

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012470.D
 Acq On : 26 Oct 2017 13:00
 Operator : SJ/JU
 Sample : I5756-08DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 B0CN4DL

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:54:38 AM

Quant Time: Oct 26 15:16:47 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 09:35:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	520608	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2118509	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1230751	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	2391079	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1932262	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2241454	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	12642	1.24	ng/uL	0.00
5) Phenol-d5	7.05	99	270691	6.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	176139	6.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	216311	6.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	207943	5.59	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	106954	8.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	110352	8.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	226297	6.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	68077	1.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	691840	6.43	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	845089	6.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	59836	3.74	ng/ul	0.00
57) Fluorene-d10	15.50	176	571378	6.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	28698	2.48	ng/ul	0.00
70) Anthracene-d10	17.34	188	758731	6.66	ng/ul	0.00
76) Pyrene-d10	19.63	212	684329	7.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	698724	6.56	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.07	94	55328	1.222	ng/ul	91
28) Naphthalene	10.72	128	114635	1.091	ng/ul	97
34) 2-Methylnaphthalene	12.33	142	205107	2.404	ng/ul	95
44) Dimethylphthalate	13.96	163	252475	2.374	ng/ul	98
47) Acenaphthylene	14.23	152	443105	3.651	ng/ul#	96
49) Acenaphthene	14.57	153	143509	1.726	ng/ul	97
58) Fluorene	15.55	166	362319	3.482	ng/ul	97
69) Phenanthrene	17.29	178	2761574	21.357	ng/ul	99
71) Anthracene	17.38	178	546994	4.093	ng/ul	97
74) Fluoranthene	19.30	202	2181733	14.891	ng/ul#	94
77) Pyrene	19.66	202	3479123	31.662	ng/ul#	92
80) Benzo(a)anthracene	21.40	228	1353979	11.702	ng/ul#	92
82) Chrysene	21.46	228	1573574	15.296	ng/ul#	94
85) Benzo(b)fluoranthene	23.03	252	1285757	9.279	ng/ul#	94
86) Benzo(k)fluoranthene	23.07	252	400968m	3.075	ng/ul	
88) Benzo(a)pyrene	23.63	252	1288557	9.754	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.07	276	787113	5.062	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.07	278	256251	1.944	ng/ul#	74
91) Benzo(g,h,i)perylene	26.79	276	754640	5.989	ng/ul#	94

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

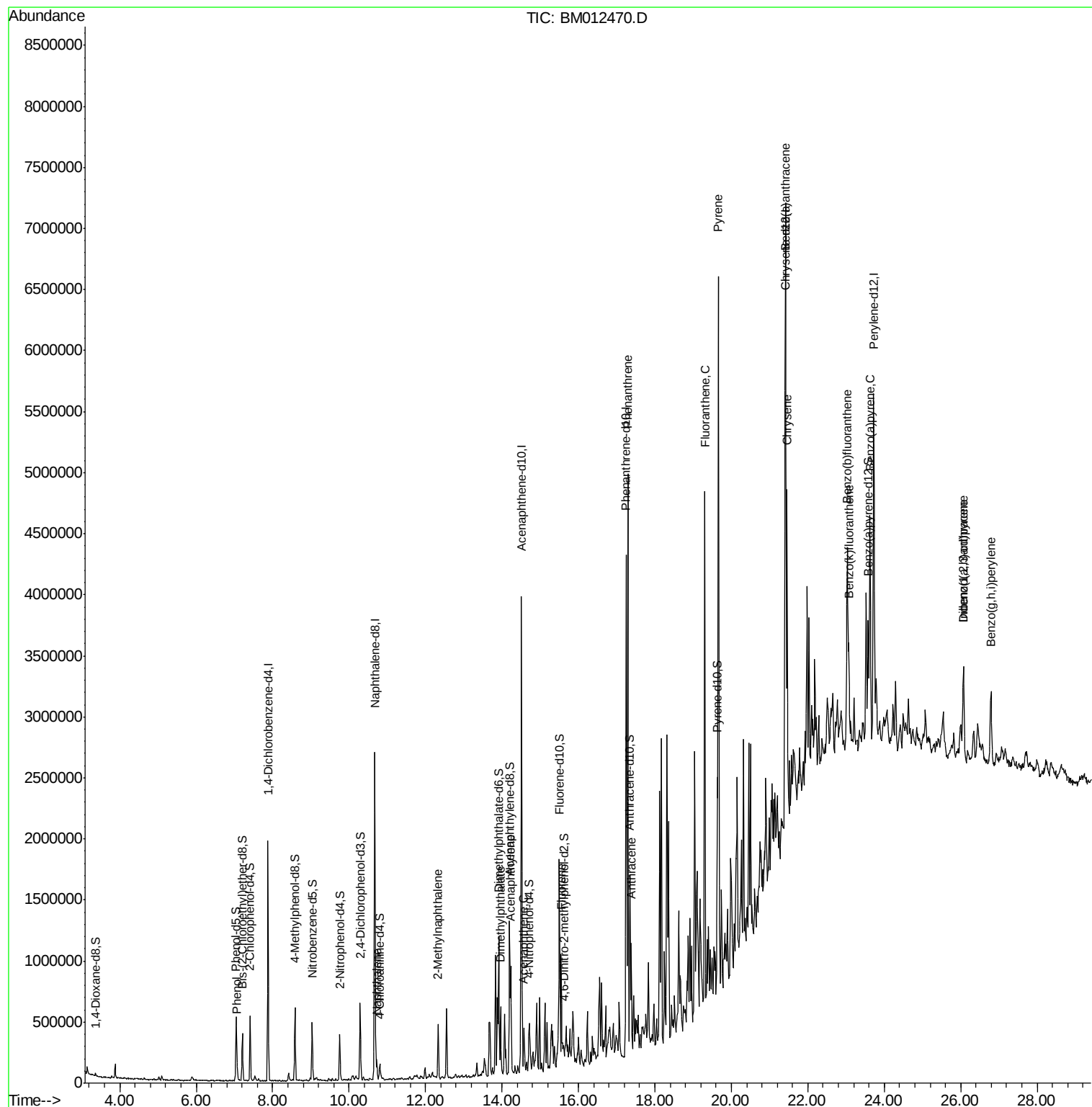
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012470.D
Acq On : 26 Oct 2017 13:00
Operator : SJ/JU
Sample : I5756-08DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

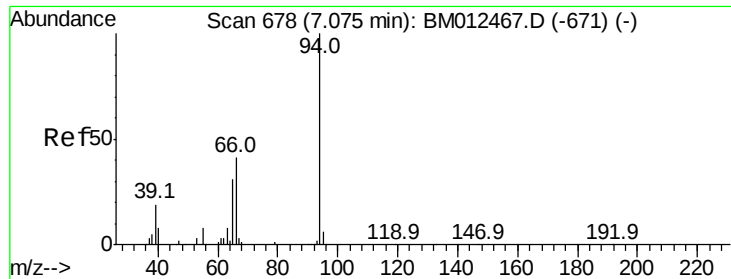
Instrument :
BNA_M
ClientSampleId :
B0CN4DL

Quant Time: Oct 26 15:16:47 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
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#6

