

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121417\
 Data File : BM013429.D
 Acq On : 15 Dec 2017 07:47
 Operator : SJ/JU
 Sample : I6779-10 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A93

Manual Integrations
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Sohil
 12/15/2017 6:49:17 PM

Quant Time: Dec 18 17:11:54 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 04:56:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	243387	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1097803	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	627923	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1355991	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1239123	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	973788	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	6664	1.36	ng/uL	0.00
5) Phenol-d5	6.85	99	160671	7.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	94407	7.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	131217	7.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	137572	7.65	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	69909	8.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	75457	8.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	136854	7.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	108250	6.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	450364	8.06	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	558948	8.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	60867	6.27	ng/ul	0.00
57) Fluorene-d10	15.32	176	371837	7.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	49499	5.80	ng/ul	0.00
70) Anthracene-d10	17.17	188	554744	8.17	ng/ul	0.00
76) Pyrene-d10	19.46	212	572445	9.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	389983	7.86	ng/ul	0.00

Target Compounds

					Qvalue	
44) Dimethylphthalate	13.78	163	88747	1.661	ng/ul#	97
47) Acenaphthylene	14.04	152	484714	7.596	ng/ul	97
68) Pentachlorophenol	16.72	266	34368	3.380	ng/ul	94
69) Phenanthrene	17.11	178	102330	1.328	ng/ul	98
71) Anthracene	17.20	178	364514	4.629	ng/ul	98
74) Fluoranthene	19.13	202	1238934	13.123	ng/ul#	93
77) Pyrene	19.50	202	1776267	23.595	ng/ul#	94
80) Benzo(a)anthracene	21.24	228	895037	11.384	ng/ul	94
82) Chrysene	21.30	228	1134203	15.550	ng/ul	97
85) Benzo(b)fluoranthene	22.82	252	2169041	33.042	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	600810m	9.726	ng/ul	
88) Benzo(a)pyrene	23.39	252	1233162	20.912	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.71	276	1076038	18.391	ng/ul	96
90) Dibenzo(a,h)anthracene	25.71	278	280143	5.623	ng/ul#	87
91) Benzo(g,h,i)perylene	26.40	276	989927	21.449	ng/ul#	95

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

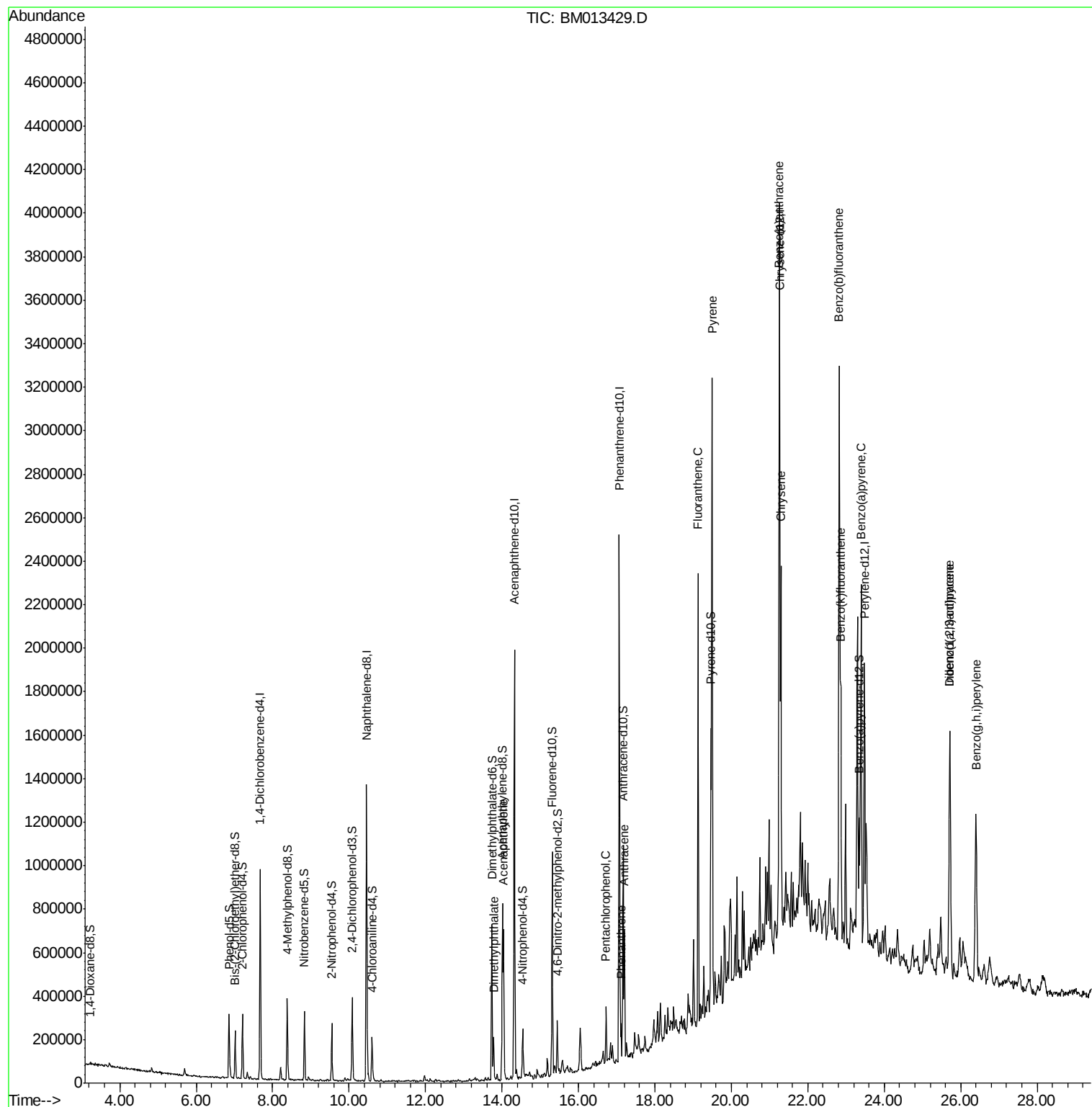
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121417\
Data File : BM013429.D
Acq On : 15 Dec 2017 07:47
Operator : SJ/JU
Sample : I6779-10 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

