

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120817\
 Data File : BM013294.D
 Acq On : 09 Dec 2017 06:32
 Operator : SJ/JU
 Sample : I6758-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B07

Manual Integrations
 APPROVED

Sohil
 12/11/2017 6:16:24 PM

Quant Time: Dec 11 02:03:40 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 23:45:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	233887	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1008004	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	616416	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1431248	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1580758	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1366876	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	11165	2.36	ng/uL	0.00
5) Phenol-d5	6.87	99	350145	17.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	237360	20.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	307375	19.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	306015	17.70	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	177912	22.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	178010	20.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	329505	18.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	150842	9.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	899698	16.40	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1472259	21.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	63983	6.71	ng/ul	0.00
57) Fluorene-d10	15.33	176	1024432	21.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	67533	7.50	ng/ul	0.00
70) Anthracene-d10	17.18	188	1565797	21.84	ng/ul	0.00
76) Pyrene-d10	19.48	212	1716281	21.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1420693	20.41	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.90	94	29983	1.499	ng/ul#	77
44) Dimethylphthalate	13.79	163	88079	1.679	ng/ul	96
47) Acenaphthylene	14.05	152	242492	3.871	ng/ul	97
71) Anthracene	17.22	178	212432	2.556	ng/ul	99
74) Fluoranthene	19.14	202	1286175	12.907	ng/ul#	94
77) Pyrene	19.51	202	1751460	18.238	ng/ul#	92
80) Benzo(a)anthracene	21.26	228	723512	7.214	ng/ul	94
82) Chrysene	21.30	228	1077553m	11.581	ng/ul	
85) Benzo(b)fluoranthene	22.83	252	2050925	22.258	ng/ul#	98
86) Benzo(k)fluoranthene	22.87	252	579760m	6.686	ng/ul	
88) Benzo(a)pyrene	23.40	252	967616	11.690	ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	25.73	276	740221	9.013	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.74	278	210228m	3.006	ng/ul	
91) Benzo(g,h,i)perylene	26.42	276	580289	8.958	ng/ul#	95

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

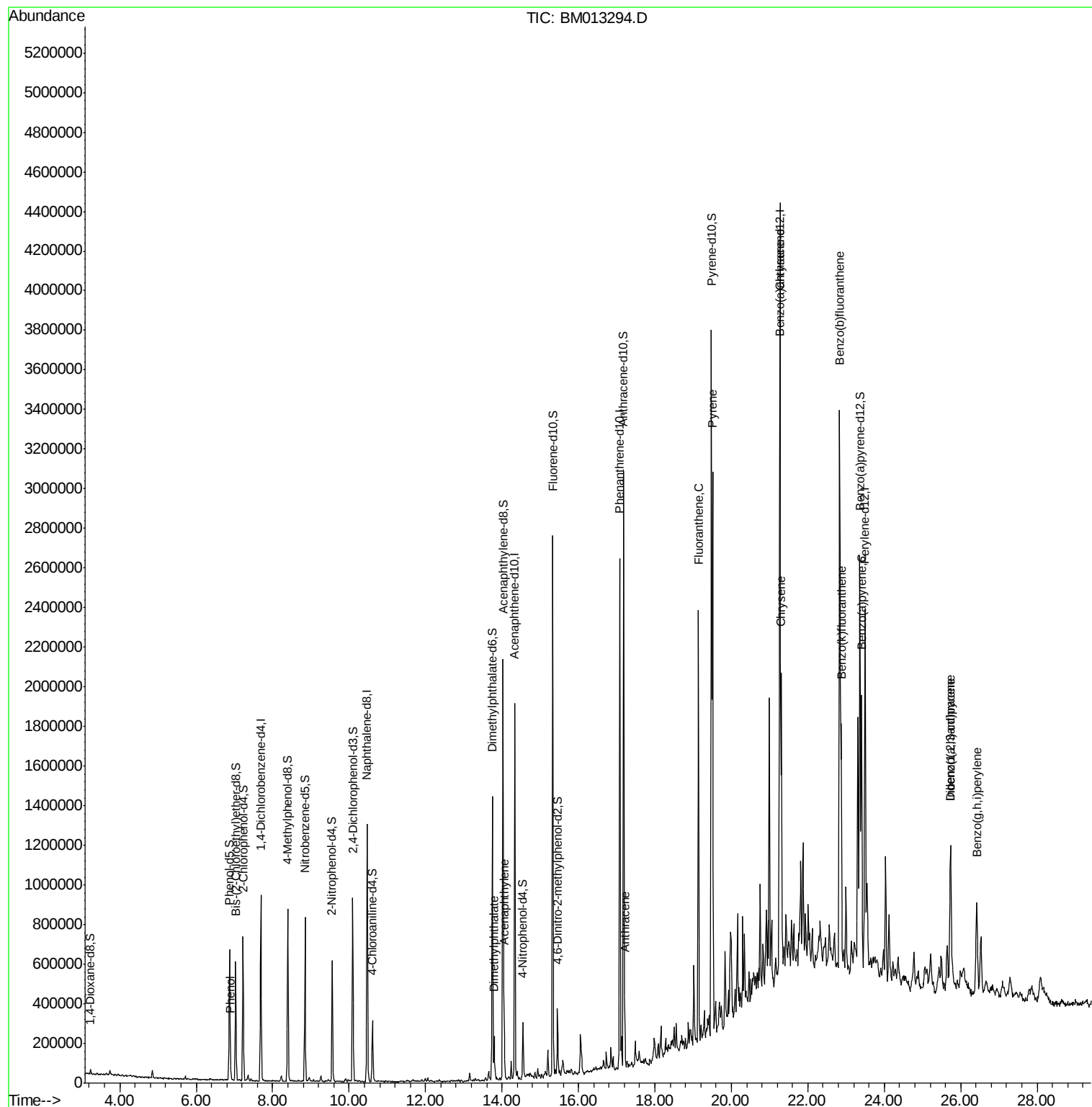
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120817\
Data File : BM013294.D
Acq On : 09 Dec 2017 06:32
Operator : SJ/JU
Sample : I6758-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