Phenol

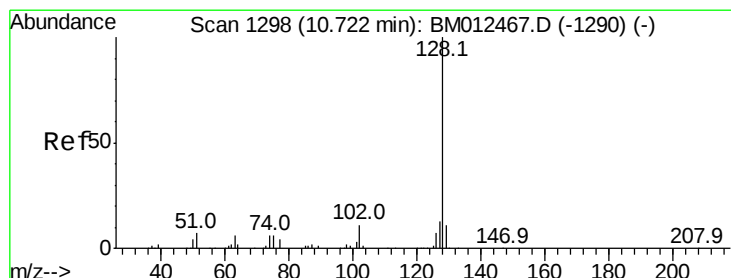
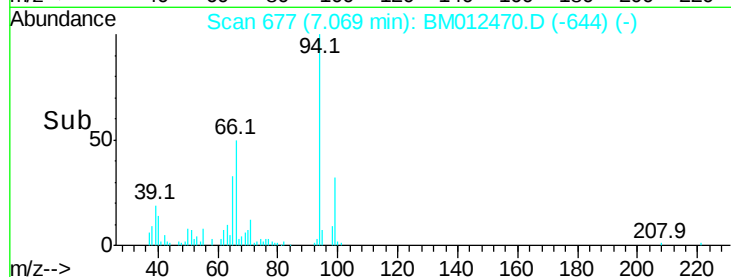
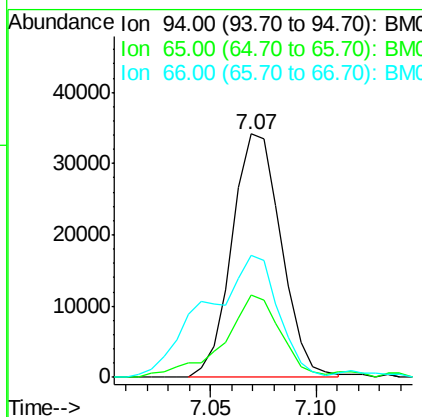
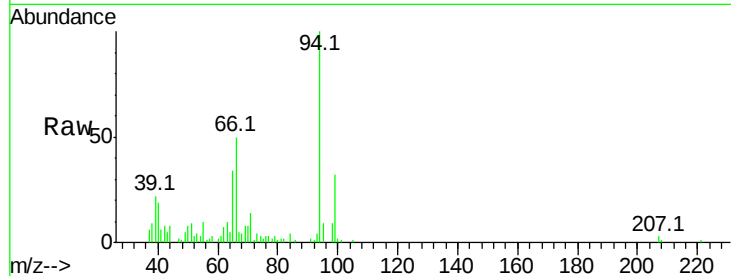
Concen: 1.222 ng/ul
 RT: 7.07 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BM012470.D
 Acq: 26 Oct 2017 13:00

Instrument :
 BNA_M
 ClientSampled :
 B0CN4DL

Tot Ion	Ratio	Lower	Upper
94	100		
65	33.7	28.2	42.4
66	49.9	47.2	70.8

Manual Integrations
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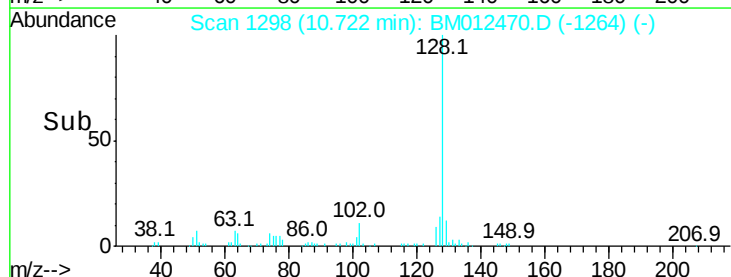
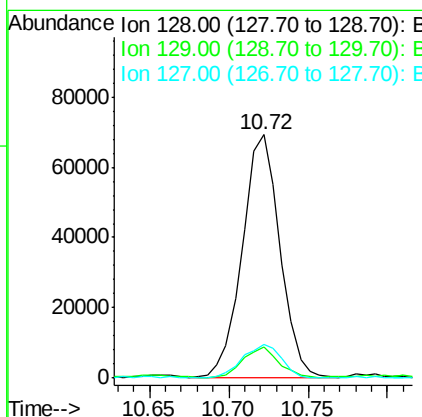
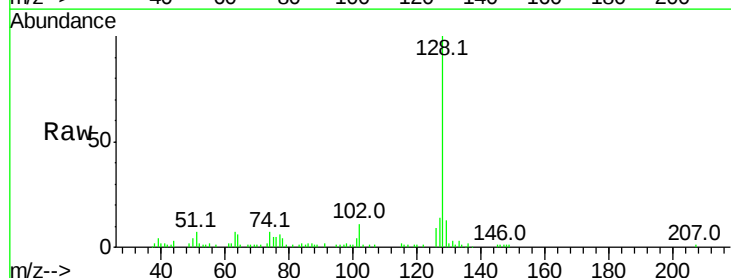


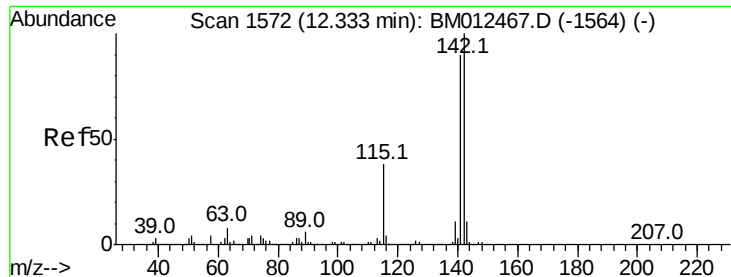
#28

Naphthalene

Concen: 1.091 ng/ul
 RT: 10.72 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BM012470.D
 Acq: 26 Oct 2017 13:00

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.6	8.8	13.2
127	13.7	10.6	16.0





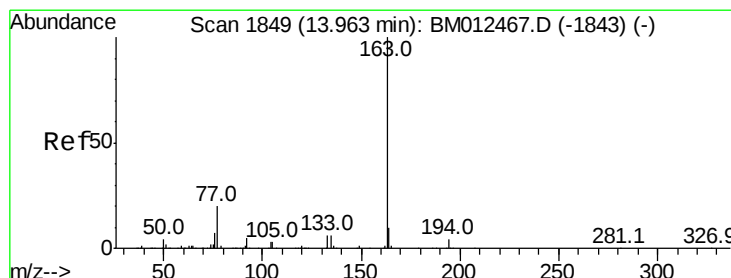
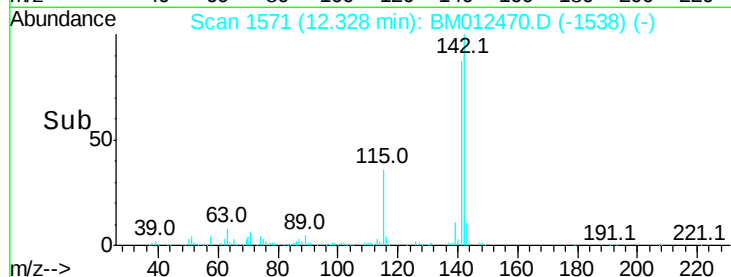
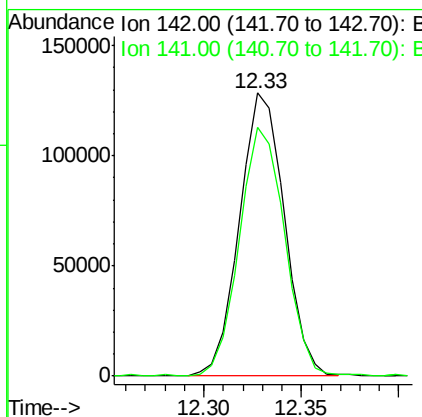
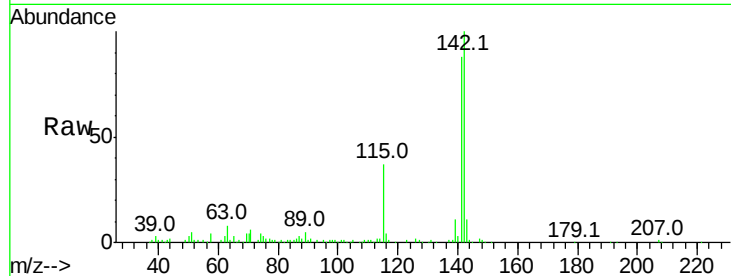
#34
 2-Methylnaphthalene
 Concen: 2.404 ng/ul
 RT: 12.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BM012470.D
 Acq: 26 Oct 2017 13:00