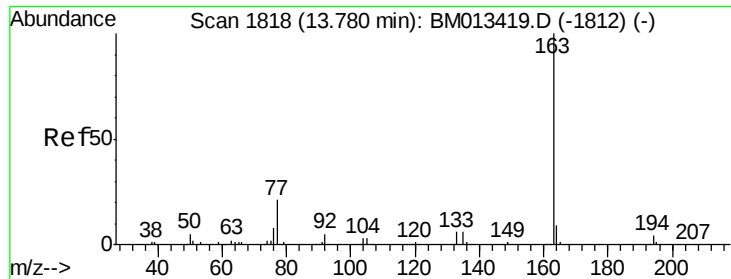
Instrument :
BNA_M
ClientSampleId :
F9A93

Manual Integrations
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





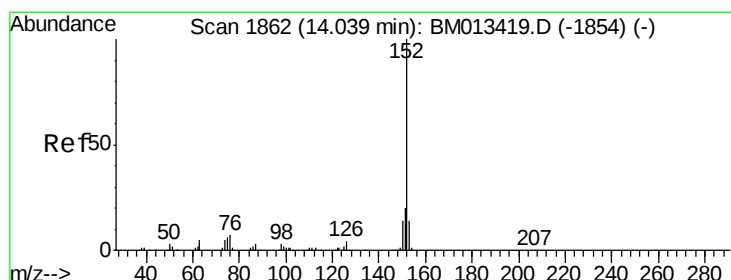
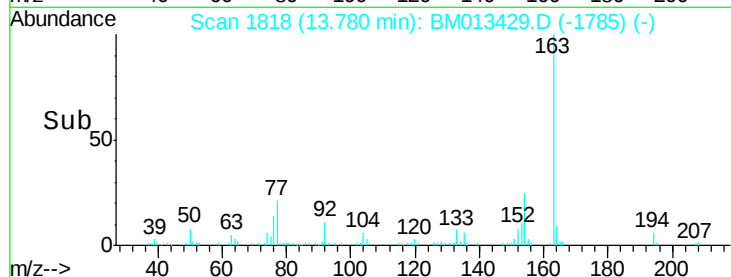
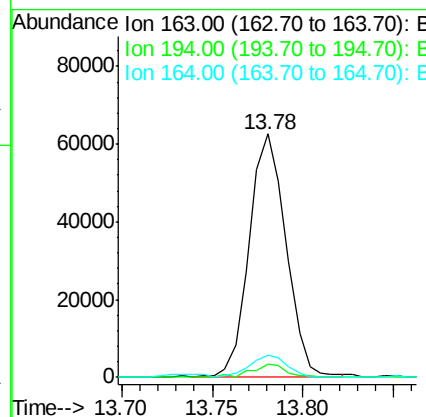
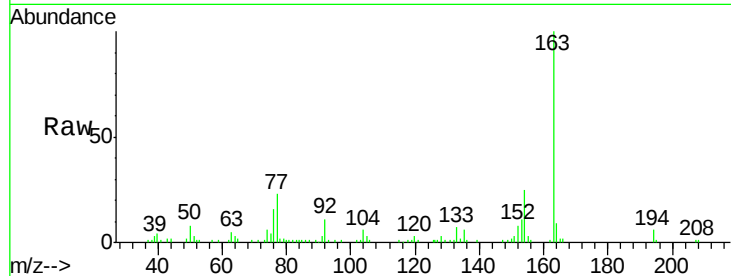
#44
Dimethylphthalate
Concen: 1.661 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM013429.D
Acq: 15 Dec 2017 07:47

Instrument :
BNA_M
ClientSampleId :
F9A93

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.5	5.3#
164	9.3	8.2	12.4

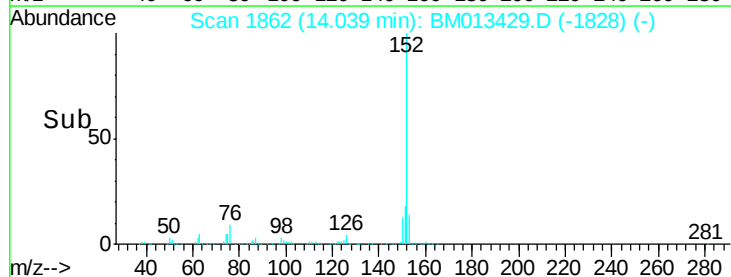
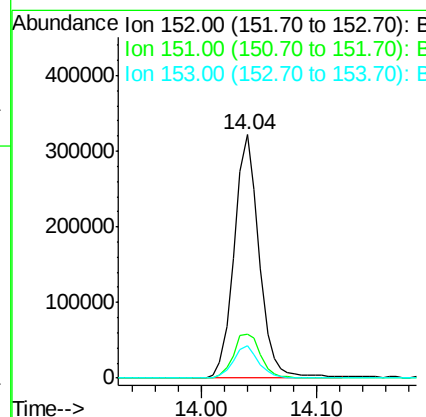
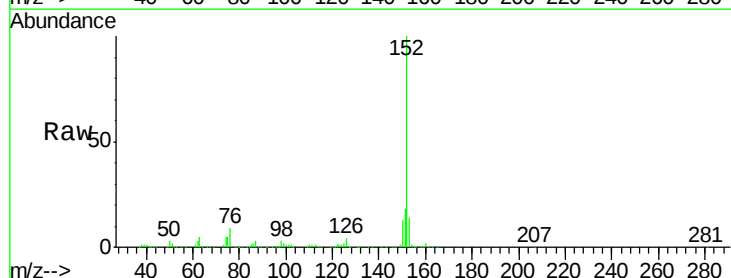
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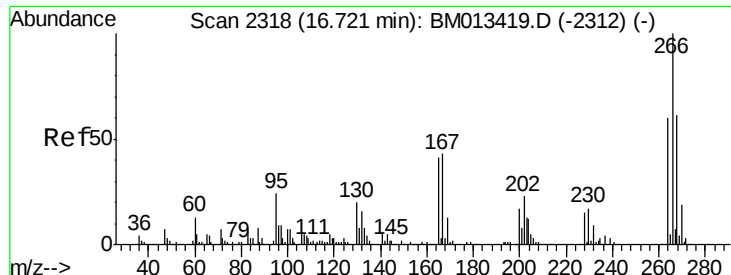
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#47
Acenaphthylene
Concen: 7.596 ng/ul
RT: 14.04 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BM013429.D
Acq: 15 Dec 2017 07:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.3	16.3	24.5
153	13.5	10.2	15.4