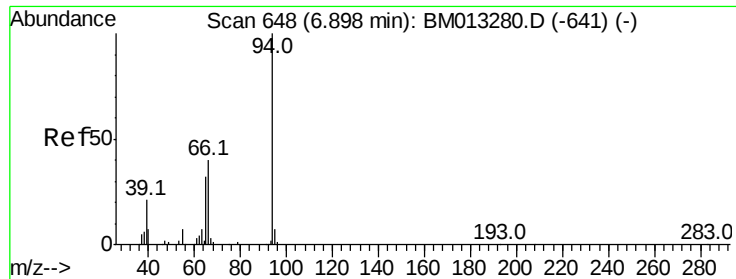
Instrument :
BNA_M
ClientSampleId :
F9B07

Manual Integrations
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12/11/2017 6:16:24 PM

Quant Time: Dec 11 02:03:40 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 08 23:45:50 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.499 ng/ul

RT: 6.90 min Scan# 648

Delta R.T. 0.00 min

Lab File: BM013294.D

Acq: 09 Dec 2017 06:32

Instrument :

BNA_M

ClientSampled :

F9B07

Tot Ion: 94 Resp: 29983

Ion Ratio Lower Upper

94 100

65 23.6 28.2 42.4#

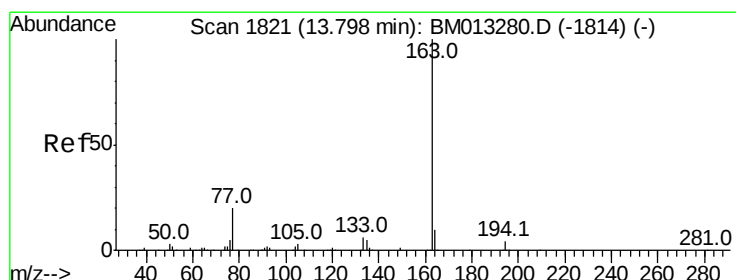
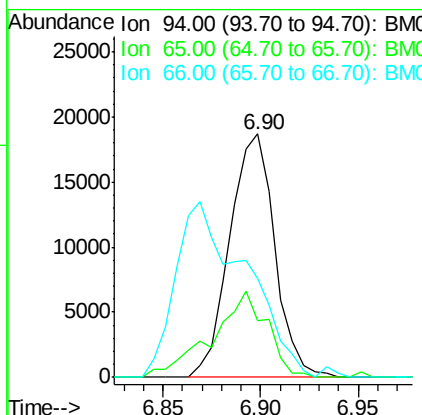
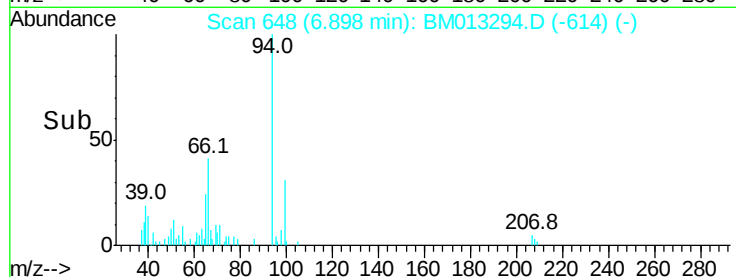
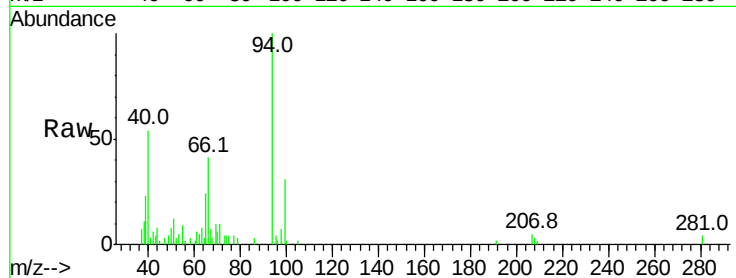
66 40.6 47.2 70.8#