Instrument :
 BNA_M
 ClientSampled :
 B0CN4DL

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	74.1	111.1

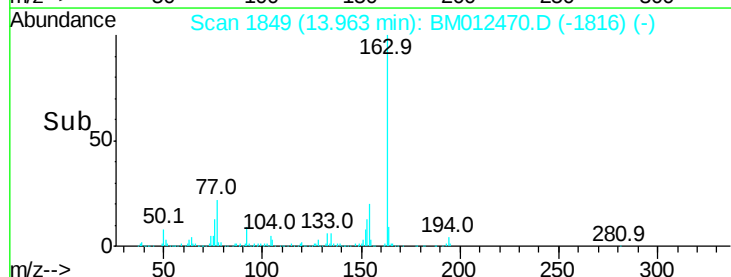
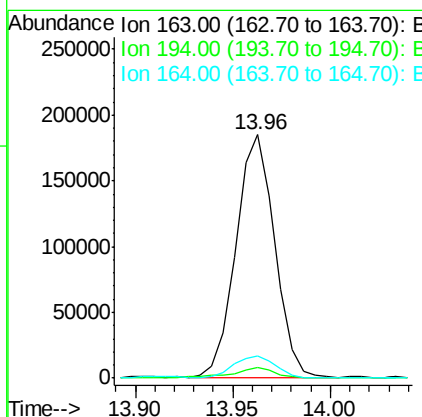
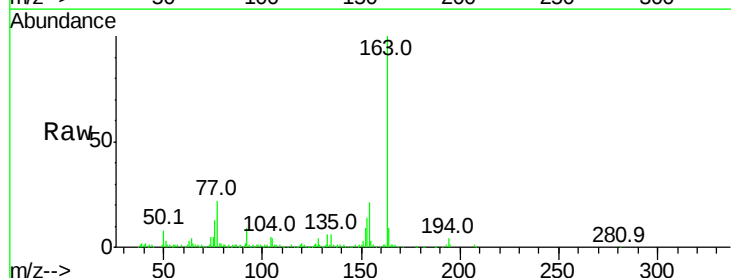
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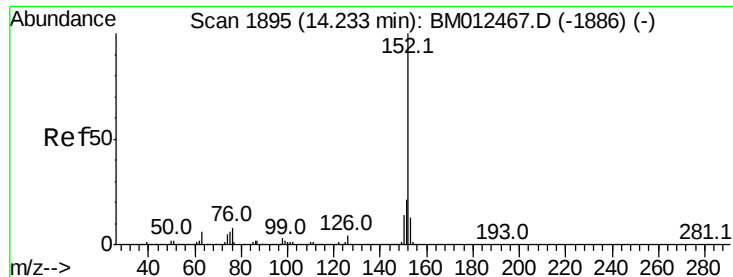
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#44
 Dimethylphthalate
 Concen: 2.374 ng/ul
 RT: 13.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BM012470.D
 Acq: 26 Oct 2017 13:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	9.2	8.2	12.4





#47

Acenaphthylene

Concen: 3.651 ng/ul

RT: 14.23 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BM012470.D

Acq: 26 Oct 2017 13:00

Instrument :

BNA_M

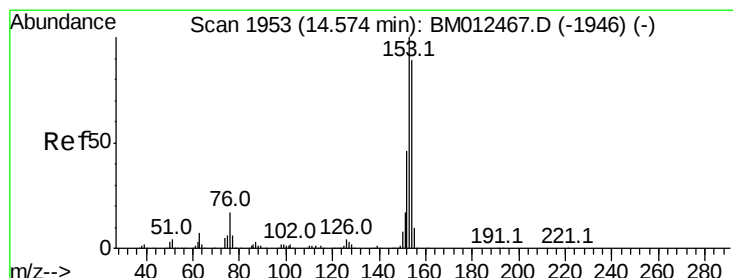
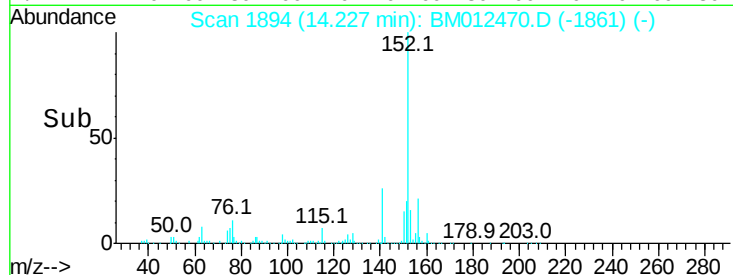
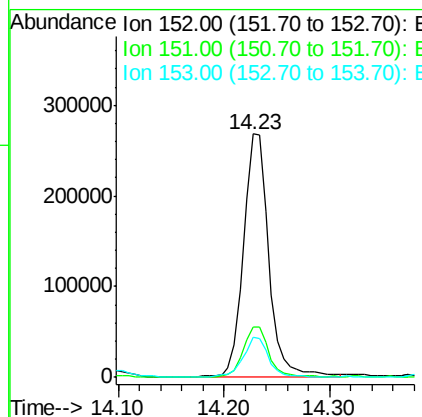
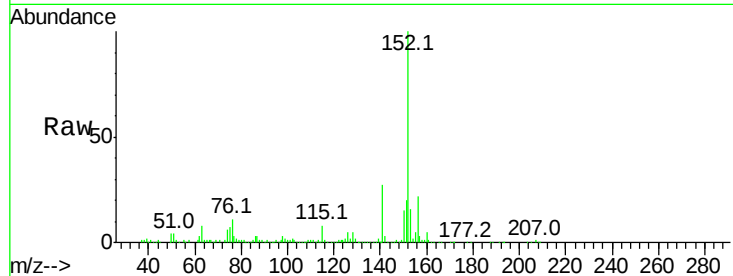
ClientSampleId :

B0CN4DL

Tot Ion:	152	Resp:	443105
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.3	24.5
153	16.4	10.2	15.4#

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#49

Acenaphthene

Concen: 1.726 ng/ul

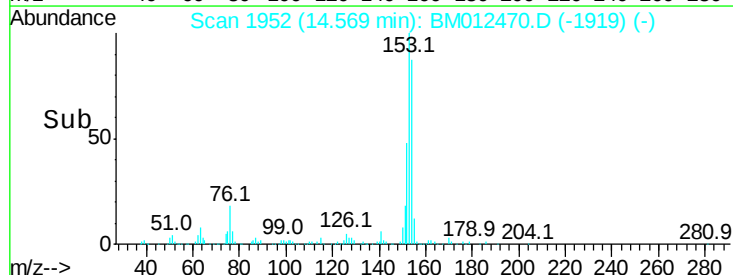
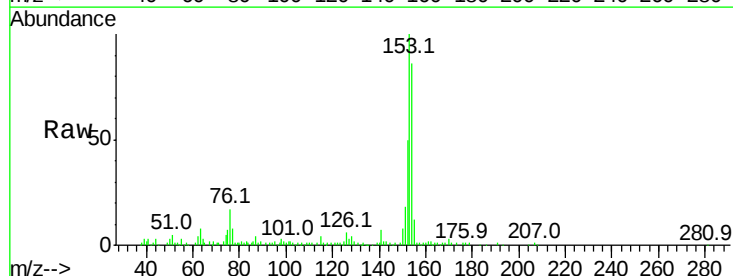
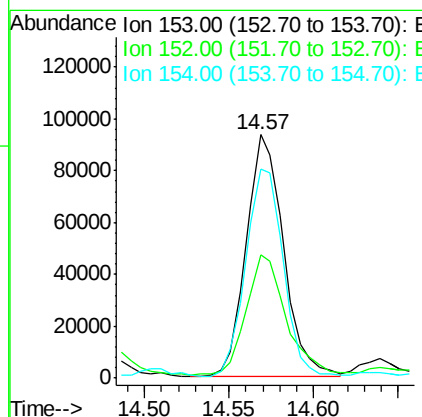
RT: 14.57 min Scan# 1952