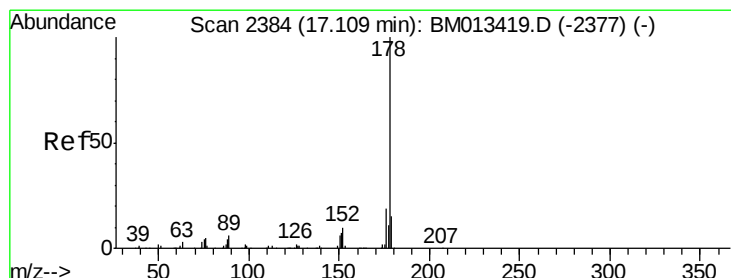
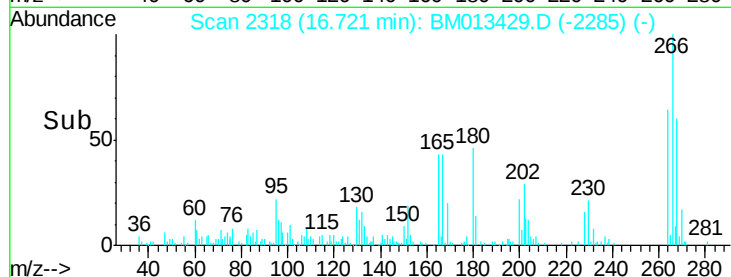
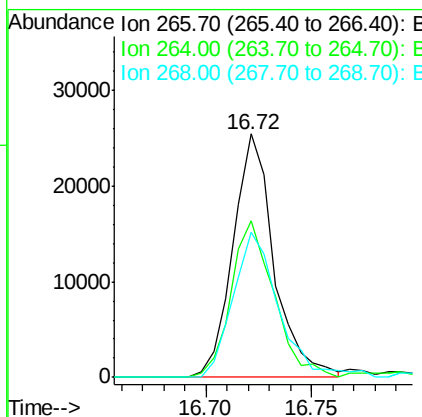
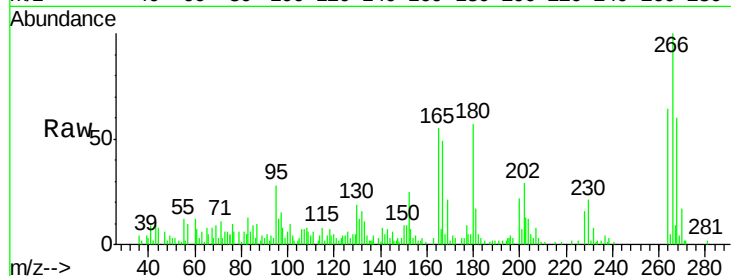
#68
 Pentachlorophenol
 Concen: 3.380 ng/ul
 RT: 16.72 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BM013429.D
 Acq: 15 Dec 2017 07:47

Instrument :
 BNA_M
 ClientSampleId :
 F9A93

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	34368		
264	64.1	49.3	73.9	
268	59.5	52.6	78.8	

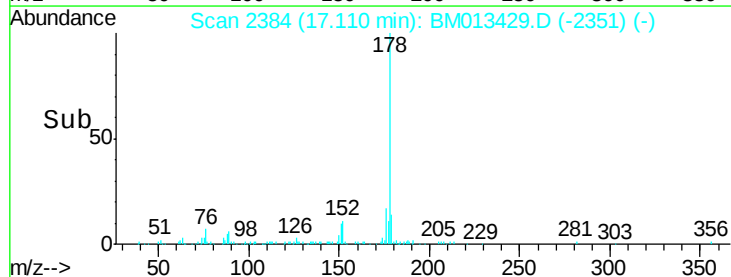
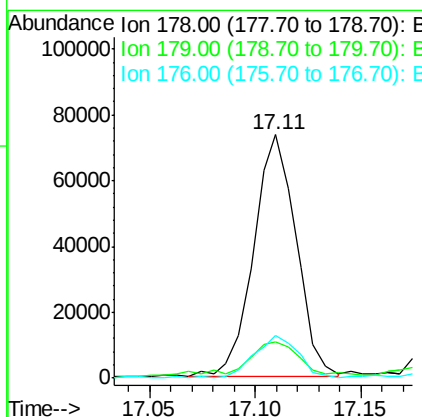
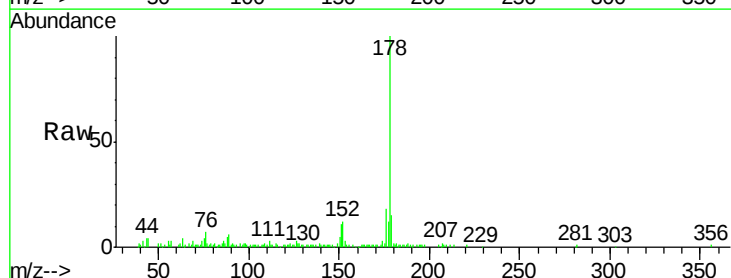
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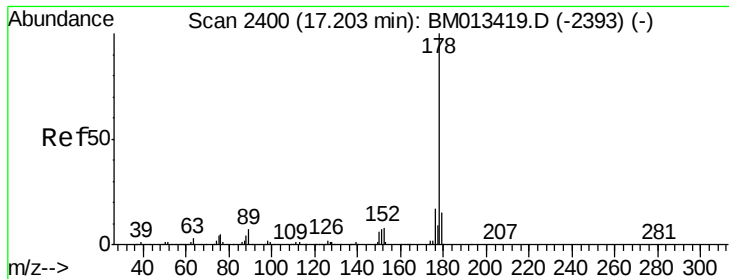
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#69
 Phenanthrene
 Concen: 1.328 ng/ul
 RT: 17.11 min Scan# 2384
 Delta R.T. -0.01 min
 Lab File: BM013429.D
 Acq: 15 Dec 2017 07:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	102330		
179	15.1	12.6	19.0	
176	17.6	14.9	22.3	