Manual Integrations

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#44

Dimethylphthalate

Concen: 1.679 ng/ul

RT: 13.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BM013294.D

Acq: 09 Dec 2017 06:32

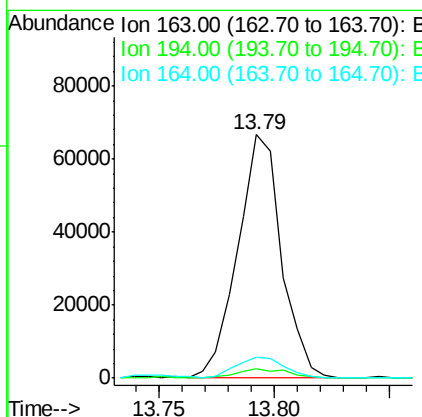
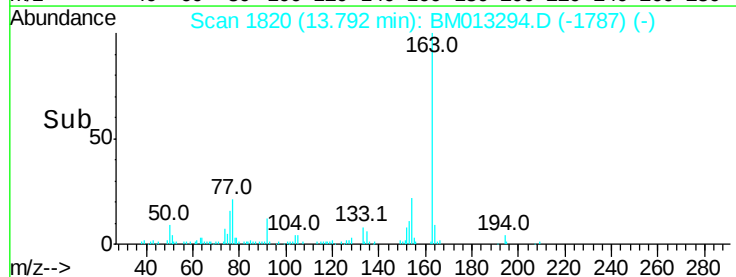
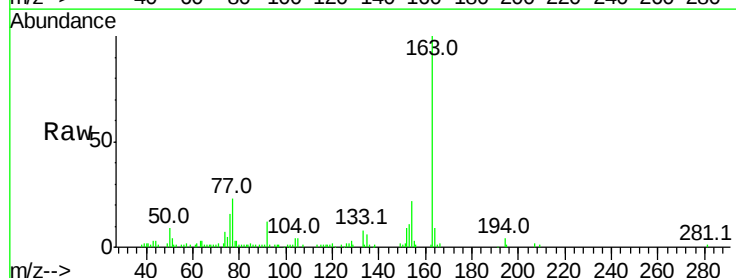
Tgt Ion: 163 Resp: 88079

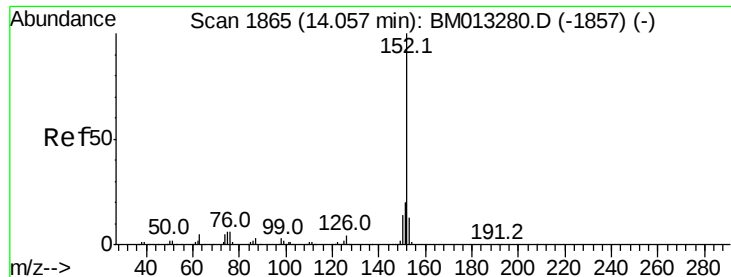
Ion Ratio Lower Upper

163 100

194 3.7 3.5 5.3

164 8.6 8.2 12.4





#47

Acenaphthylene

Concen: 3.871 ng/ul

RT: 14.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BM013294.D

Acq: 09 Dec 2017 06:32

Instrument :

BNA_M

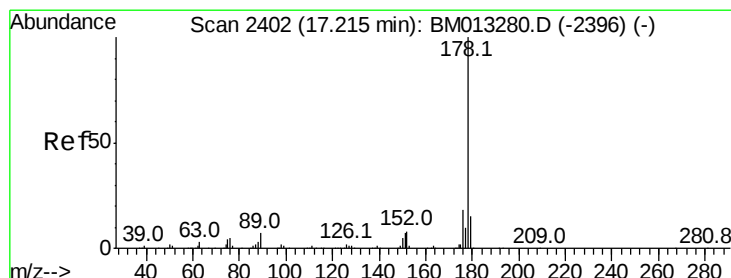
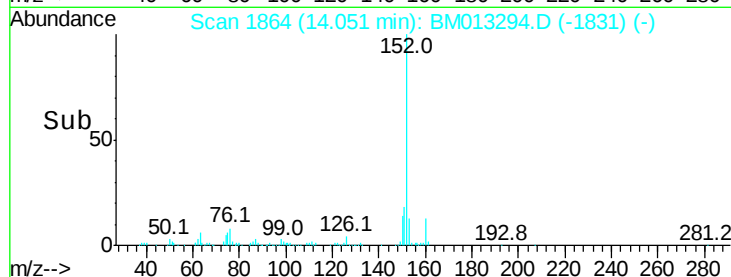
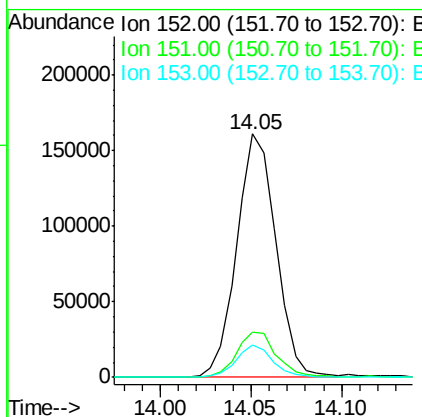
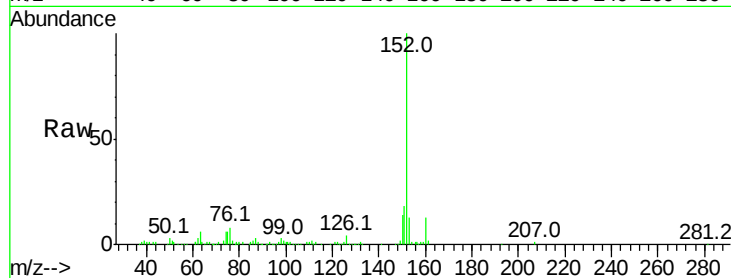
ClientSampleId :

F9B07

Tot Ion:	152	Resp:	242492
Ion Ratio	Lower	Upper	
152	100		
151	18.4	16.3	24.5
153	13.3	10.2	15.4