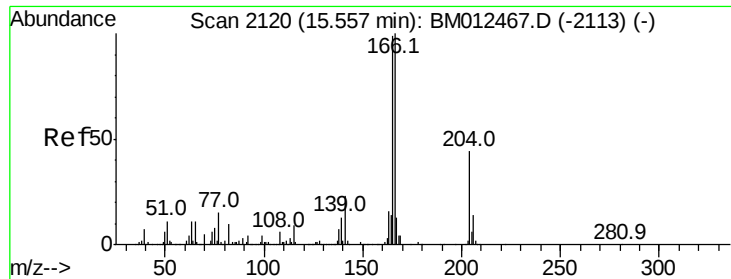
Delta R.T. -0.01 min

Lab File: BM012470.D

Acq: 26 Oct 2017 13:00

Tgt Ion:	153	Resp:	143509
Ion Ratio	Lower	Upper	
153	100		
152	50.5	37.6	56.4
154	85.7	70.4	105.6





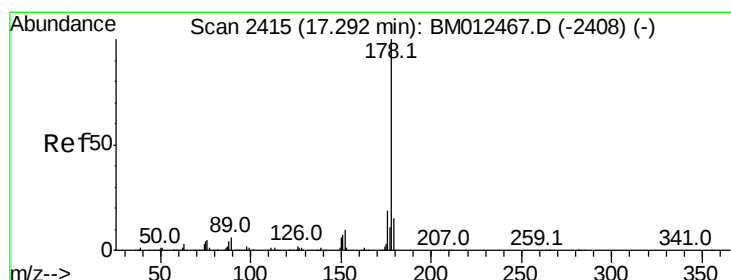
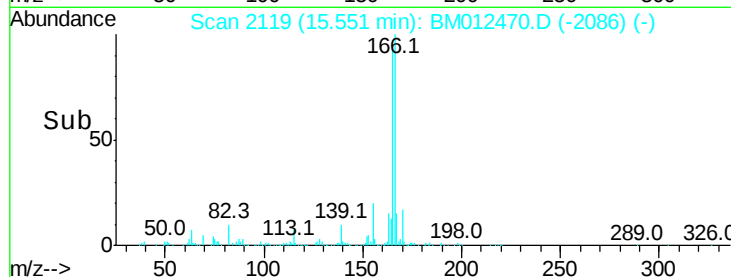
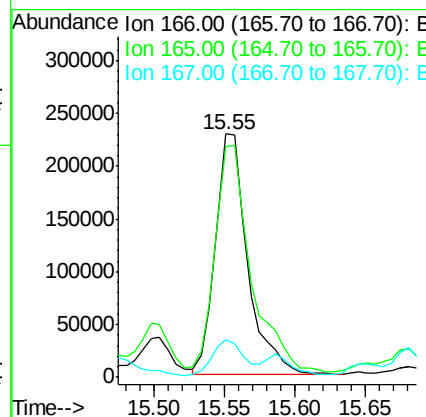
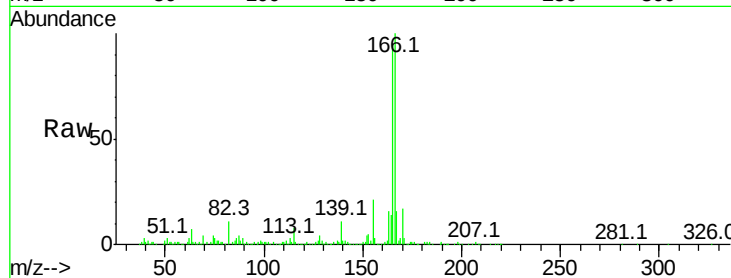
#58
 Fluorene
 Concen: 3.482 ng/ul
 RT: 15.55 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BM012470.D
 Acq: 26 Oct 2017 13:00

Instrument :
 BNA_M
 ClientSampleId :
 B0CN4DL

Tot Ion	Ratio	Resp	Lower	Upper
166	100	362319		
165	94.6		77.9	116.9
167	15.5		10.6	16.0

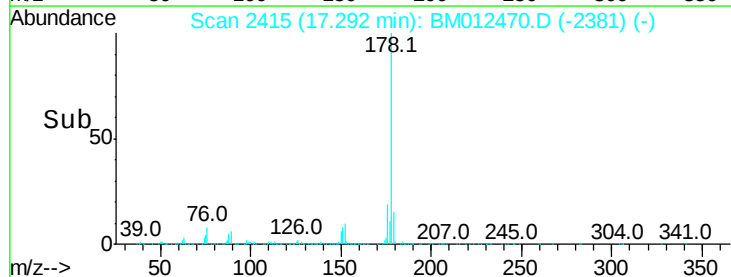
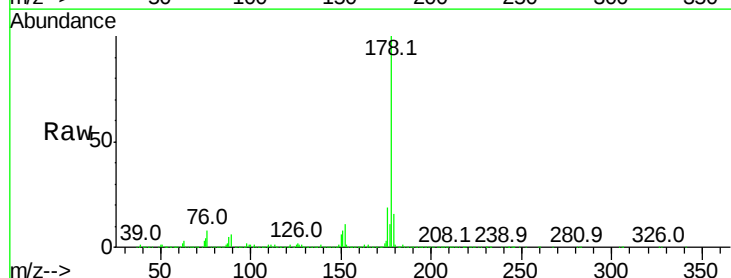
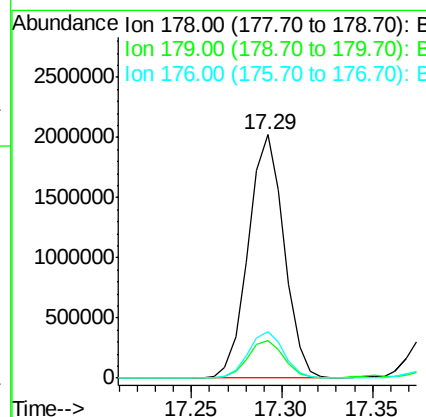
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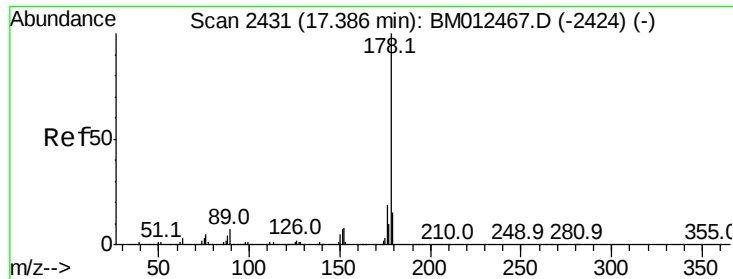
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#69
 Phenanthrene
 Concen: 21.357 ng/ul
 RT: 17.29 min Scan# 2415
 Delta R.T. 0.00 min
 Lab File: BM012470.D
 Acq: 26 Oct 2017 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2761574		
179	15.7		12.6	19.0
176	19.2		14.9	22.3