#71

Anthracene

Concen: 4.629 ng/ul

RT: 17.20 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BM013429.D

Acq: 15 Dec 2017 07:47

Instrument :

BNA_M

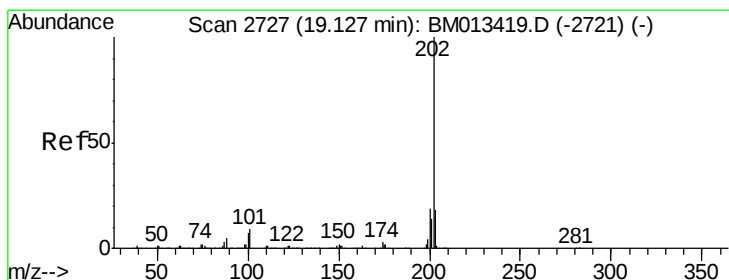
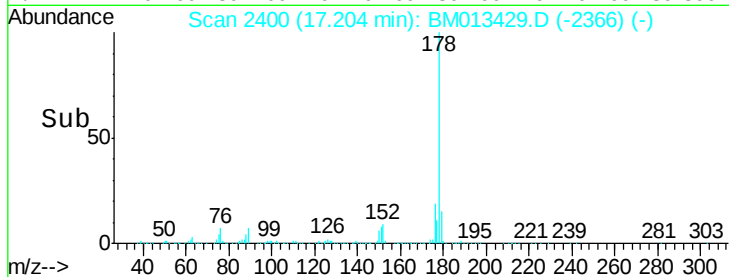
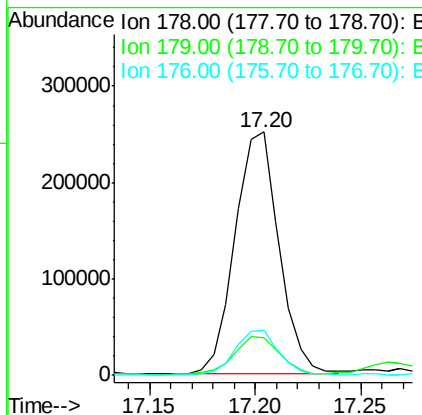
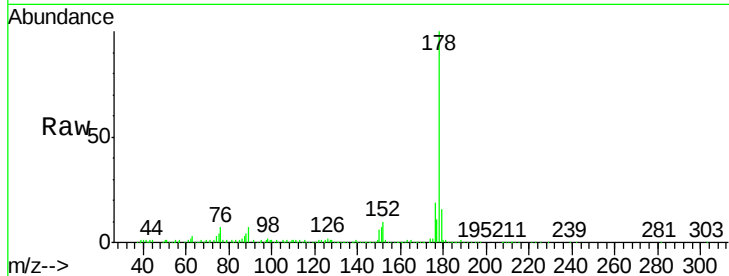
ClientSampleId :

F9A93

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.7	17.5
176	18.6	14.6	21.8

Manual Integrations
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#74

Fluoranthene

Concen: 13.123 ng/ul

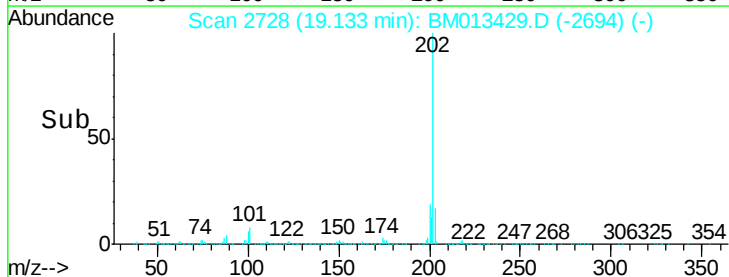
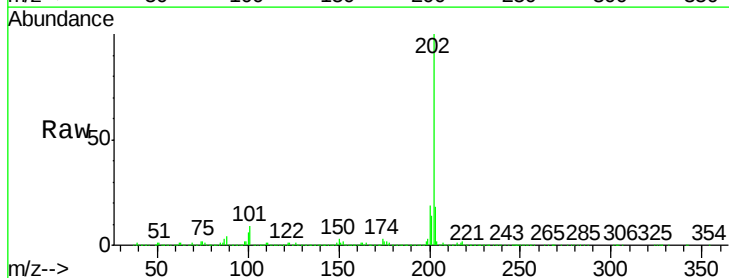
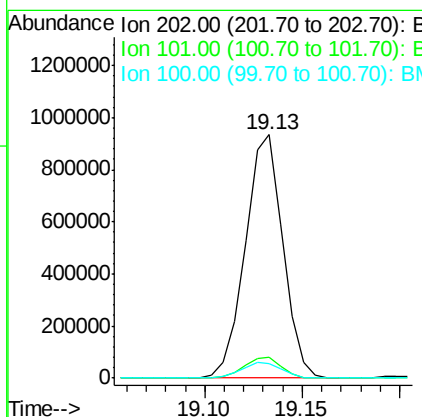
RT: 19.13 min Scan# 2728

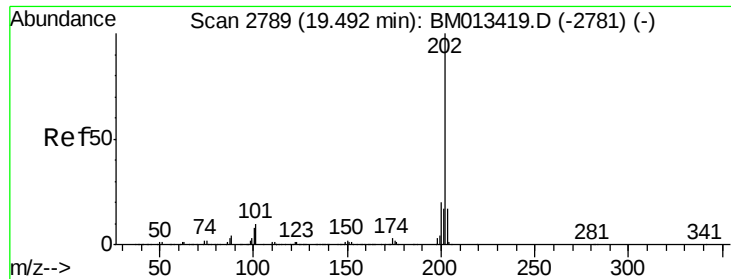
Delta R.T. 0.00 min

Lab File: BM013429.D

Acq: 15 Dec 2017 07:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	4.6	7.0#
100	6.2	3.4	5.2#





