

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110117\
 Data File : BM012662.D
 Acq On : 02 Nov 2017 09:56
 Operator : SJ/JU
 Sample : I5937-19
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 B0DT8

Manual Integrations
 APPROVED

Sohil
 11/2/2017 5:23:58 PM

Quant Time: Nov 02 14:16:38 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 02 07:23:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	320605	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1370430	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	866071	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	2100697	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	2659631	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	2616520	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	22039	3.51	ng/uL	0.00
5) Phenol-d5	7.01	99	430967	16.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	268220	16.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	353387	17.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	294866	12.88	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	178281	20.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	205989	23.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	380346	16.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	234649	9.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	1225043	16.19	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1496181	16.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	150619	13.39	ng/ul	0.00
57) Fluorene-d10	15.46	176	1083473	16.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	81684	8.03	ng/ul	0.00
70) Anthracene-d10	17.32	188	1755371	17.53	ng/ul	0.00
76) Pyrene-d10	19.61	212	2014139	16.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.54	264	2130516	17.14	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.04	94	44674	1.602	ng/ul#	82
28) Naphthalene	10.68	128	149402	2.199	ng/ul	100
34) 2-Methylnaphthalene	12.29	142	77611	1.406	ng/ul	91
44) Dimethylphthalate	13.93	163	364513	4.871	ng/ul	100
47) Acenaphthylene	14.19	152	312701	3.661	ng/ul	98
53) Dibenzofuran	14.87	168	212295	2.452	ng/ul	97
58) Fluorene	15.52	166	142825	1.950	ng/ul	99
69) Phenanthrene	17.26	178	3989753	35.120	ng/ul	99
71) Anthracene	17.35	178	346084	2.948	ng/ul	99
72) Carbazole	17.62	167	294045	3.023	ng/ul	99
74) Fluoranthene	19.27	202	5765753	44.791	ng/ul#	92
77) Pyrene	19.64	202	4714566	31.172	ng/ul#	92
80) Benzo(a)anthracene	21.38	228	2044462	12.837	ng/ul	95
82) Chrysene	21.43	228	2417256	17.071	ng/ul	97
85) Benzo(b)fluoranthene	23.00	252	3164671	19.566	ng/ul#	97
86) Benzo(k)fluoranthene	23.04	252	1122805m	7.376	ng/ul	
88) Benzo(a)pyrene	23.59	252	1929353	12.511	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.01	276	1096041	6.039	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.01	278	270047	1.755	ng/ul#	82
91) Benzo(g,h,i)perylene	26.73	276	821968	5.588	ng/ul#	95

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

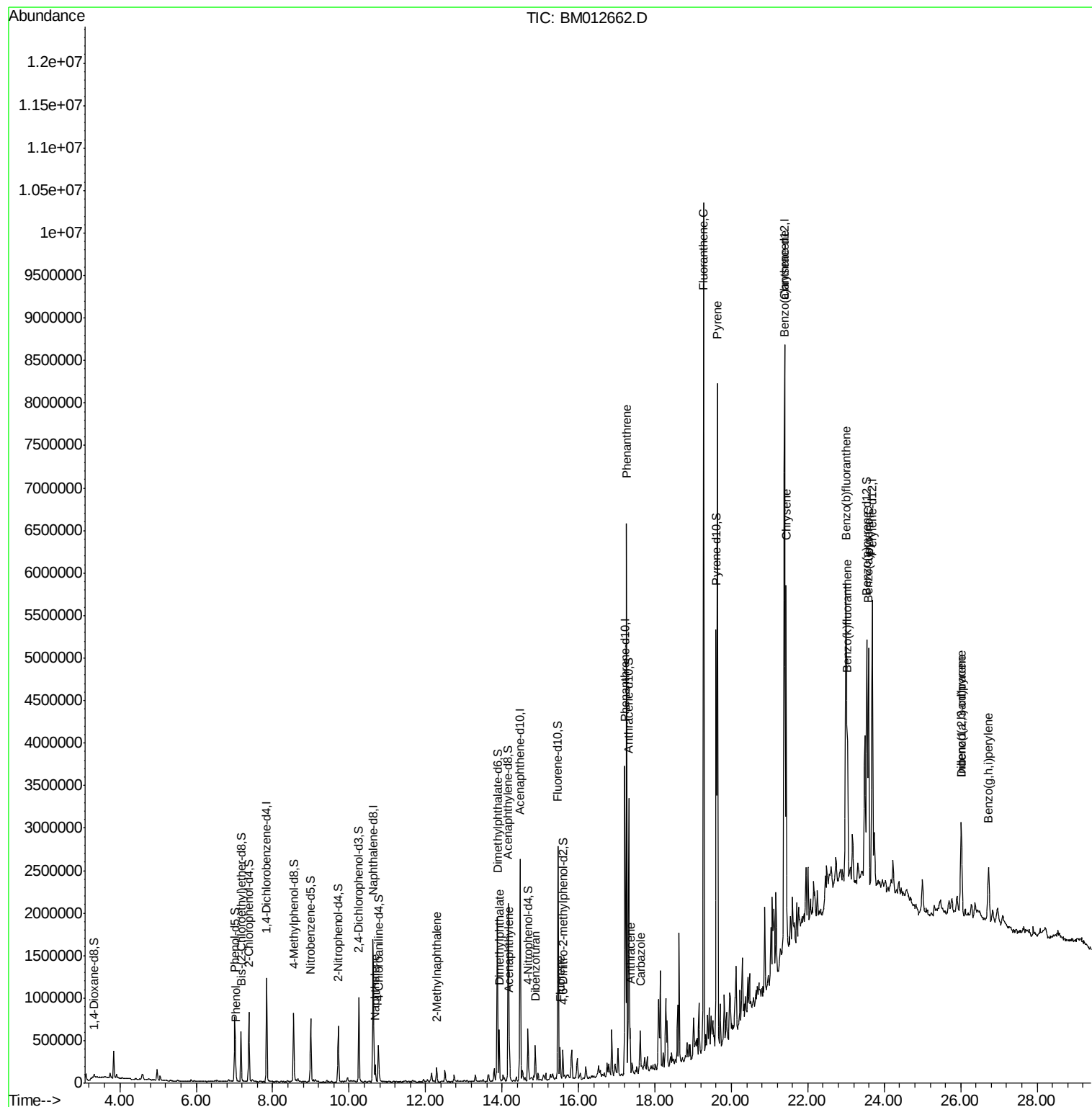
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110117\
Data File : BM012662.D
Acq On : 02 Nov 2017 09:56
Operator : SJ/JU
Sample : I5937-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

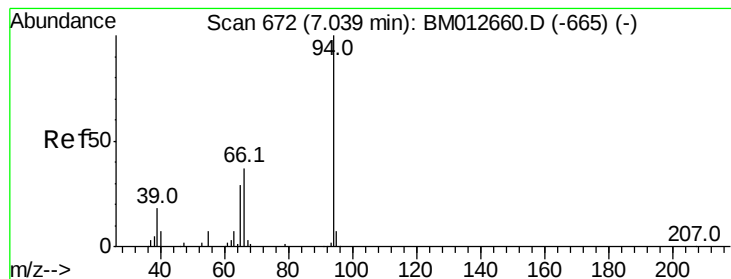
Instrument :
BNA_M
ClientSampled :
B0DT8

Manual Integrations
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Quant Time: Nov 02 14:16:38 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 02 07:23:43 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.602 ng/ul

RT: 7.04 min Scan# 672

Delta R.T. -0.00 min

Lab File: BM012662.D

Acq: 02 Nov 2017 09:56

Instrument :