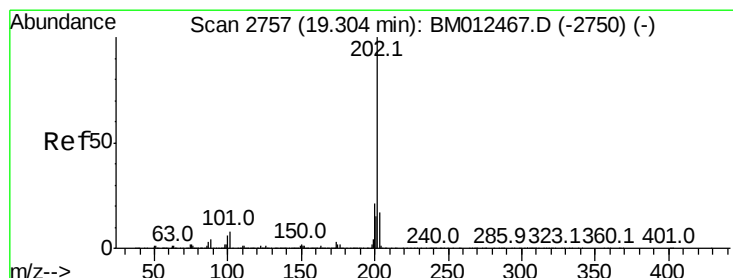
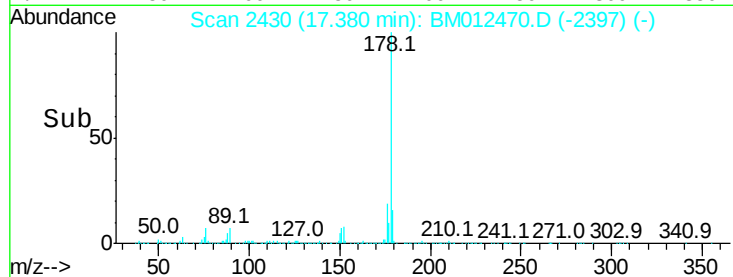
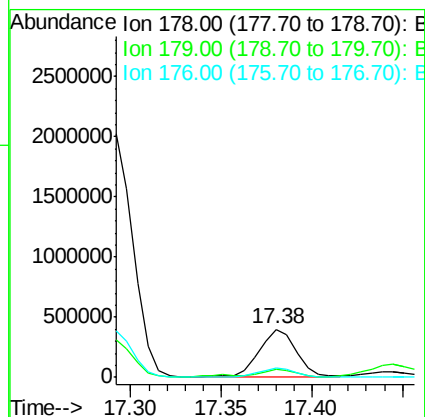
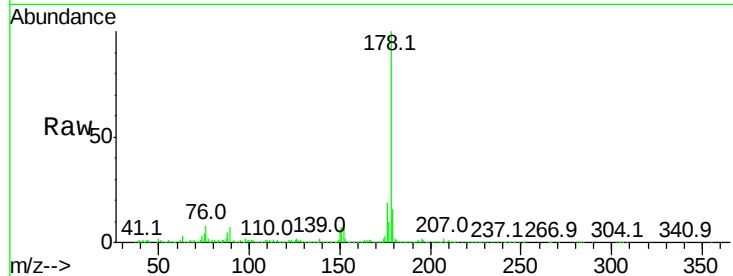
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 Anthracene
 Concen: 4.093 ng/ul
 RT: 17.38 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BM012470.D
 Acq: 26 Oct 2017 13:00

Instrument :
 BNA_M
 ClientSampleId :
 B0CN4DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.7	17.5
176	19.2	14.6	21.8

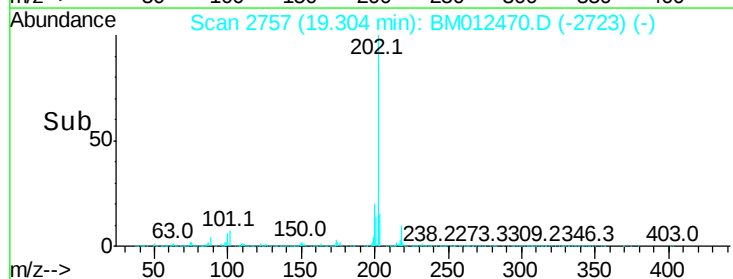
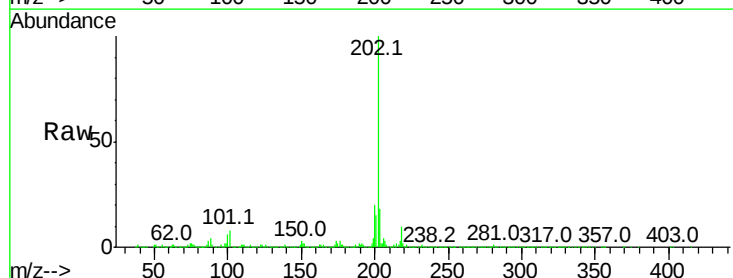
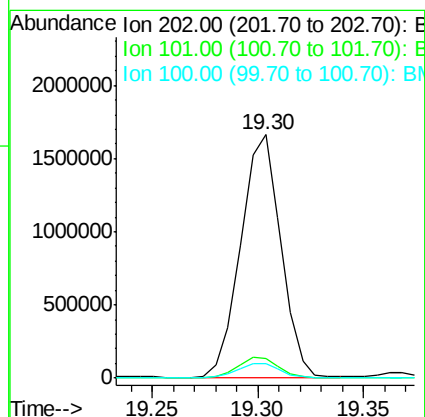
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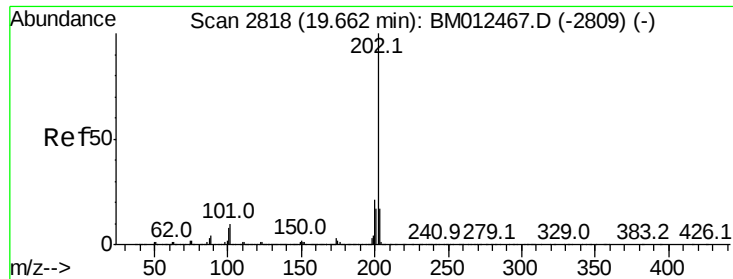
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#74
 Fluoranthene
 Concen: 14.891 ng/ul
 RT: 19.30 min Scan# 2757
 Delta R.T. 0.00 min
 Lab File: BM012470.D
 Acq: 26 Oct 2017 13:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	4.6	7.0#
100	6.1	3.4	5.2#