#77

Pyrene

Concen: 23.595 ng/ul

RT: 19.50 min Scan# 2790

Delta R.T. 0.00 min

Lab File: BM013429.D

Acq: 15 Dec 2017 07:47

Instrument :

BNA_M

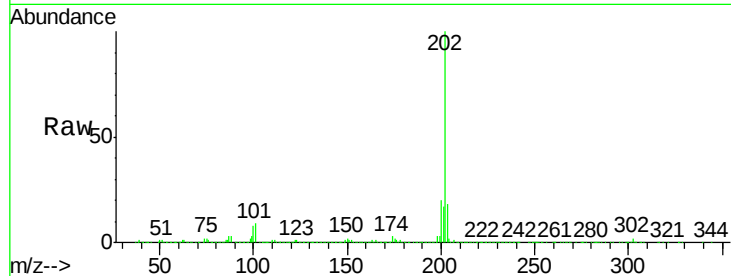
ClientSampled :

F9A93

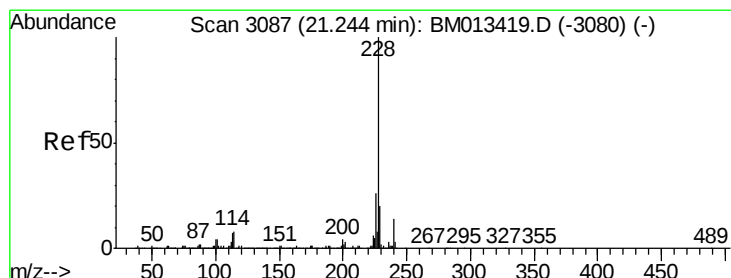
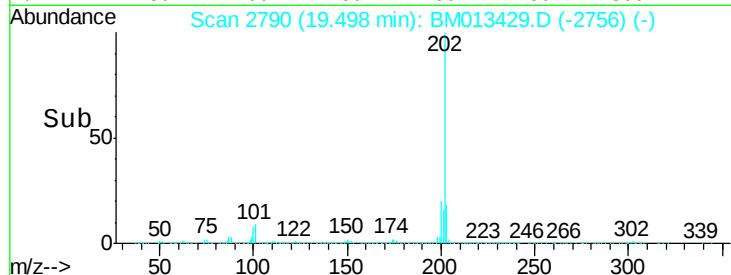
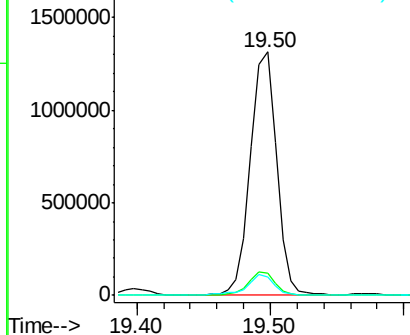
Tgt	Ion	202	Resp	1776267
Ion	Ratio	Lower	Upper	
202	100			
101	9.3	5.1	7.7#	
100	7.6	4.9	7.3#	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 11.384 ng/ul

RT: 21.24 min Scan# 3087

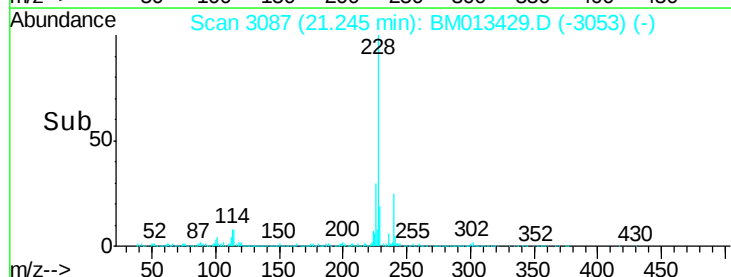
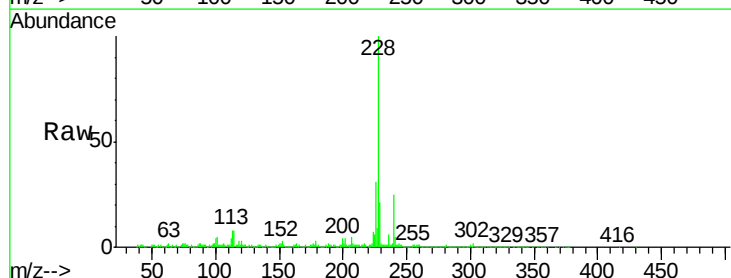
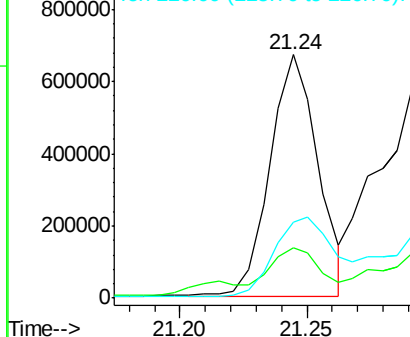
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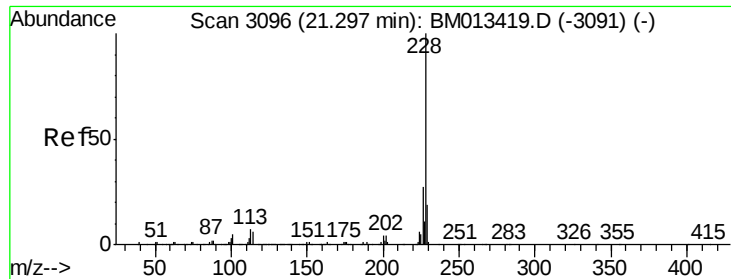
Lab File: BM013429.D

Acq: 15 Dec 2017 07:47

Tgt	Ion	228	Resp	895037
Ion	Ratio	Lower	Upper	
228	100			
229	20.9	15.4	23.0	
226	31.0	21.4	32.0	