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#71

Anthracene

Concen: 2.556 ng/ul

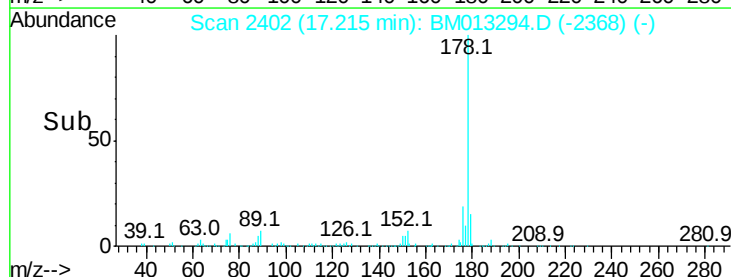
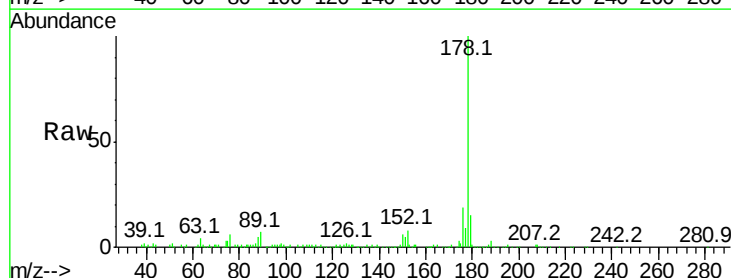
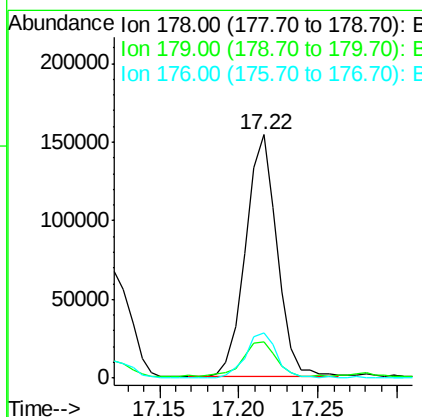
RT: 17.22 min Scan# 2402

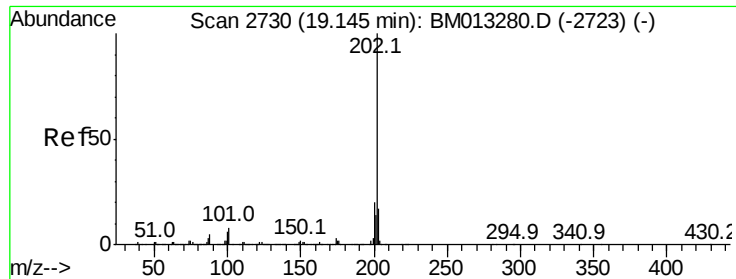
Delta R.T. 0.00 min

Lab File: BM013294.D

Acq: 09 Dec 2017 06:32

Tgt Ion:	178	Resp:	212432
Ion Ratio	Lower	Upper	
178	100		
179	15.0	11.7	17.5
176	18.6	14.6	21.8





#74

Fluoranthene

Concen: 12.907 ng/ul

RT: 19.14 min Scan# 2730

Delta R.T. 0.00 min

Lab File: BM013294.D

Acq: 09 Dec 2017 06:32

Instrument :

BNA_M

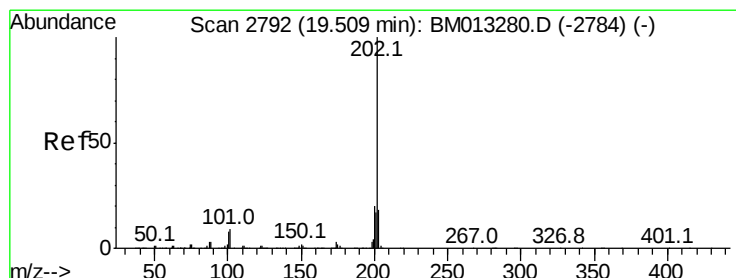
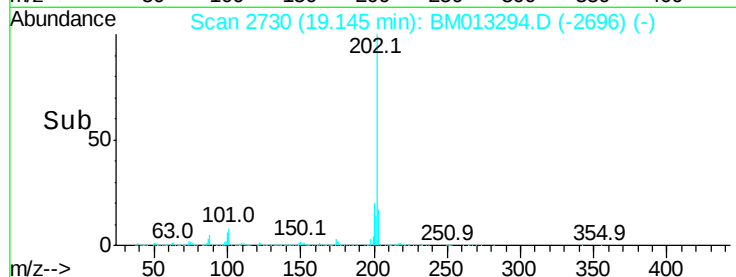
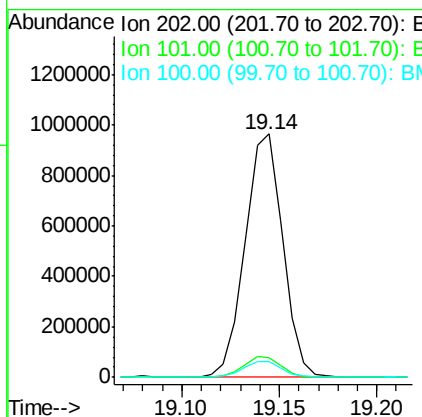
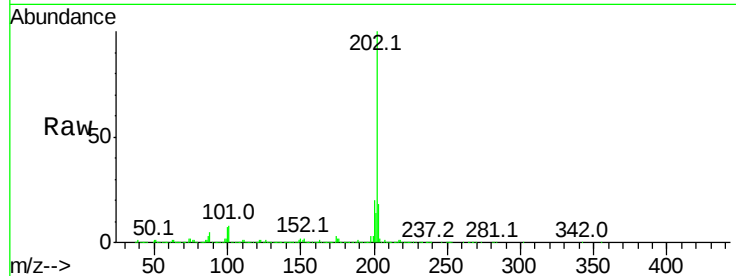
ClientSampleId :