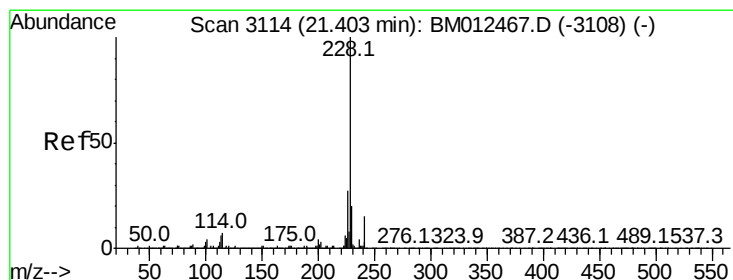
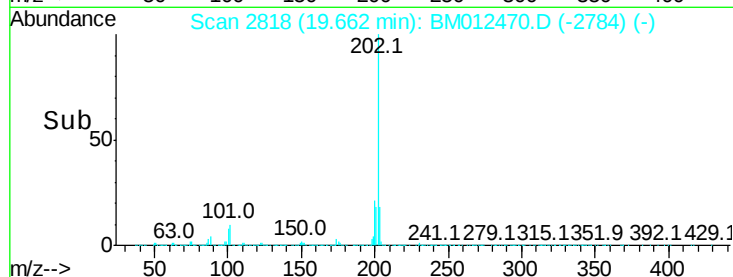
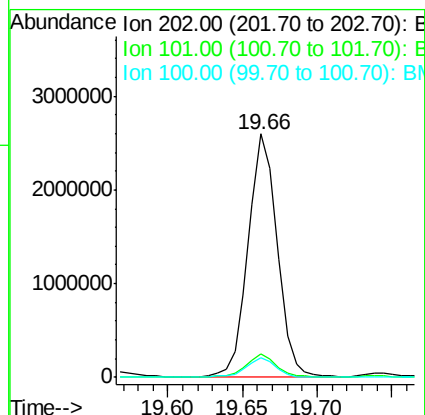
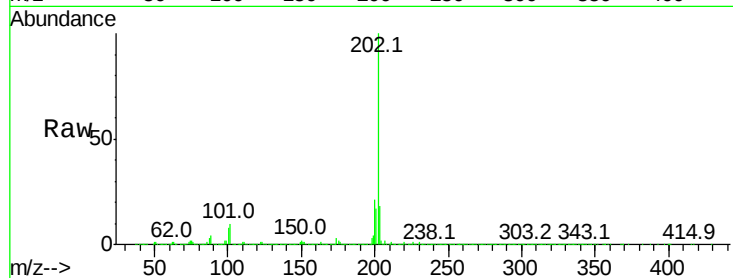
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Pvrene
Concen: 31.662 ng/ul
RT: 19.66 min Scan# 2818
Delta R.T. 0.00 min
Lab File: BM012470.D
Acq: 26 Oct 2017 13:00

Instrument :
BNA_M
ClientSampleId :
B0CN4DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.6	5.1	7.7#
100	8.0	4.9	7.3#

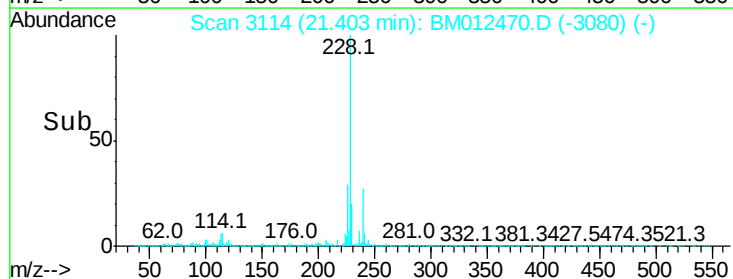
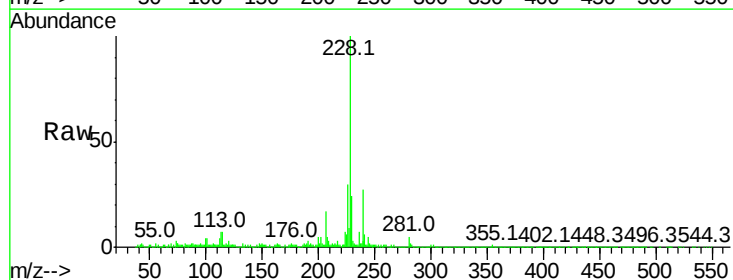
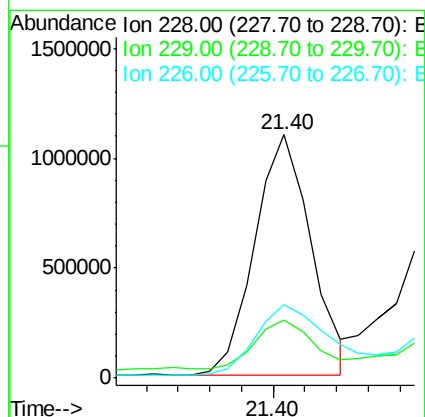
Manual Integrations
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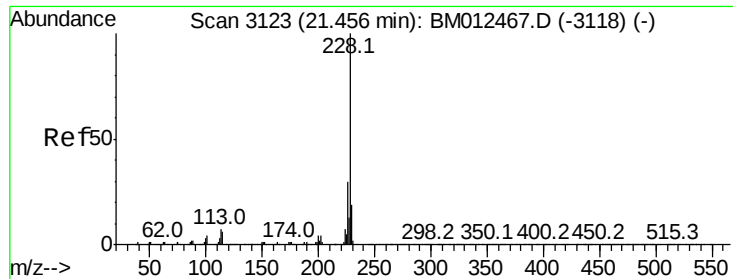
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#80
Benzo(a)anthracene
Concen: 11.702 ng/ul
RT: 21.40 min Scan# 3114
Delta R.T. 0.00 min
Lab File: BM012470.D
Acq: 26 Oct 2017 13:00

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.7	15.4	23.0#
226	30.3	21.4	32.0





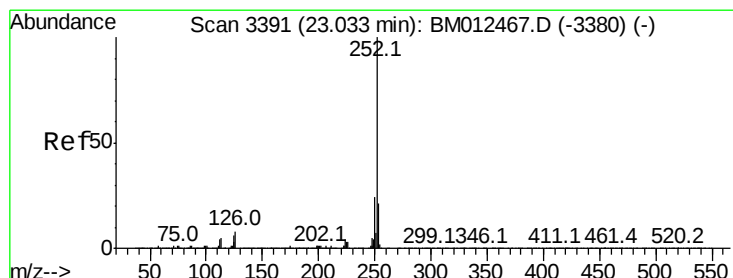
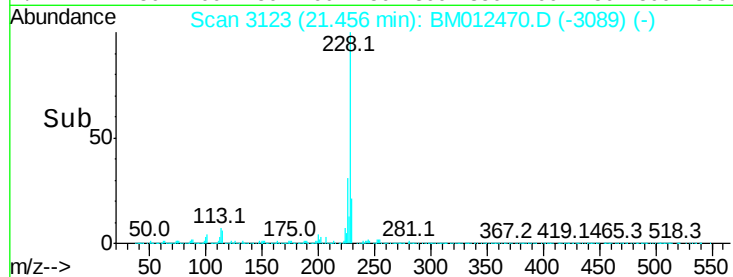
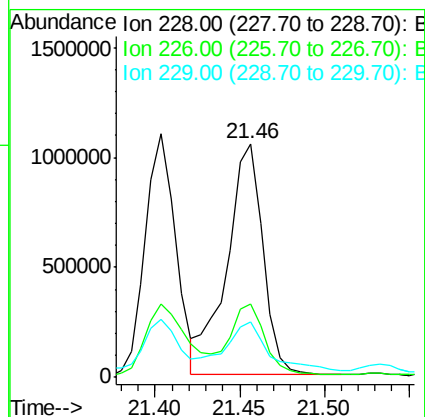
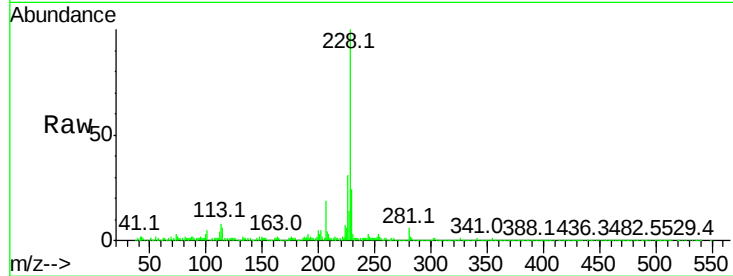
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Chrysene
Concen: 15.296 ng/ul
RT: 21.46 min Scan# 3123
Delta R.T. 0.00 min
Lab File: BM012470.D
Acq: 26 Oct 2017 13:00

Instrument :
BNA_M
ClientSampled :
B0CN4DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.2
229	23.7	15.5	23.3#