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 15.550 ng/ul

RT: 21.30 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM013429.D

Acq: 15 Dec 2017 07:47

Instrument :

BNA_M

ClientSampleId :

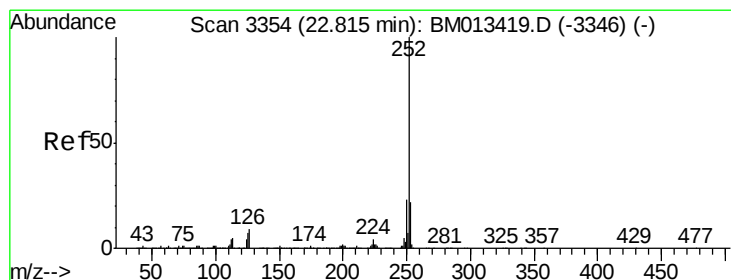
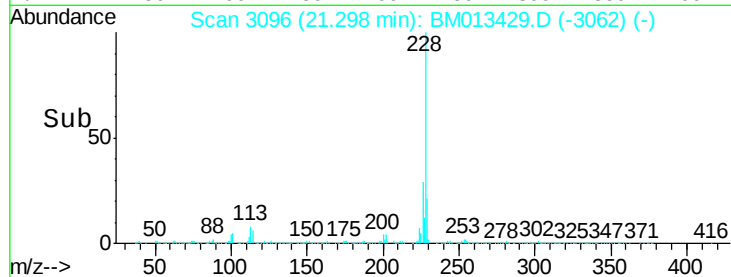
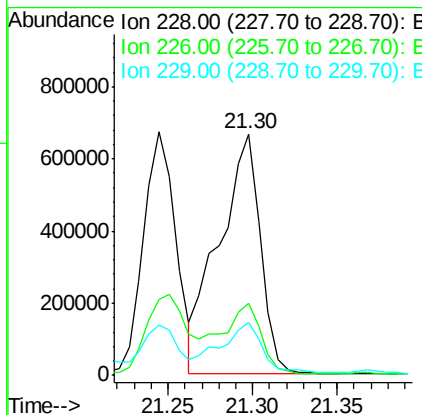
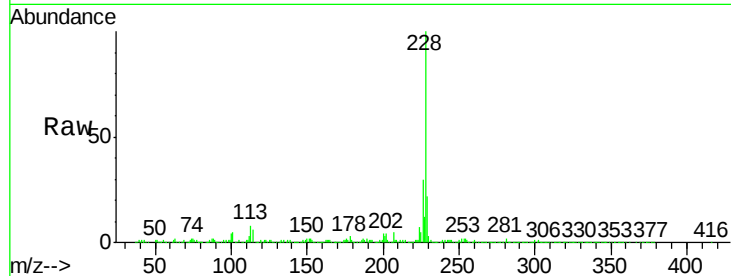
F9A93

Tgt Ion:228 Resp: 1134203

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	21.8	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 33.042 ng/ul

RT: 22.82 min Scan# 3355

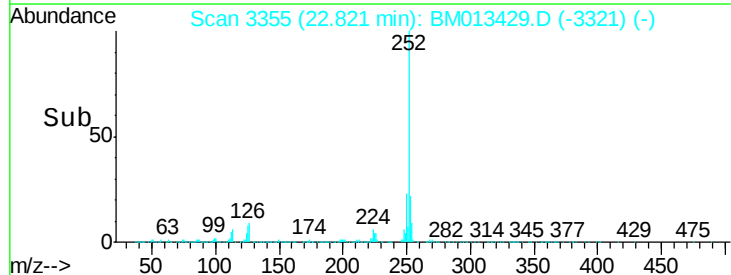
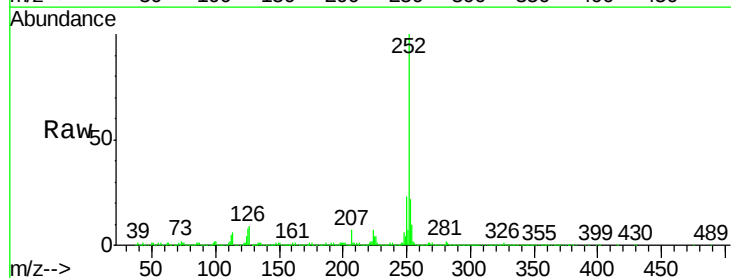
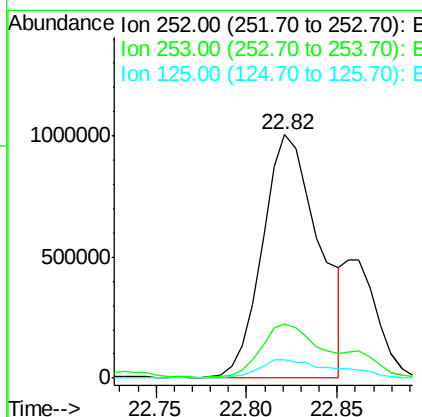
Delta R.T. 0.00 min