BNA_M

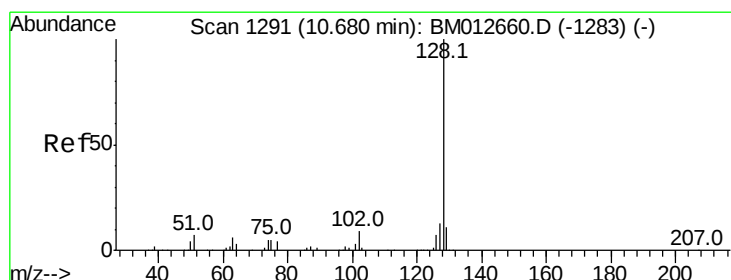
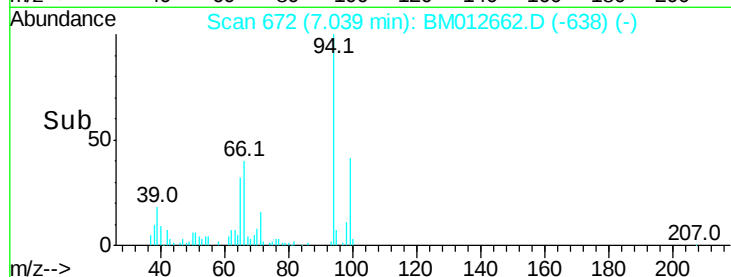
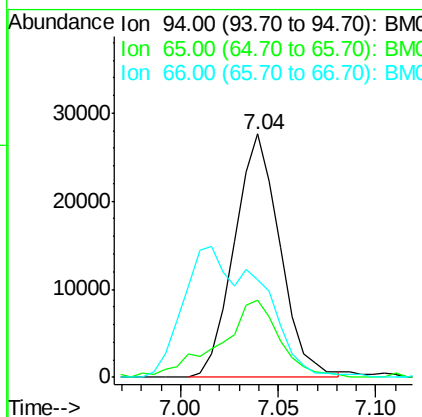
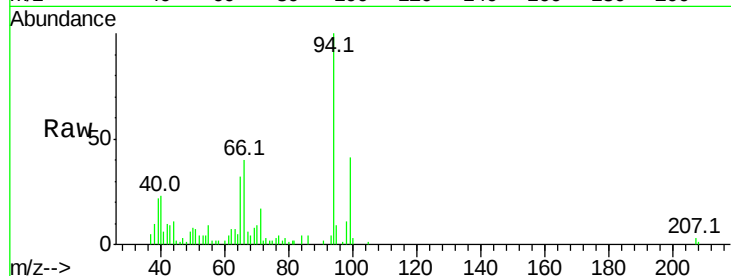
ClientSampleId :

B0DT8

Tot Ion:	94	Resp:	44674
Ion Ratio	Lower	Upper	
94	100		
65	31.6	28.2	42.4
66	40.4	47.2	70.8#

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#28

Naphthalene

Concen: 2.199 ng/ul

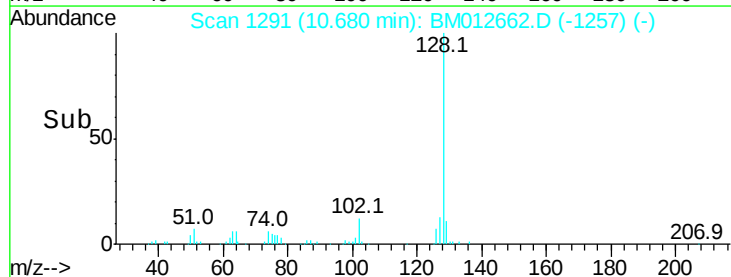
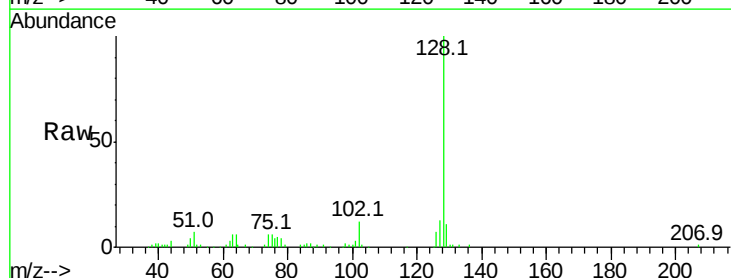
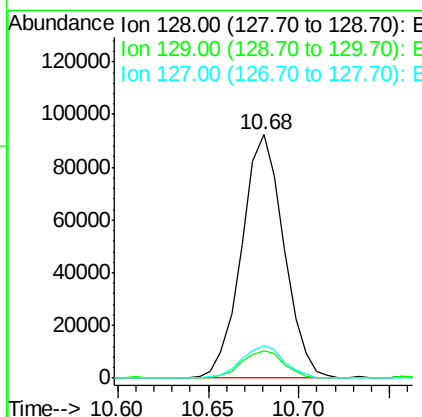
RT: 10.68 min Scan# 1291

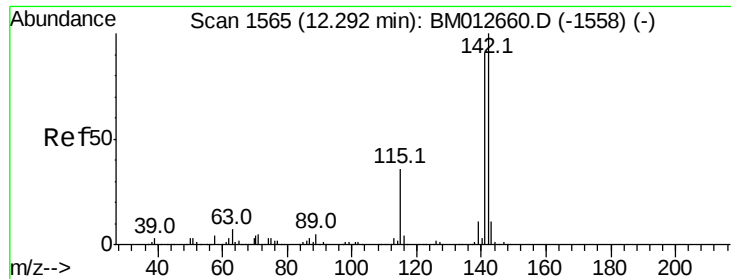
Delta R.T. -0.00 min

Lab File: BM012662.D

Acq: 02 Nov 2017 09:56

Tgt Ion:	128	Resp:	149402
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.8	13.2
127	13.5	10.6	16.0





#34

2-Methylnaphthalene

Concen: 1.406 ng/ul

RT: 12.29 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BM012662.D

Acq: 02 Nov 2017 09:56

Instrument :

BNA_M

ClientSampleId :

B0DT8

Tot Ion:142 Resp: 77611

Ion Ratio Lower Upper

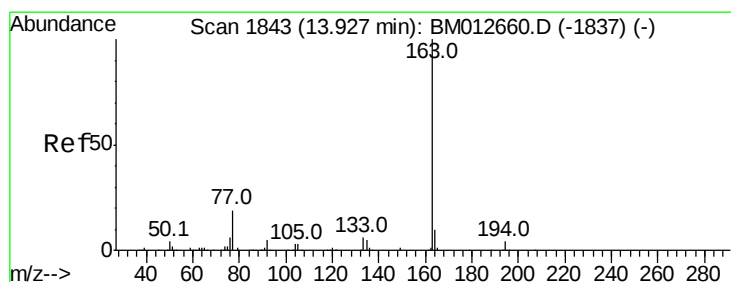
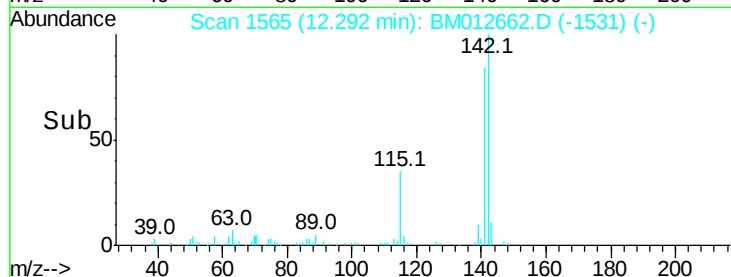
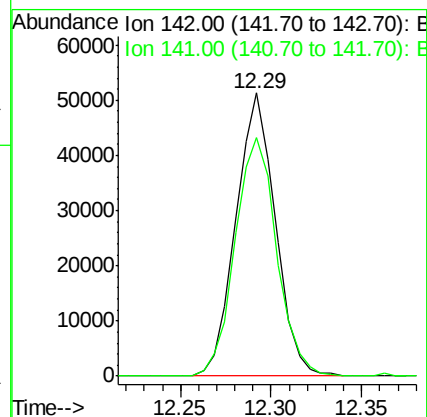
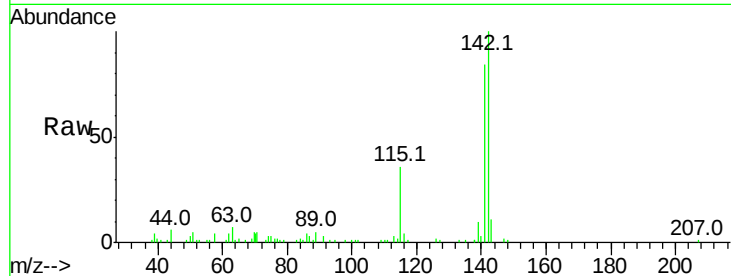
142 100