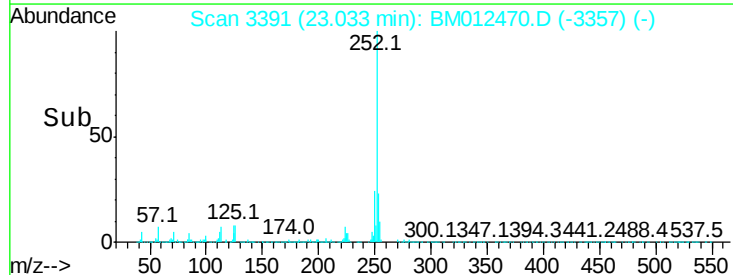
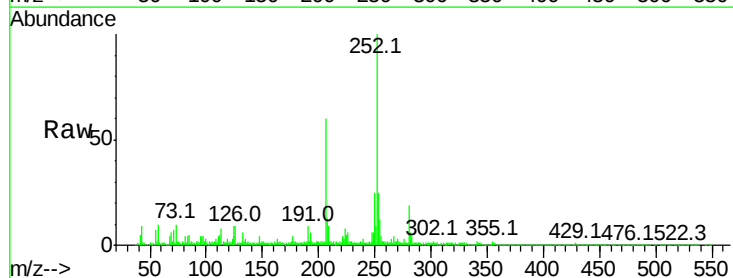
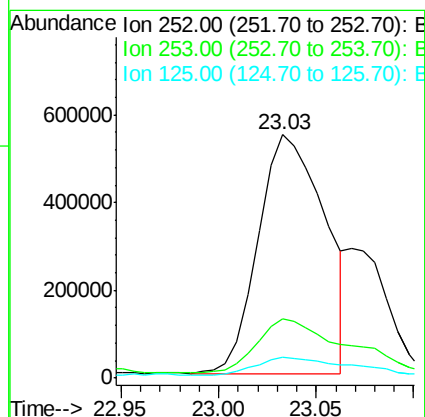
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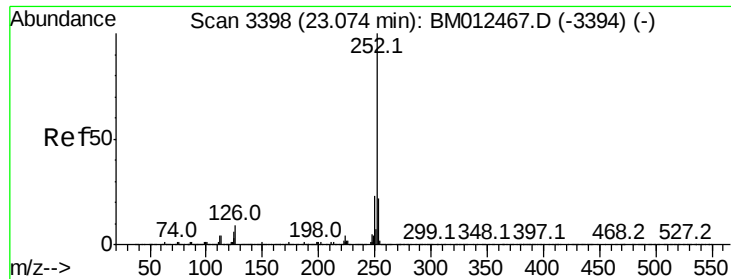
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#85
Benzo(b)fluoranthene
Concen: 9.279 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. 0.00 min
Lab File: BM012470.D
Acq: 26 Oct 2017 13:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.9	26.9
125	8.8	3.6	5.4#





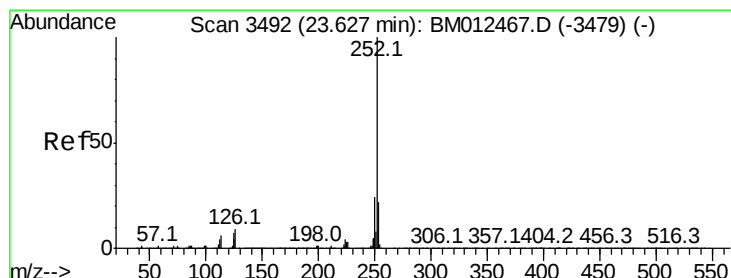
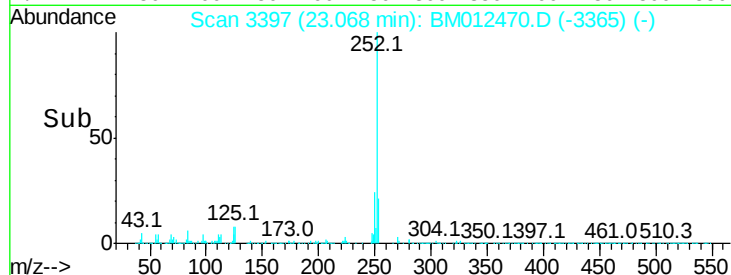
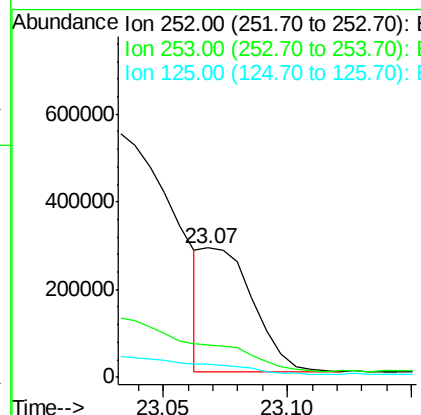
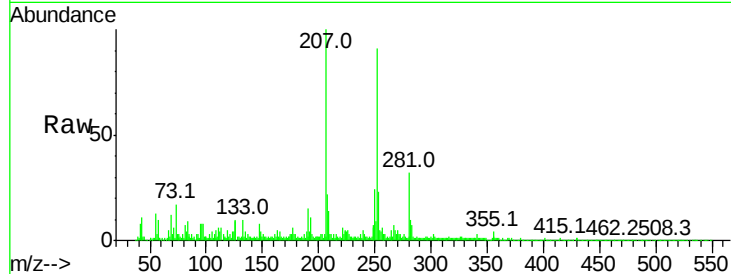
#86
Benzo(k)fluoranthene
Concen: 3.075 ng/ul m
RT: 23.07 min Scan# 3397
Delta R.T. -0.01 min
Lab File: BM012470.D
Acq: 26 Oct 2017 13:00

Instrument :
BNA_M
ClientSampleId :
B0CN4DL

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.9	17.1	25.7
125	10.1	3.4	5.2#

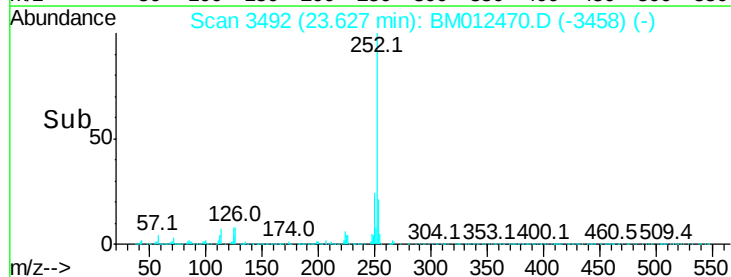
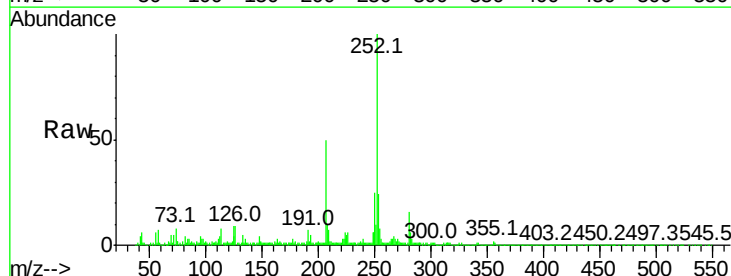
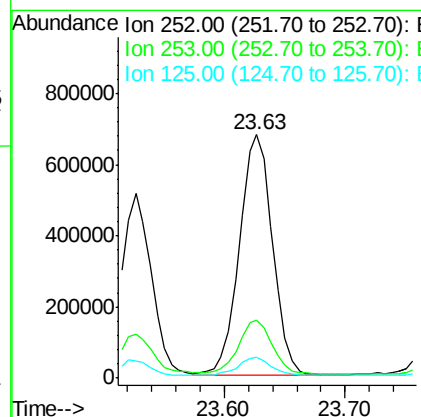
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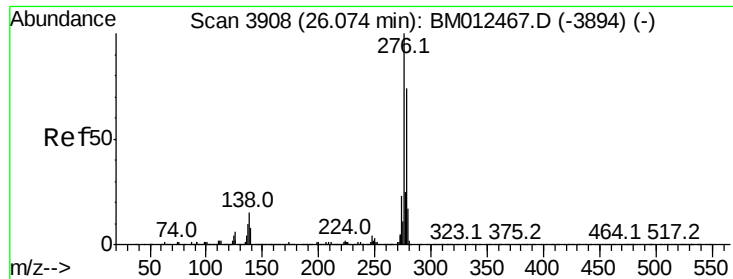
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#88
Benzo(a)pyrene
Concen: 9.754 ng/ul
RT: 23.63 min Scan# 3492
Delta R.T. 0.00 min
Lab File: BM012470.D
Acq: 26 Oct 2017 13:00