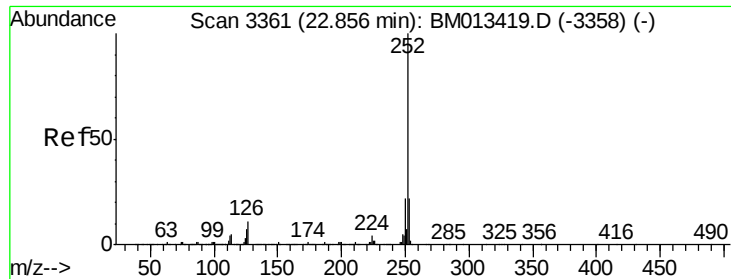
Lab File: BM013429.D

Acq: 15 Dec 2017 07:47

Tgt Ion:252 Resp: 2169041

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	7.6	3.6	5.4





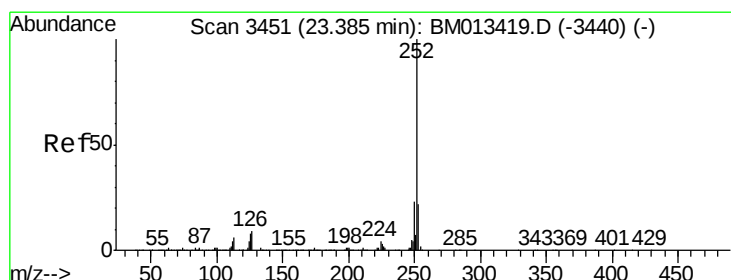
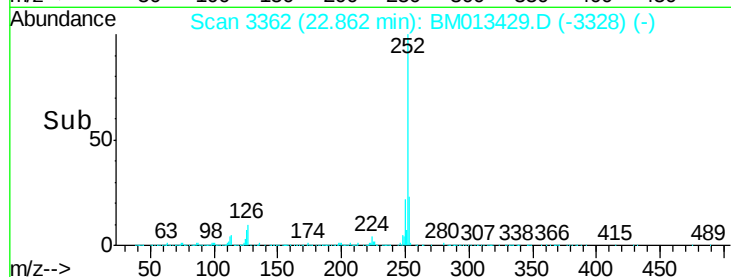
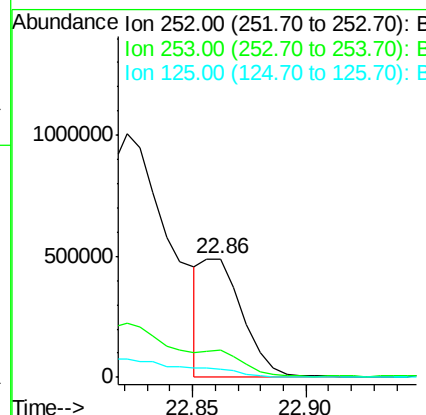
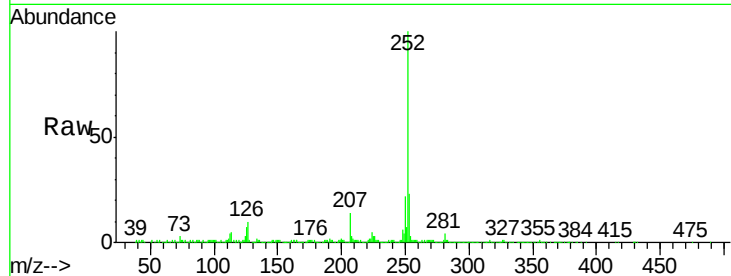
#86
Benzo(k)fluoranthene
Concen: 9.726 ng/ul m
RT: 22.86 min Scan# 3362
Delta R.T. 0.00 min
Lab File: BM013429.D
Acq: 15 Dec 2017 07:47

Instrument :
BNA_M
ClientSampleId :
F9A93

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	7.0	3.4	5.2

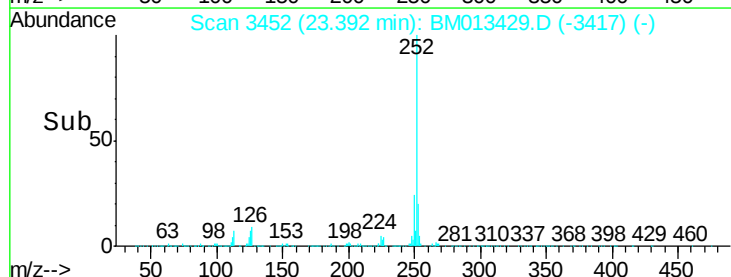
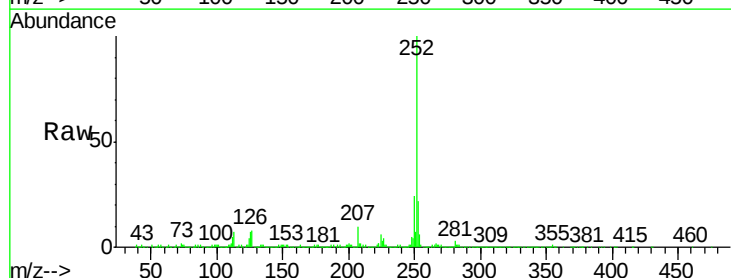
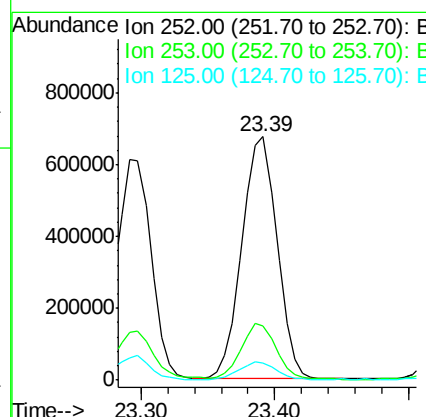
Manual Integrations
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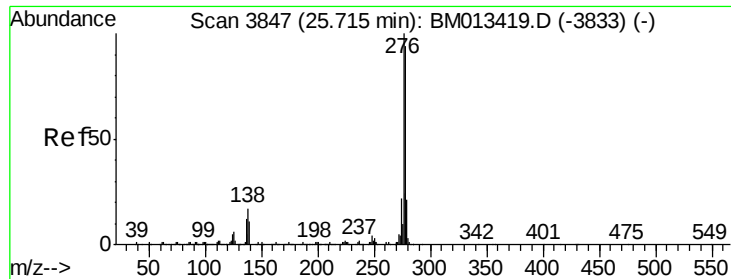
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#88
Benzo(a)pyrene
Concen: 20.912 ng/ul
RT: 23.39 min Scan# 3452
Delta R.T. 0.01 min
Lab File: BM013429.D
Acq: 15 Dec 2017 07:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	7.1	4.0	6.0