141 84.3 74.1 111.1

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#44

Dimethylphthalate

Concen: 4.871 ng/ul

RT: 13.93 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BM012662.D

Acq: 02 Nov 2017 09:56

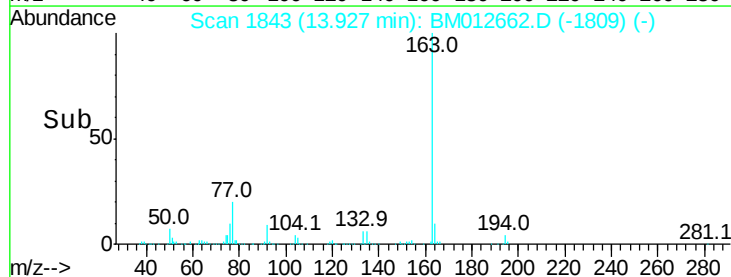
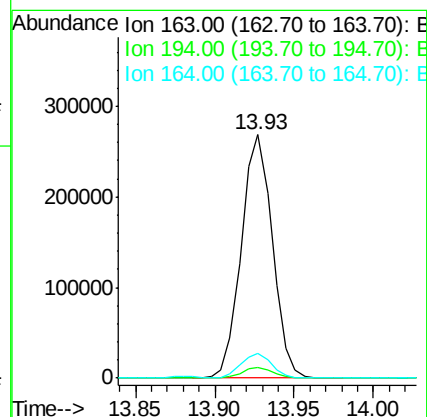
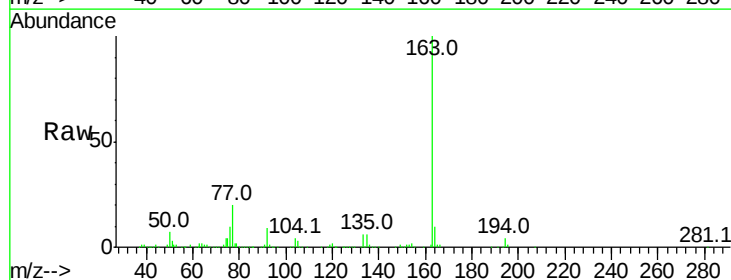
Tgt Ion:163 Resp: 364513

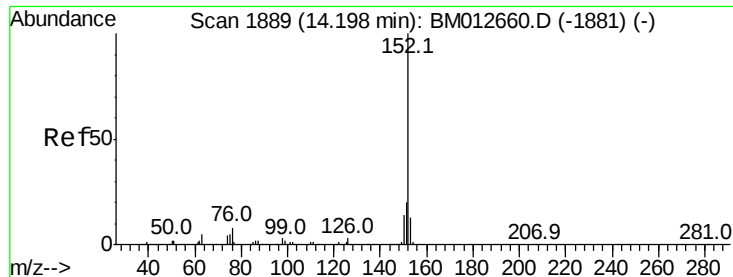
Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 10.3 8.2 12.4





#47

Acenaphthylene

Concen: 3.661 ng/ul

RT: 14.19 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BM012662.D

Acq: 02 Nov 2017 09:56

Instrument :

BNA_M

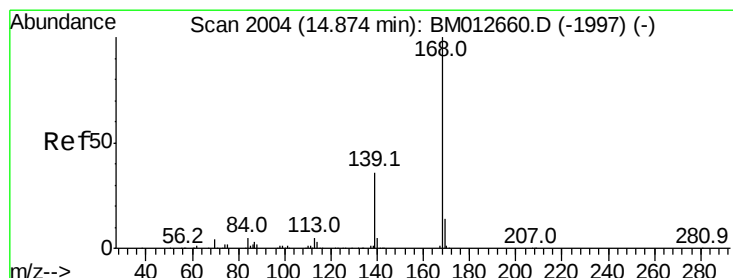
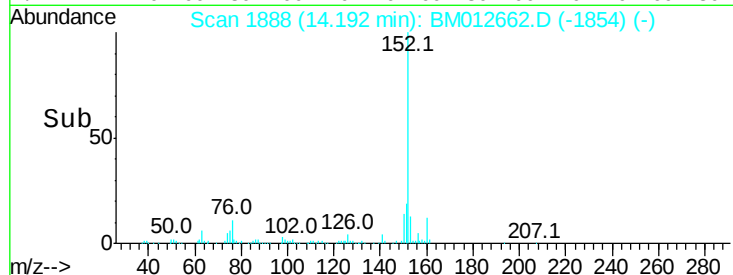
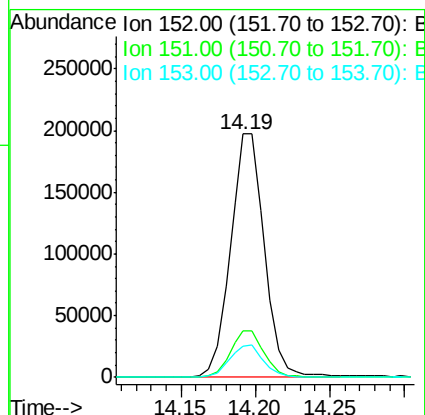
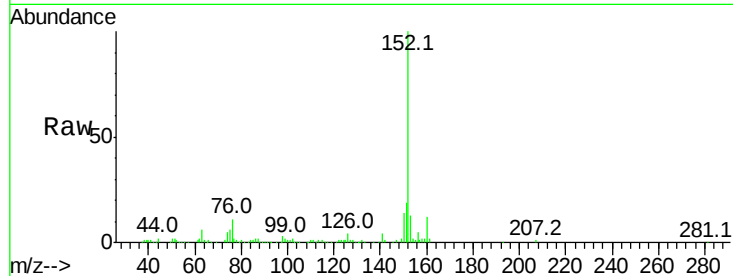
ClientSampled :

B0DT8

Tot Ion:	152	Resp:	312701
Ion Ratio	Lower	Upper	
152	100		
151	18.9	16.3	24.5
153	12.8	10.2	15.4

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#53

Dibenzofuran

Concen: 2.452 ng/ul

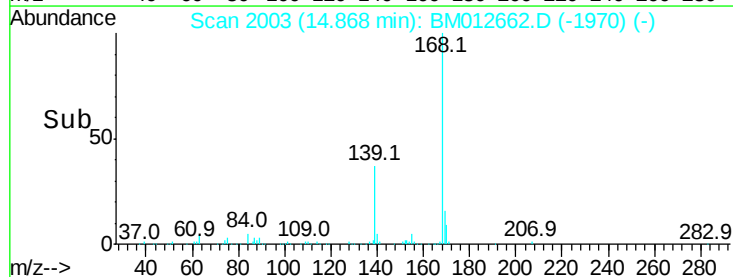
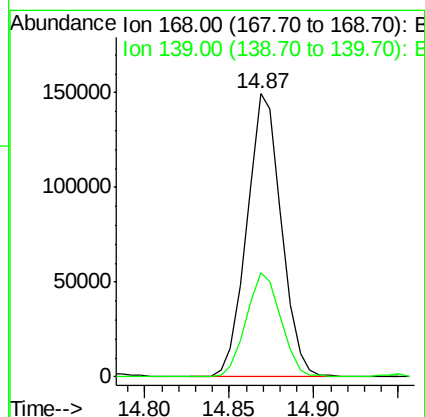
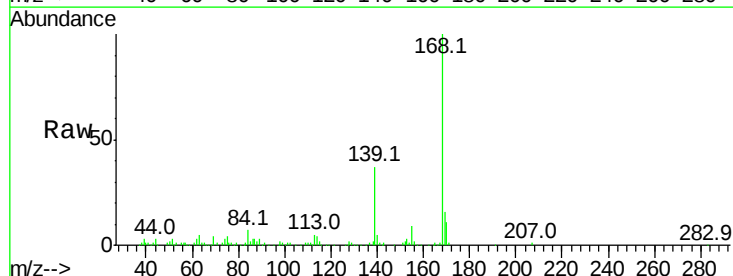
RT: 14.87 min Scan# 2003