F9B07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1286175		
101	7.9	4.6	7.0#		
100	6.5	3.4	5.2#		

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#77

Pyrene

Concen: 18.238 ng/ul

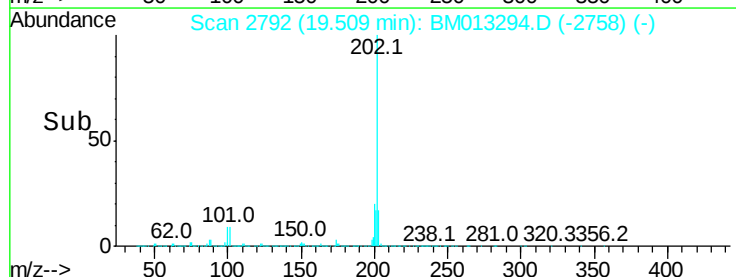
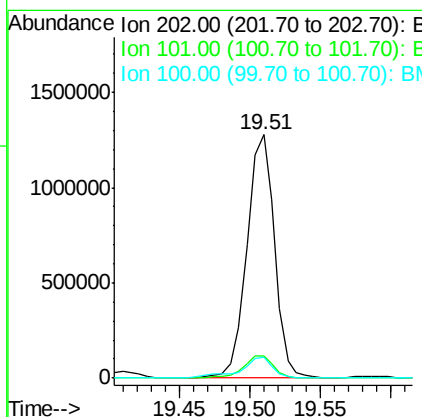
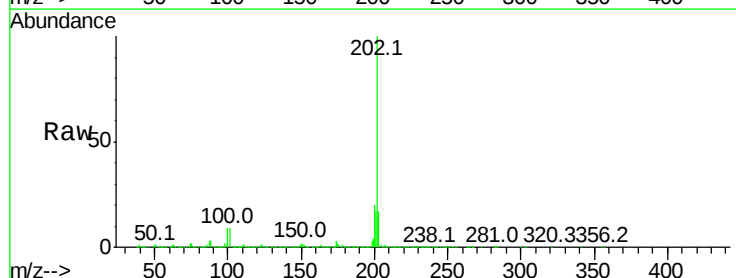
RT: 19.51 min Scan# 2792

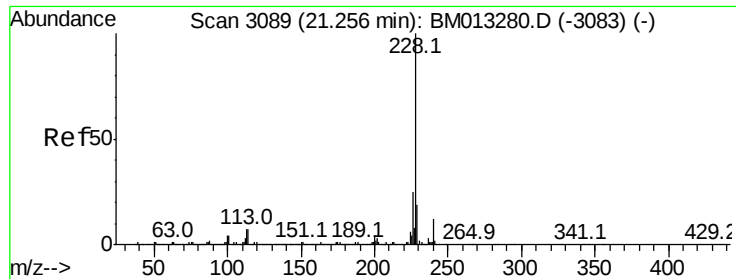
Delta R.T. 0.00 min

Lab File: BM013294.D

Acq: 09 Dec 2017 06:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1751460		
101	9.1	5.1	7.7#		
100	8.6	4.9	7.3#		





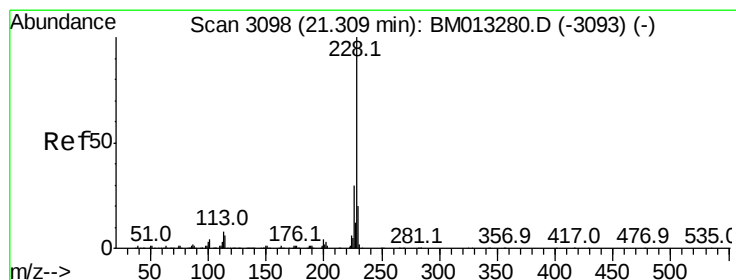
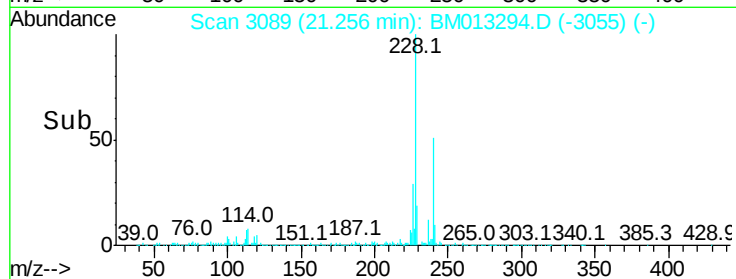
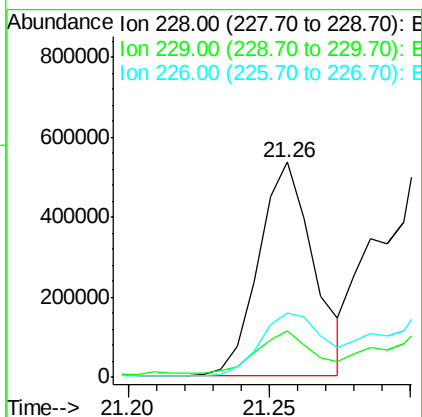
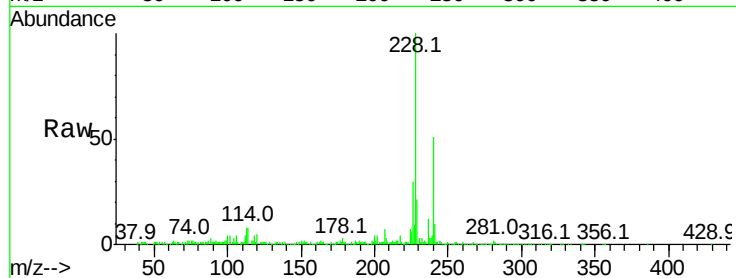
#80
Benzo(a)anthracene
Concen: 7.214 ng/ul
RT: 21.26 min Scan# 3089
Delta R.T. 0.00 min
Lab File: BM013294.D
Acq: 09 Dec 2017 06:32