#89

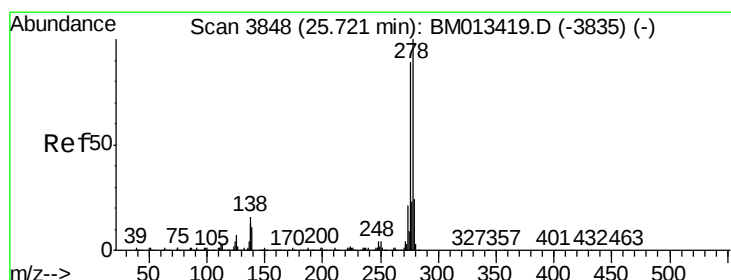
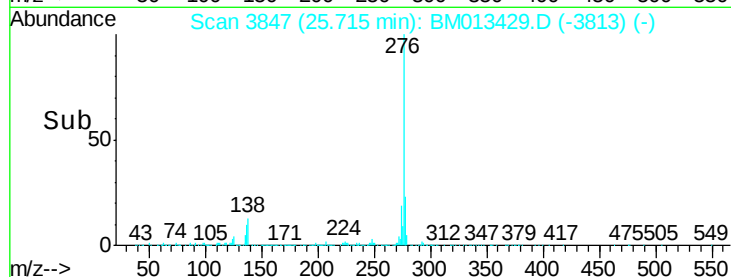
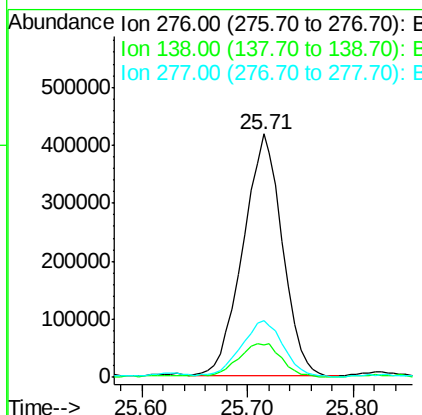
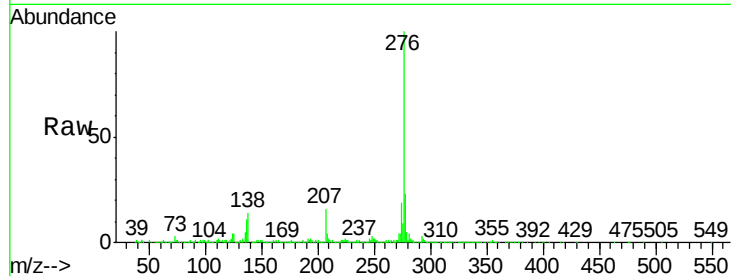
Indeno(1,2,3-cd)pyrene
Concen: 18.391 ng/ul
RT: 25.71 min Scan# 3847
Delta R.T. 0.00 min
Lab File: BM013429.D
Acq: 15 Dec 2017 07:47

Instrument :
BNA_M
ClientSampleId :
F9A93

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.5	9.3	13.9
277	23.3	19.9	29.9

Manual Integrations
APPROVED

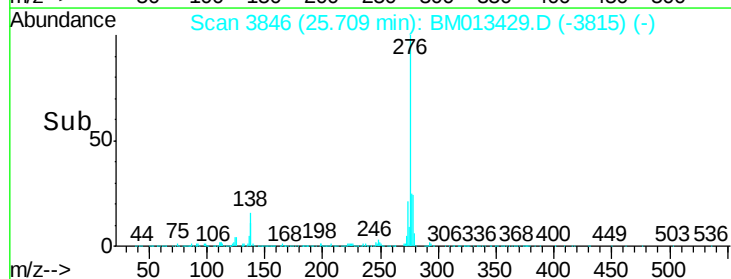
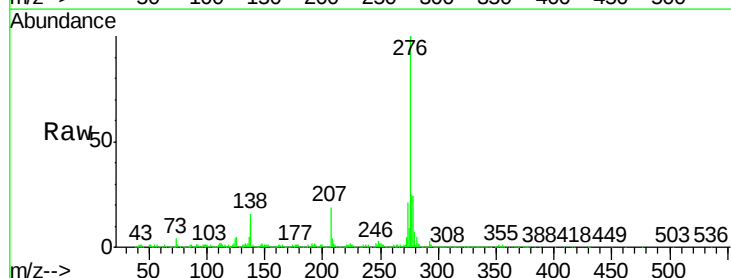
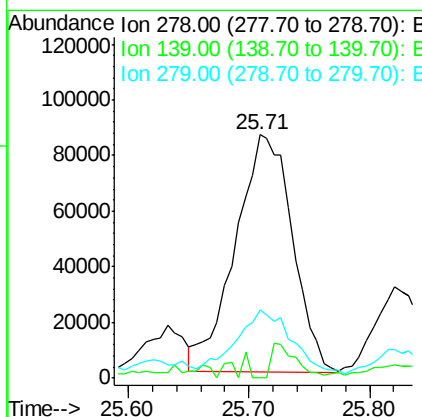
Sohil
12/15/2017 6:49:17 PM

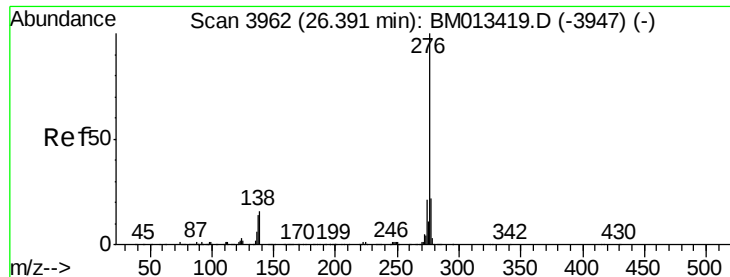


#90

Dibenzo(a,h)anthracene
Concen: 5.623 ng/ul
RT: 25.71 min Scan# 3846
Delta R.T. -0.02 min
Lab File: BM013429.D
Acq: 15 Dec 2017 07:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	28.0	18.6	27.8#





#91

Benzo(g,h,i)perylene

Concen: 21.449 ng/ul

RT: 26.40 min Scan# 3964

Delta R.T. 0.01 min

Lab File: BM013429.D

Acq: 15 Dec 2017 07:47

Instrument :

BNA_M

ClientSampleId :

F9A93

Tgt Ion: 276 Resp: 989927

Ion Ratio Lower Upper

276 100

138 14.5 8.5 12.7#

277 24.2 18.6 28.0

Manual Integrations
APPROVED

Sohil
12/15/2017 6:49:17 PM

