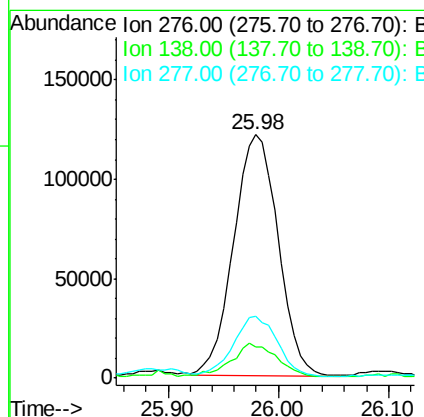
Manual Integrations
APPROVED

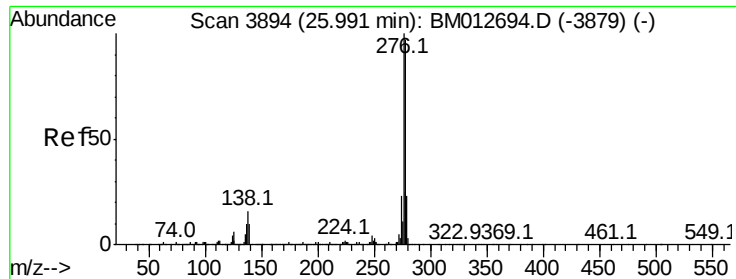
Sohil
11/3/2017 4:54:42 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 4.195 ng/ul
RT: 25.98 min Scan# 3892
Delta R.T. -0.01 min
Lab File: BM012699.D
Acq: 03 Nov 2017 12:46

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	12.8	9.3	13.9
277	25.3	19.9	29.9





#90

Dibenzo(a,h)anthracene

Concen: 1.342 ng/ul

RT: 25.99 min Scan# 3893

Delta R.T. -0.01 min

Lab File: BM012699.D

Acq: 03 Nov 2017 12:46

Instrument :

BNA_M

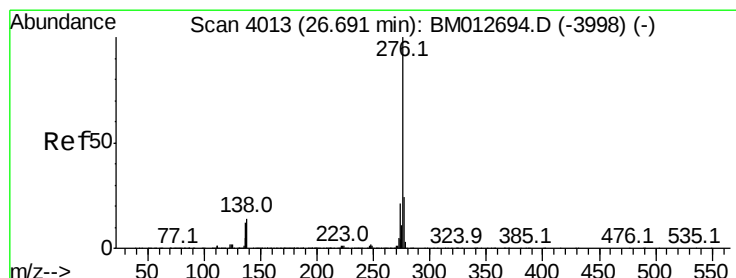
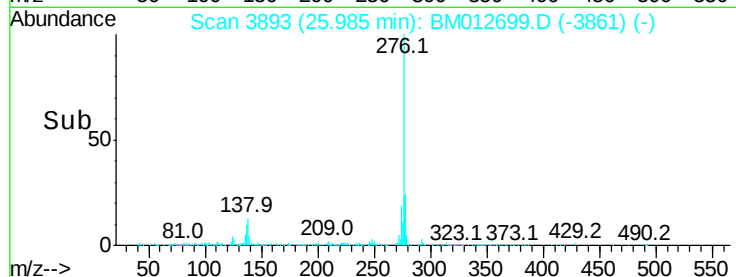
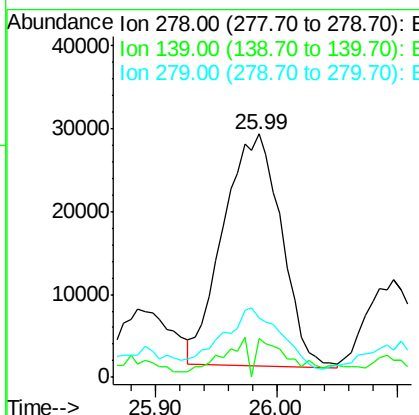
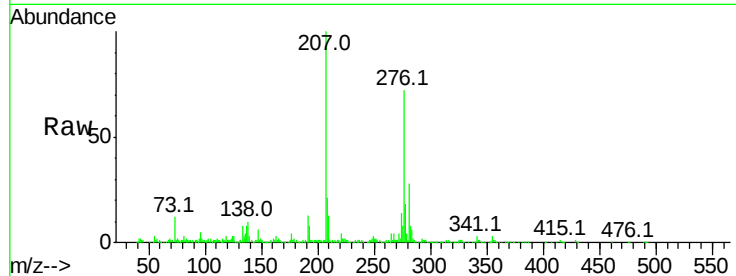
ClientSampleId :

CB3N1

Tot Ion:	278	Resp:	93267
Ion Ratio	Lower	Upper	
278	100		
139	16.0	5.8	8.8#
279	24.6	18.6	27.8

Manual Integrations
APPROVED

Sohil
11/3/2017 4:54:42 PM



#91

Benzo(g,h,i)perylene

Concen: 4.346 ng/ul

RT: 26.69 min Scan# 4013

Delta R.T. -0.01 min

Lab File: BM012699.D

Acq: 03 Nov 2017 12:46

Tgt Ion:	276	Resp:	288660
Ion Ratio	Lower	Upper	
276	100		
138	11.4	8.5	12.7
277	25.6	18.6	28.0