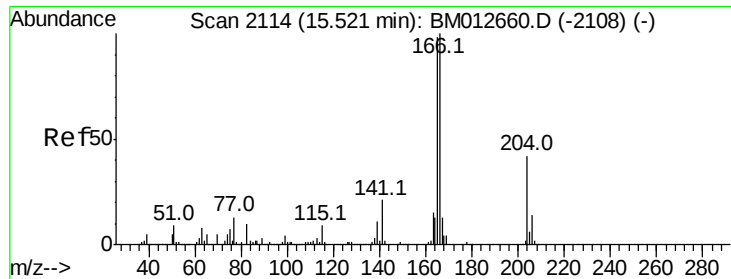
Delta R.T. -0.01 min

Lab File: BM012662.D

Acq: 02 Nov 2017 09:56

Tgt Ion:	168	Resp:	212295
Ion Ratio	Lower	Upper	
168	100		
139	36.9	30.8	46.2





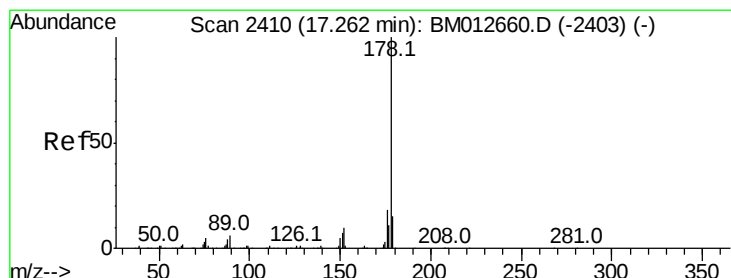
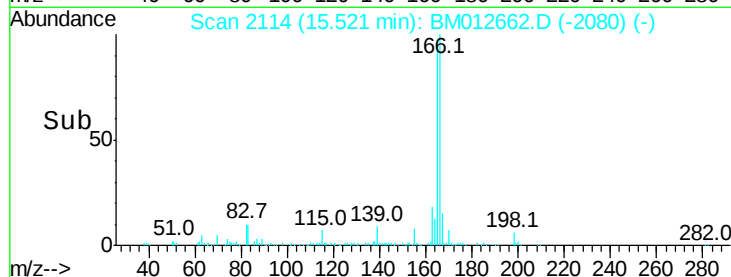
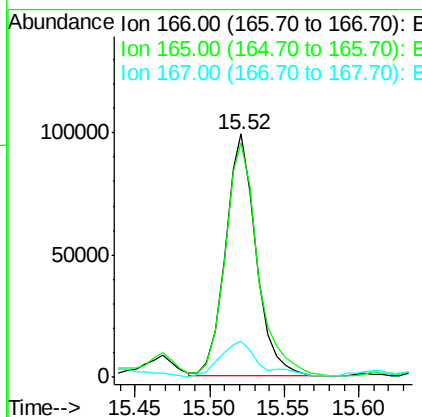
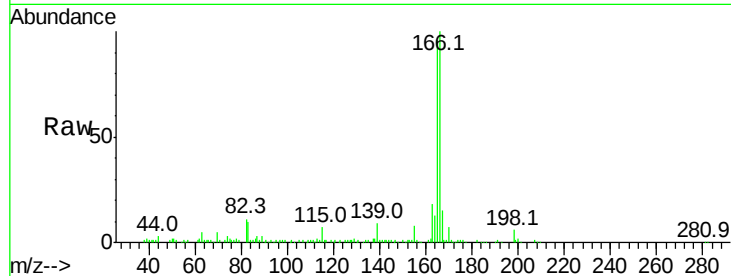
#58
Fluorene
 Concen: 1.950 ng/ul
 RT: 15.52 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: BM012662.D
 Acq: 02 Nov 2017 09:56

Instrument :
 BNA_M
 ClientSampleId :
 B0DT8

Tot Ion	Ratio	Resp	Lower	Upper
166	100	142825		
165	96.3		77.9	116.9
167	14.9		10.6	16.0

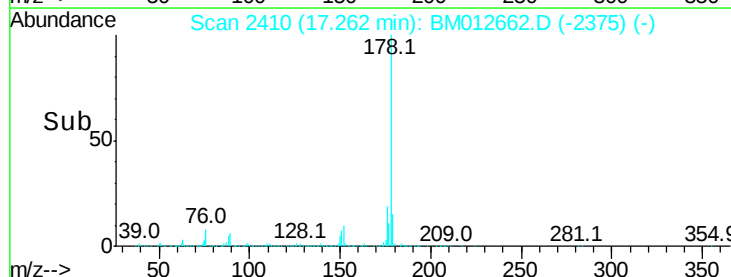
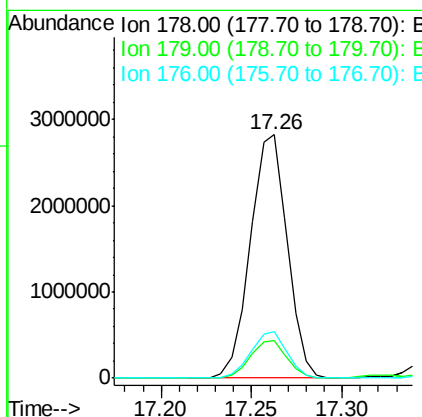
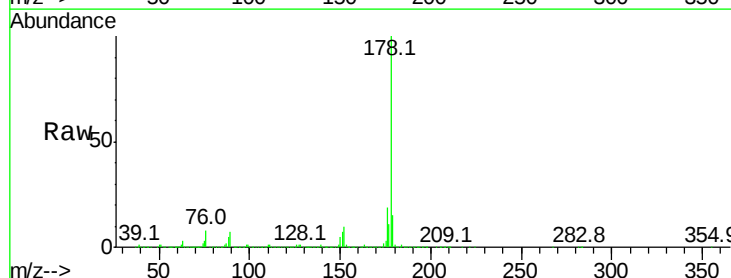
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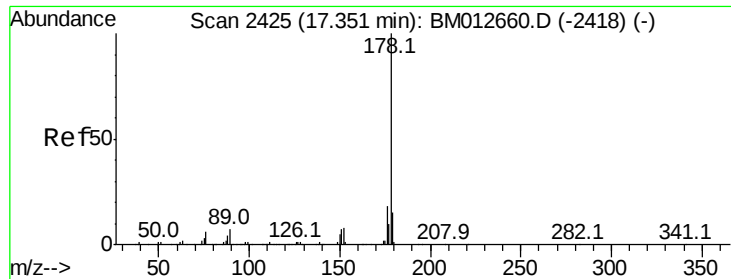
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#69
Phenanthrene
 Concen: 35.120 ng/ul
 RT: 17.26 min Scan# 2410
 Delta R.T. 0.01 min
 Lab File: BM012662.D
 Acq: 02 Nov 2017 09:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	3989753		
179	15.3		12.6	19.0
176	19.1		14.9	22.3