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.0	18.2	27.2
125	8.7	4.0	6.0#





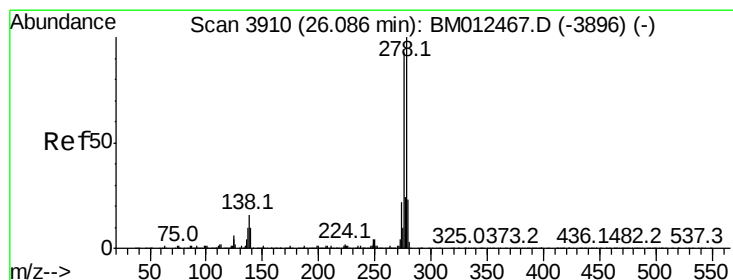
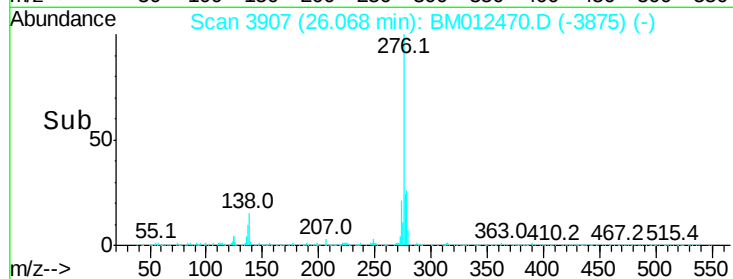
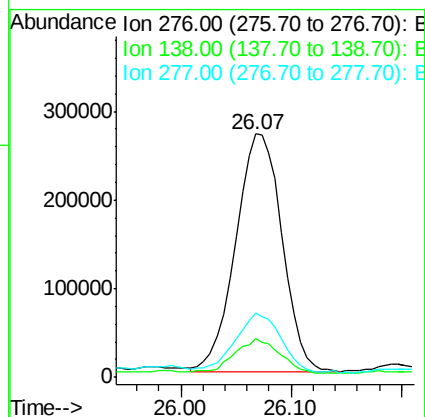
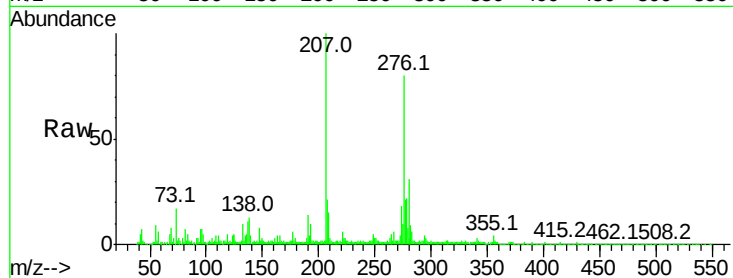
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 5.062 ng/ul
 RT: 26.07 min Scan# 3907
 Delta R.T. -0.01 min
 Lab File: BM012470.D
 Acq: 26 Oct 2017 13:00

Instrument :
 BNA_M
 ClientSampleId :
 B0CN4DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.8	9.3	13.9#
277	26.5	19.9	29.9

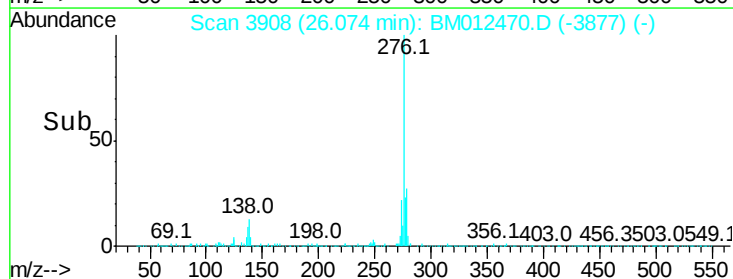
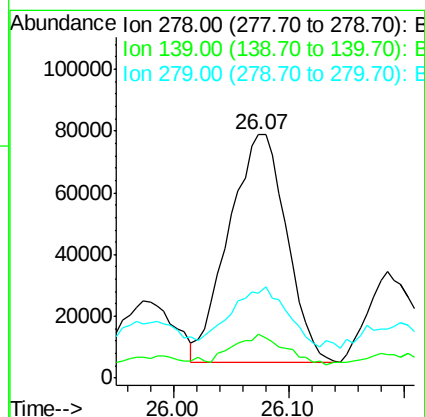
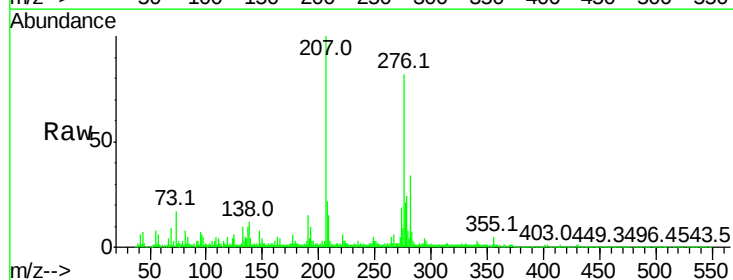
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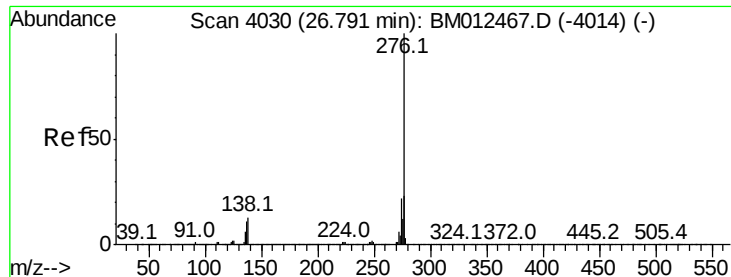
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#90
 Dibenzo(a,h)anthracene
 Concen: 1.944 ng/ul
 RT: 26.07 min Scan# 3908
 Delta R.T. -0.02 min
 Lab File: BM012470.D
 Acq: 26 Oct 2017 13:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.8	5.8	8.8#
279	34.9	18.6	27.8#





#91
 Benzo(a,h,i)perylene
 Concen: 5.989 ng/ul
 RT: 26.79 min Scan# 4030
 Delta R.T. -0.01 min
 Lab File: BM012470.D
 Acq: 26 Oct 2017 13:00

Instrument :
 BNA_M
 ClientSampleId :
 B0CN4DL

Tot Ion:	276	Resp:	754640
Ion Ratio	Lower	Upper	
276	100		
138	14.2	8.5	12.7#
277	25.5	18.6	28.0

Manual Integrations
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