Instrument :
BNA_M
ClientSampleId :
F9B07

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.4	23.0
226	30.1	21.4	32.0

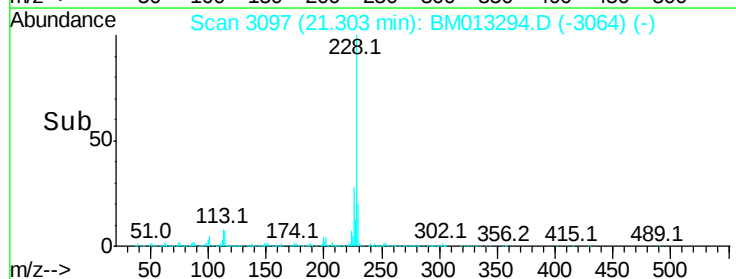
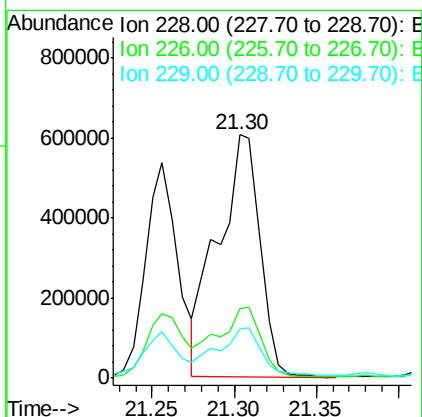
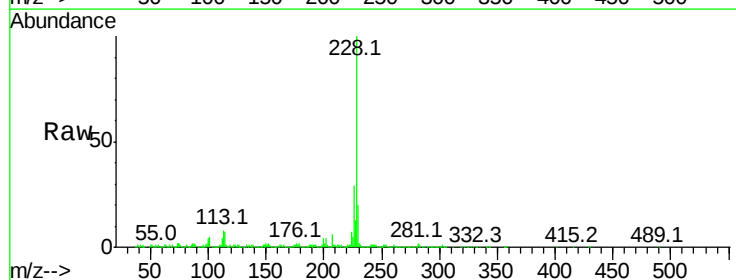
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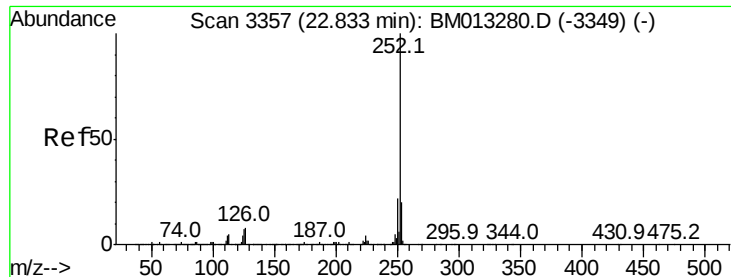
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#82
Chrysene
Concen: 11.581 ng/ul m
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM013294.D
Acq: 09 Dec 2017 06:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.2
229	20.4	15.5	23.3





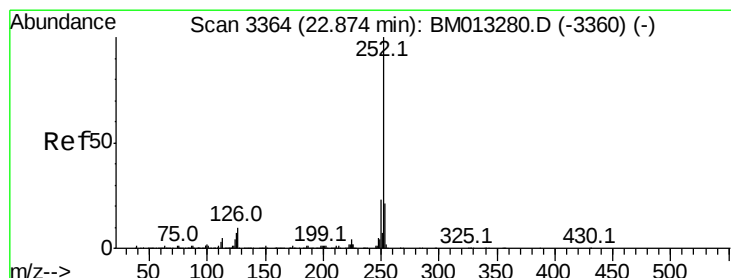
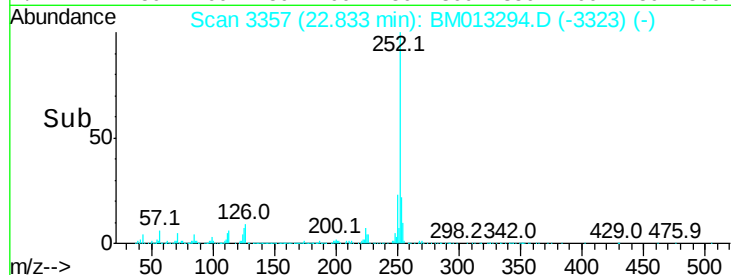
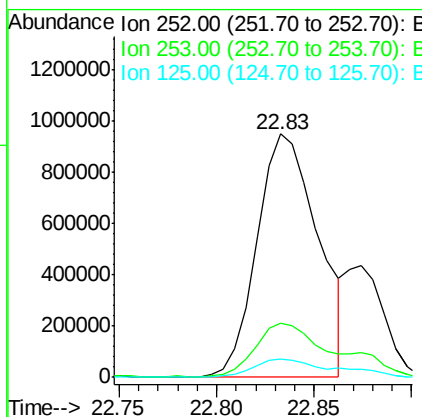
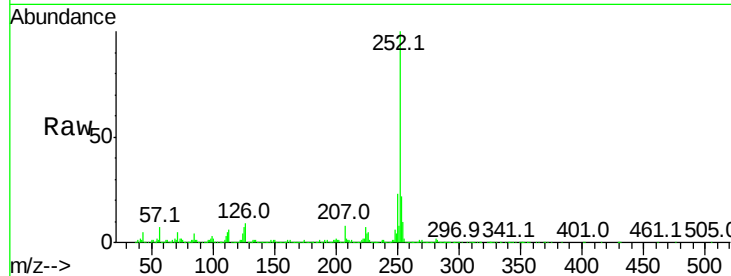
#85
Benzo(b)fluoranthene
Concen: 22.258 ng/uL
RT: 22.83 min Scan# 3357
Delta R.T. 0.00 min
Lab File: BM013294.D
Acq: 09 Dec 2017 06:32