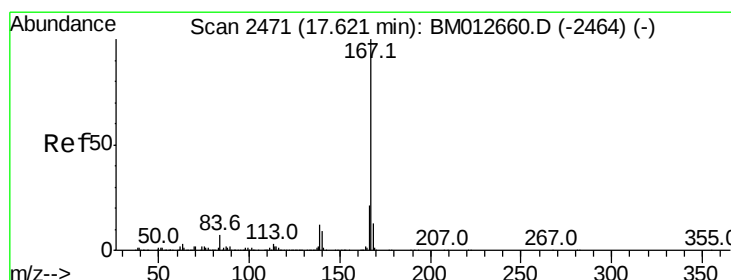
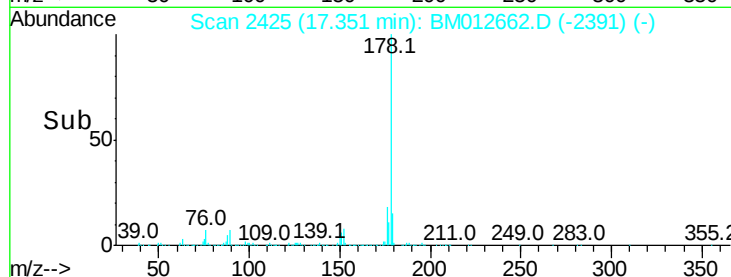
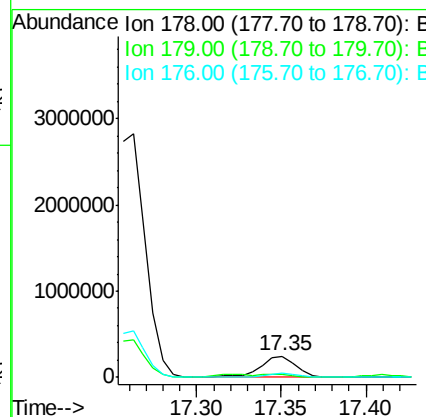
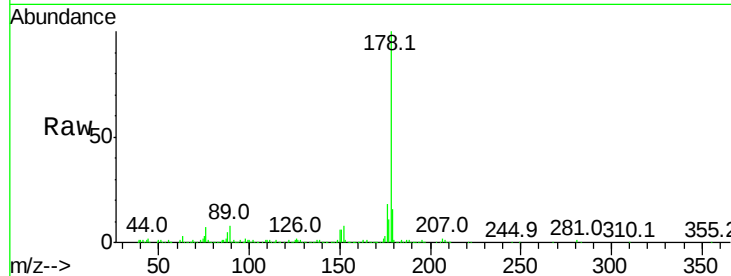
#71
 Anthracene
 Concen: 2.948 ng/ul
 RT: 17.35 min Scan# 2425
 Delta R.T. -0.00 min
 Lab File: BM012662.D
 Acq: 02 Nov 2017 09:56

Instrument :
 BNA_M
 ClientSampleId :
 B0DT8

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.7	17.5
176	17.8	14.6	21.8

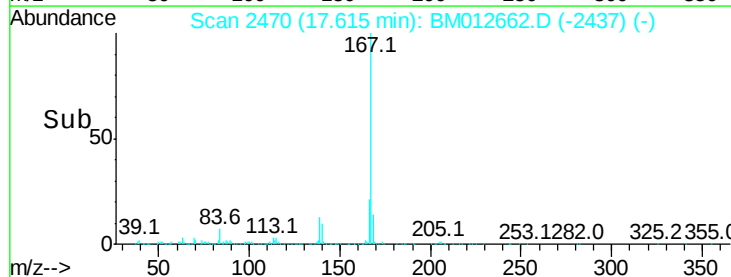
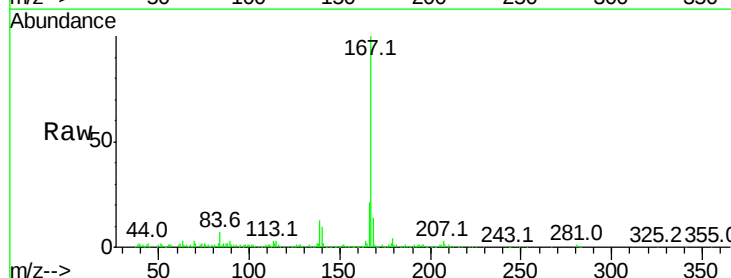
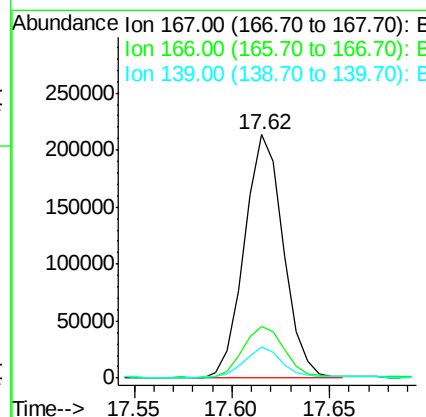
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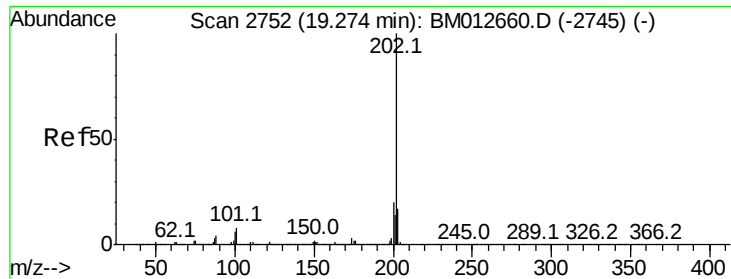
Sohil
 11/2/2017 5:23:58 PM



#72
 Carbazole
 Concen: 3.023 ng/ul
 RT: 17.62 min Scan# 2470
 Delta R.T. -0.01 min
 Lab File: BM012662.D
 Acq: 02 Nov 2017 09:56

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	13.0	10.0	15.0





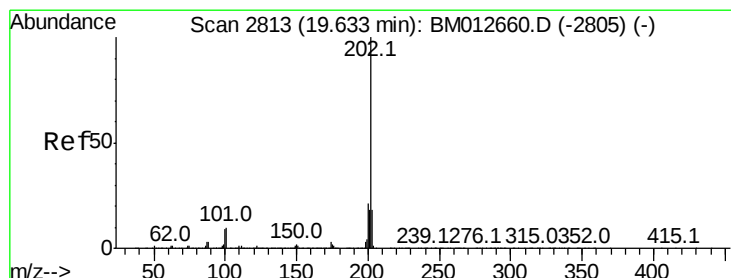
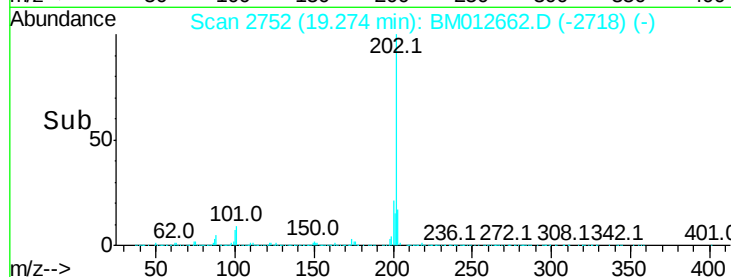
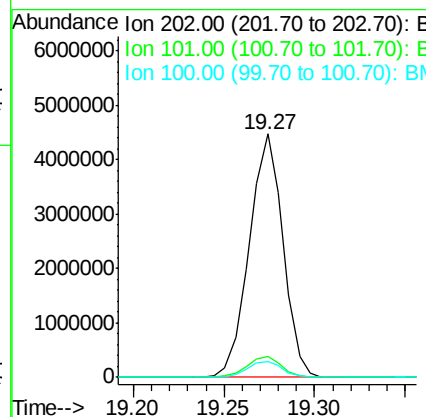
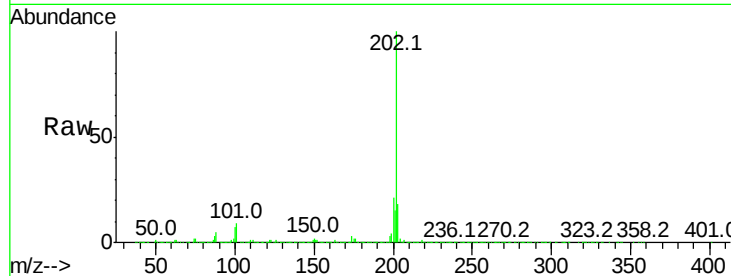
#74
 Fluoranthene
 Concen: 44.791 ng/ul
 RT: 19.27 min Scan# 2752
 Delta R.T. -0.00 min
 Lab File: BM012662.D
 Acq: 02 Nov 2017 09:56

Instrument :
 BNA_M
 ClientSampleId :
 B0DT8

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.7	4.6	7.0#
100	6.7	3.4	5.2#

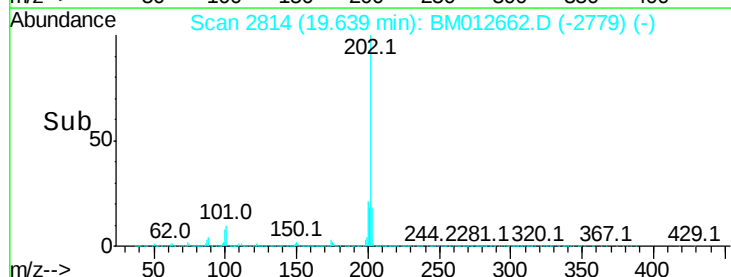
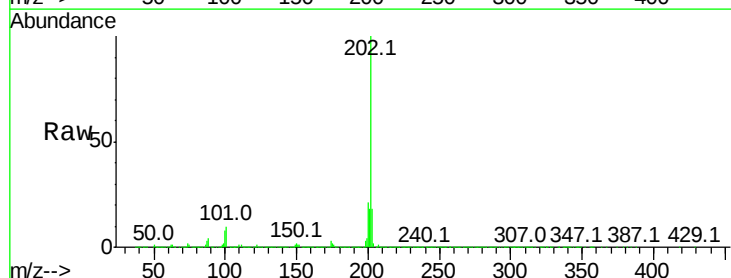
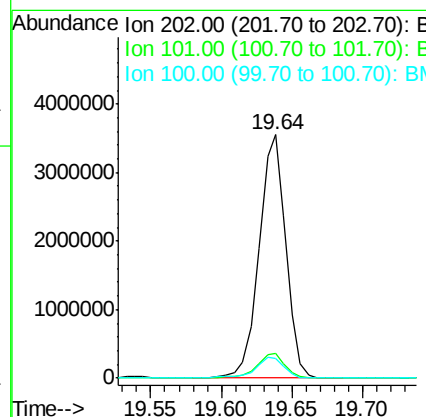
Manual Integrations
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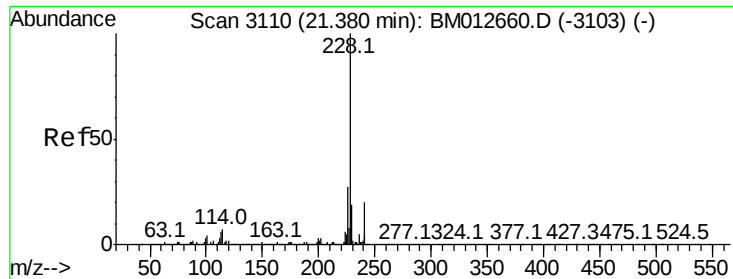
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#77
 Pyrene
 Concen: 31.172 ng/ul
 RT: 19.64 min Scan# 2814
 Delta R.T. 0.01 min
 Lab File: BM012662.D
 Acq: 02 Nov 2017 09:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	5.1	7.7#
100	8.2	4.9	7.3#





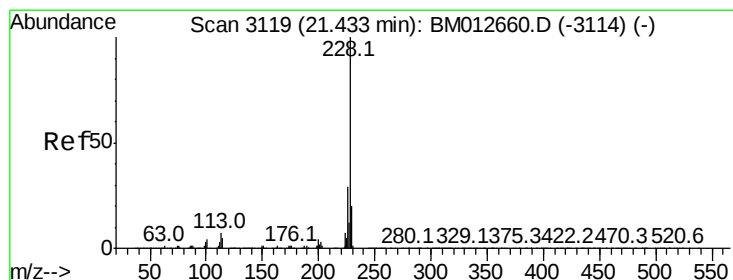
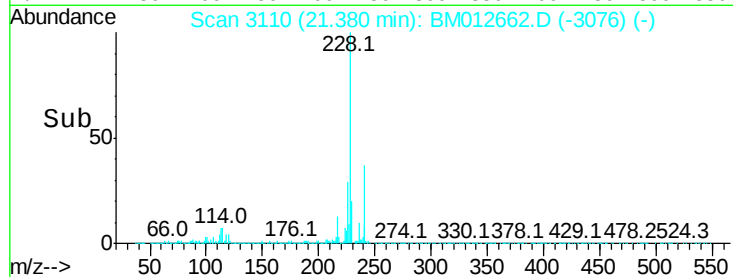
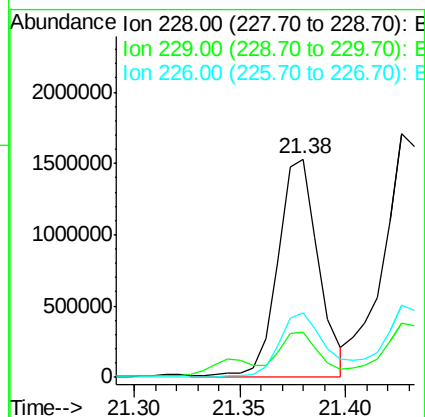
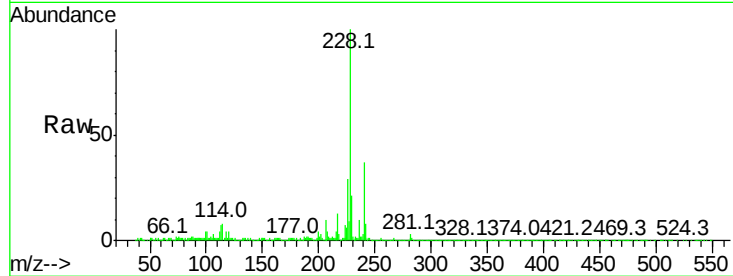
#80
Benzo(a)anthracene
Concen: 12.837 ng/ul
RT: 21.38 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BM012662.D
Acq: 02 Nov 2017 09:56

Instrument :
BNA_M
ClientSampleId :
B0DT8

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.4	23.0
226	29.3	21.4	32.0

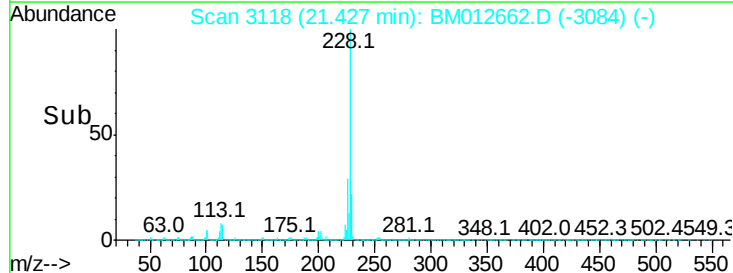
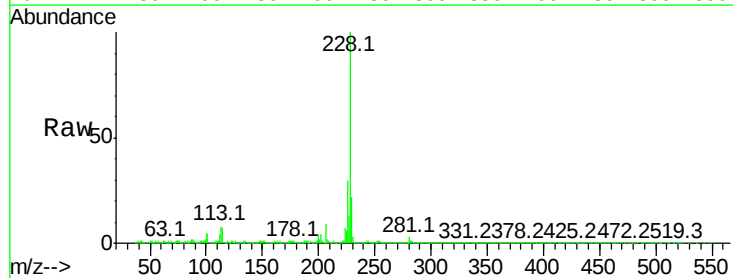
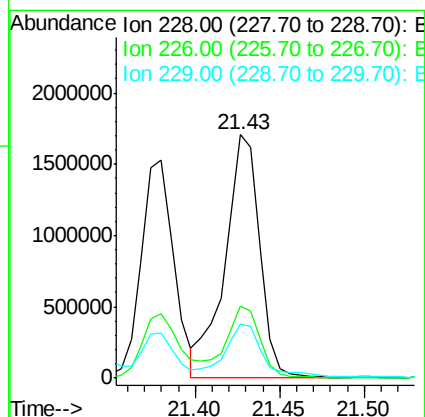
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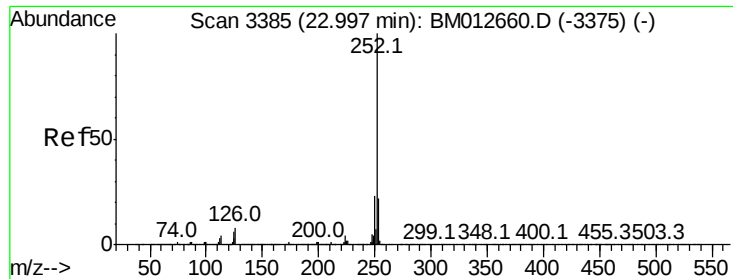
Sohil
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#82
Chrysene
Concen: 17.071 ng/ul
RT: 21.43 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BM012662.D
Acq: 02 Nov 2017 09:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	22.2	15.5	23.3