Instrument :
BNA_M
ClientSampleId :
F9B07

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	7.5	3.6	5.4

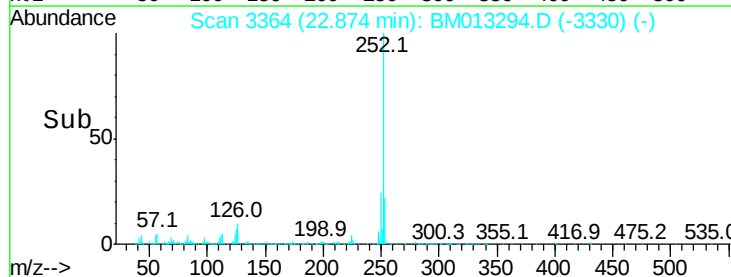
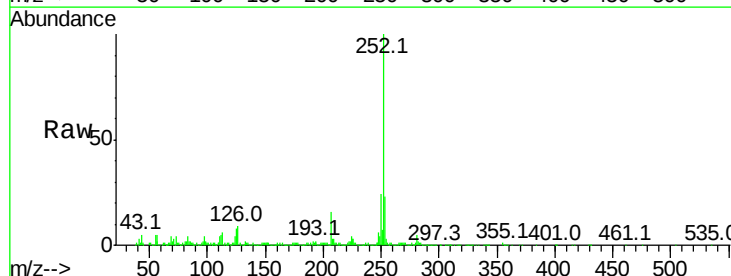
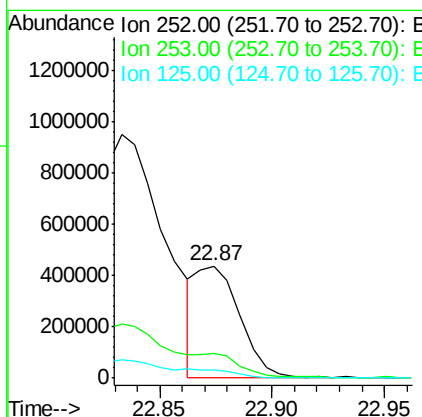
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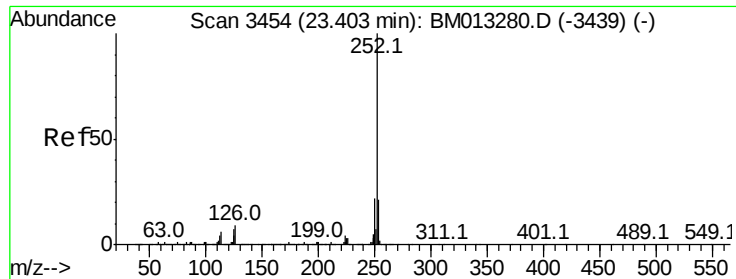
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#86
Benzo(k)fluoranthene
Concen: 6.686 ng/uL m
RT: 22.87 min Scan# 3364
Delta R.T. 0.00 min
Lab File: BM013294.D
Acq: 09 Dec 2017 06:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	7.7	3.4	5.2





#88

Benzo(a)pyrene

Concen: 11.690 ng/ul

RT: 23.40 min Scan# 3454

Delta R.T. 0.00 min

Lab File: BM013294.D

Acq: 09 Dec 2017 06:32

Instrument :