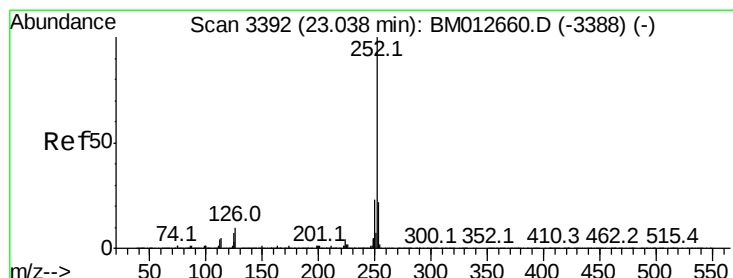
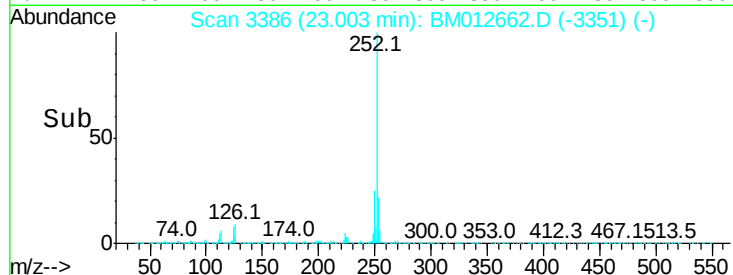
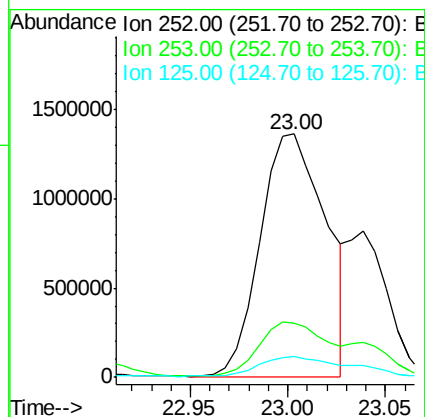
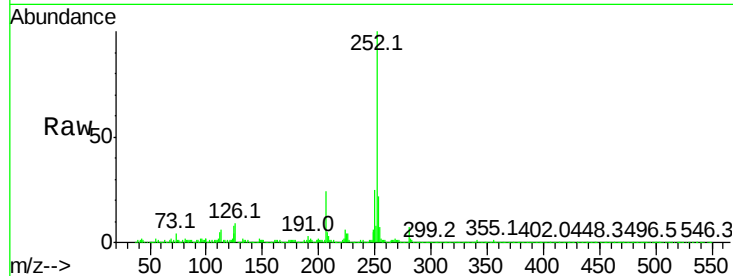
#85
Benzo(b)fluoranthene
Concen: 19.566 ng/ul
RT: 23.00 min Scan# 3386
Delta R.T. 0.01 min
Lab File: BM012662.D
Acq: 02 Nov 2017 09:56

Instrument :
BNA_M
ClientSampled :
B0DT8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	8.4	3.6	5.4

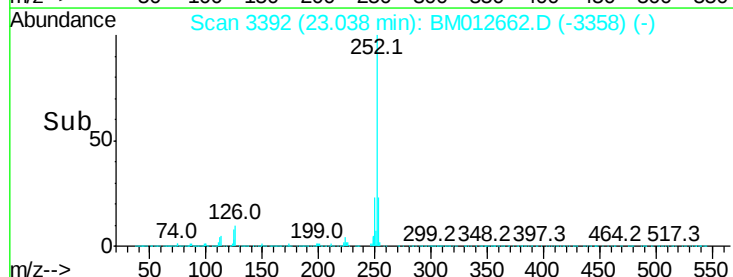
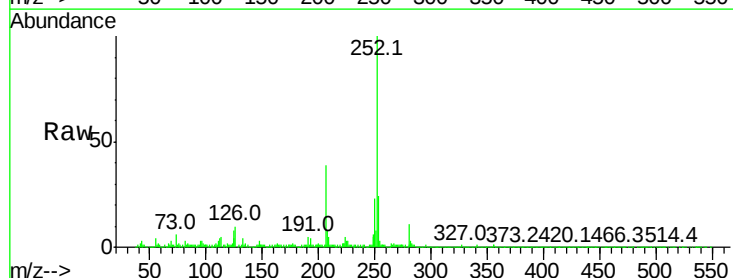
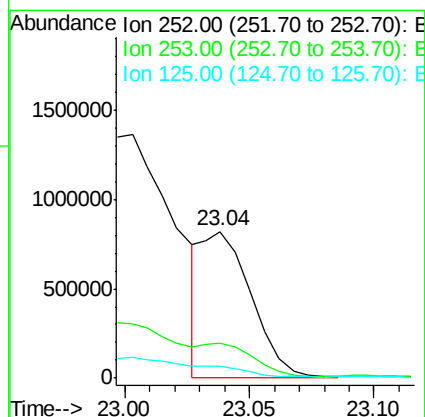
Manual Integrations
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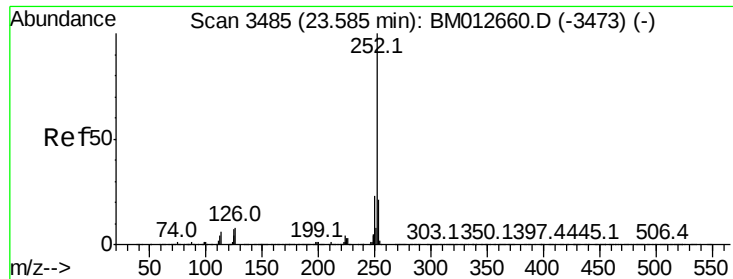
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#86
Benzo(k)fluoranthene
Concen: 7.376 ng/ul m
RT: 23.04 min Scan# 3392
Delta R.T. -0.00 min
Lab File: BM012662.D
Acq: 02 Nov 2017 09:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	8.4	3.4	5.2





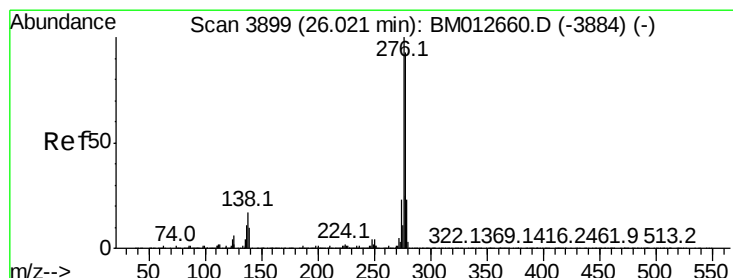
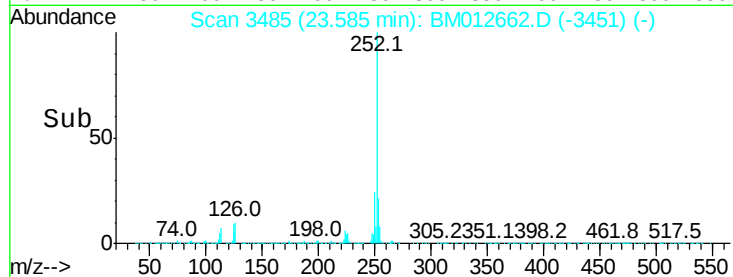
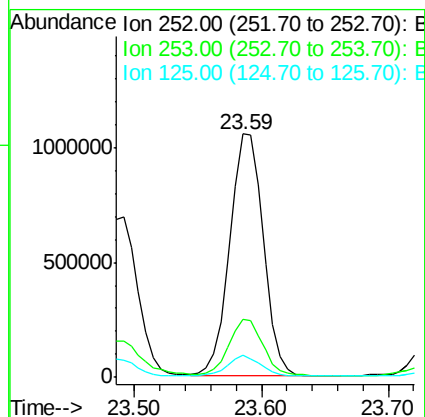
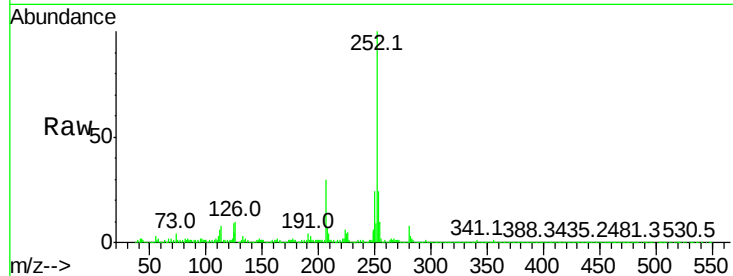
#88
Benzo(a)pyrene
Concen: 12.511 ng/ul
RT: 23.59 min Scan# 3485
Delta R.T. -0.00 min
Lab File: BM012662.D
Acq: 02 Nov 2017 09:56

Instrument :
BNA_M
ClientSampled :
B0DT8

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	9.2	4.0	6.0

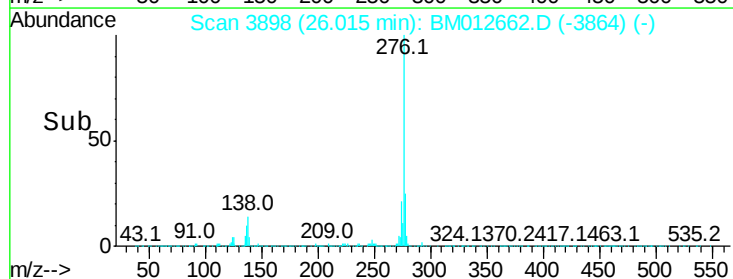
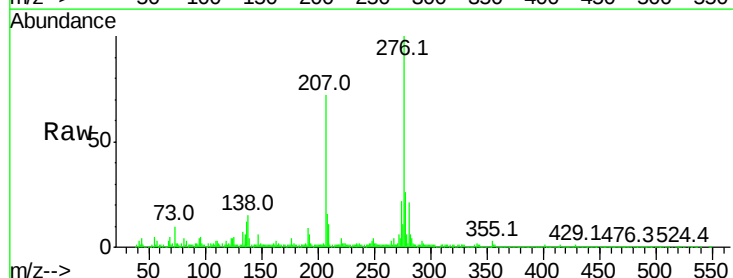
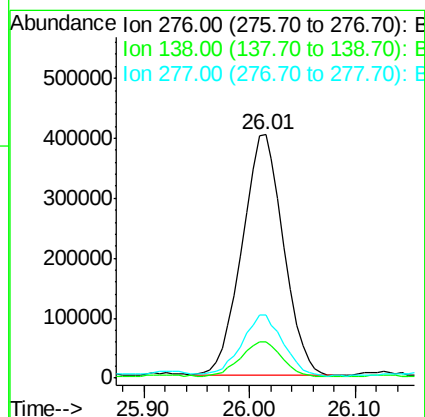
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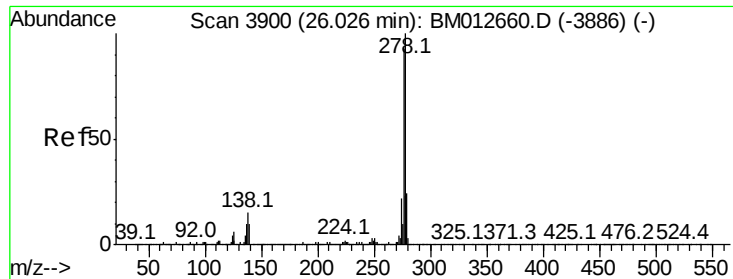
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#89
Indeno(1,2,3-cd)pyrene
Concen: 6.039 ng/ul
RT: 26.01 min Scan# 3898
Delta R.T. -0.00 min
Lab File: BM012662.D
Acq: 02 Nov 2017 09:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.8	9.3	13.9
277	25.8	19.9	29.9





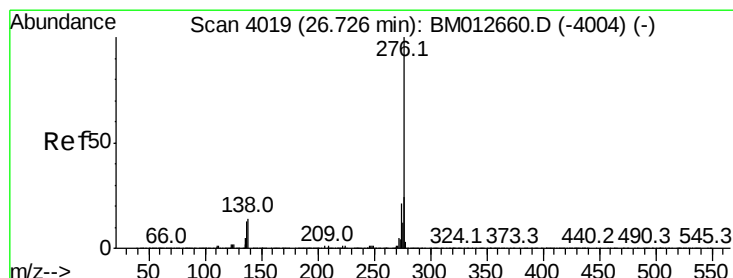
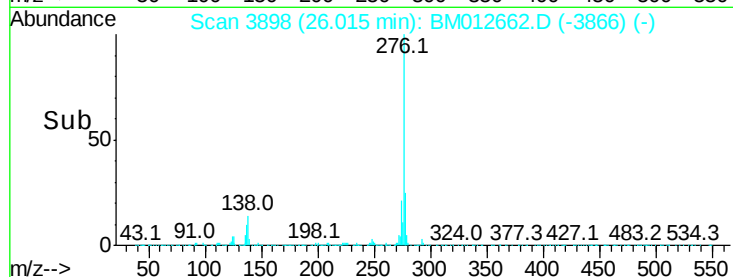
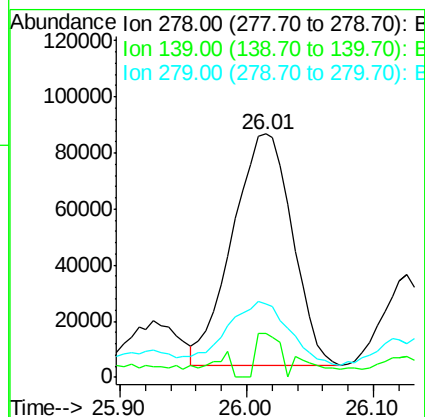
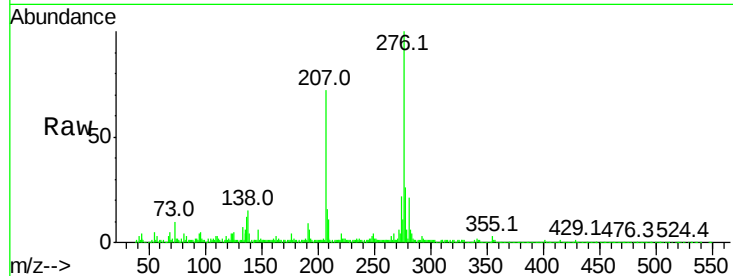
#90
Dibenzo(a,h)anthracene
Concen: 1.755 ng/ul
RT: 26.01 min Scan# 3898
Delta R.T. -0.01 min
Lab File: BM012662.D
Acq: 02 Nov 2017 09:56

Instrument :
BNA_M
ClientSampled :
B0DT8

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.2	5.8	8.8#
279	30.2	18.6	27.8#

Manual Integrations
APPROVED

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11/2/2017 5:23:58 PM



#91
Benzo(g,h,i)perylene
Concen: 5.588 ng/ul
RT: 26.73 min Scan# 4019
Delta R.T. -0.00 min
Lab File: BM012662.D
Acq: 02 Nov 2017 09:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.4	8.5	12.7#
277	24.0	18.6	28.0