BNA_M

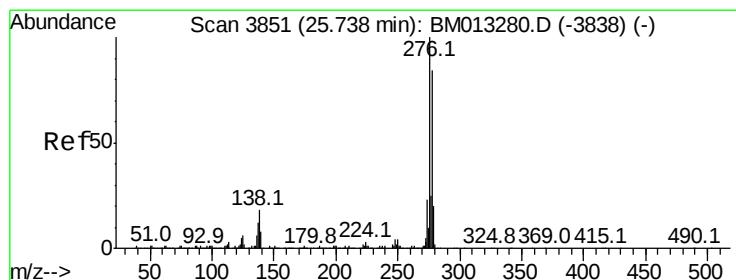
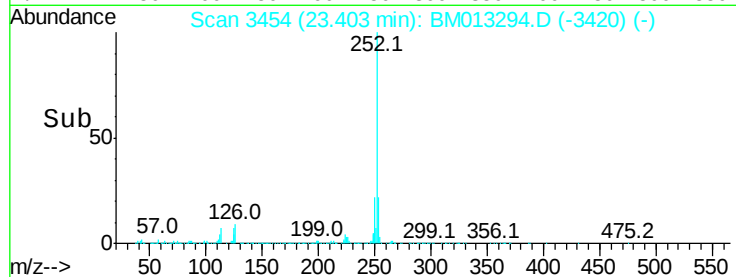
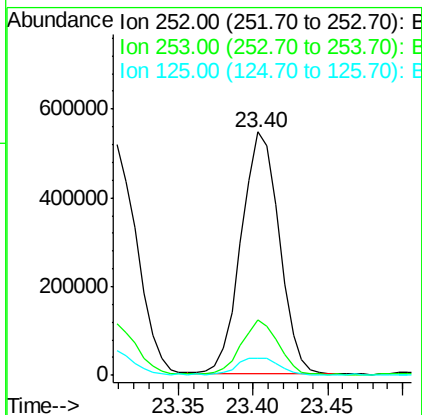
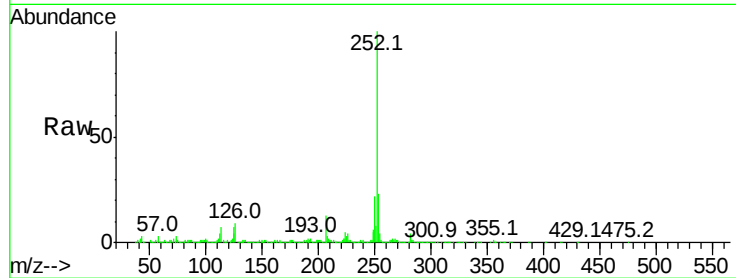
ClientSampleId :

F9B07

Tot Ion:	252	Resp:	967616
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.2	27.2
125	7.2	4.0	6.0#

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 9.013 ng/ul

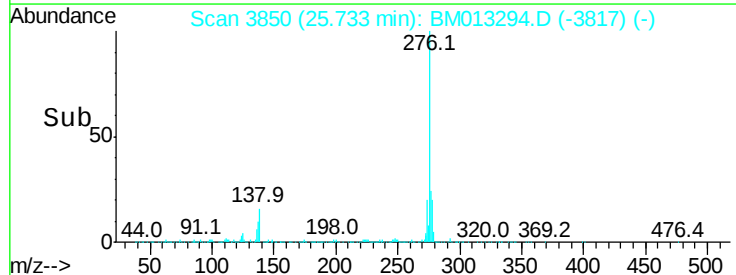
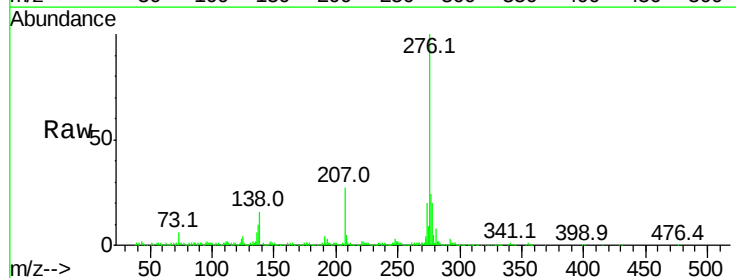
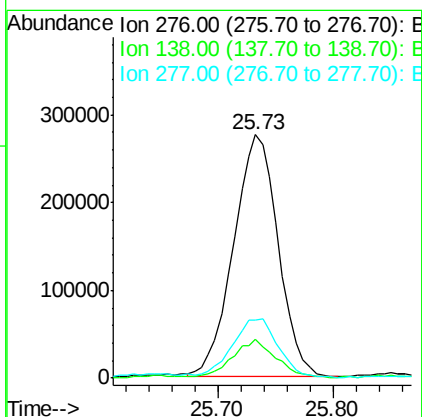
RT: 25.73 min Scan# 3850

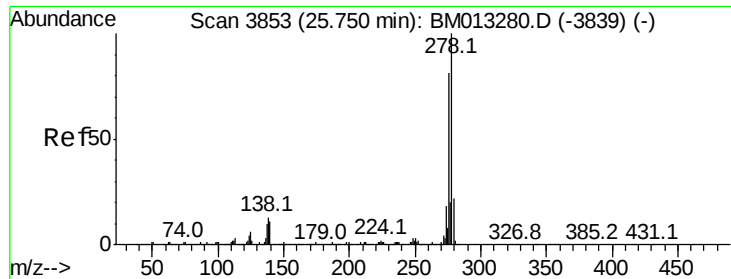
Delta R.T. -0.01 min

Lab File: BM013294.D

Acq: 09 Dec 2017 06:32

Tgt Ion:	276	Resp:	740221
Ion Ratio	Lower	Upper	
276	100		
138	15.7	9.3	13.9#
277	24.0	19.9	29.9





#90

Dibenzo(a,h)anthracene

Concen: 3.006 ng/ul m

RT: 25.74 min Scan# 3851

Delta R.T. -0.01 min

Lab File: BM013294.D

Acq: 09 Dec 2017 06:32

Instrument :

BNA_M

ClientSampleId :

F9B07

Tot Ion:278 Resp: 210228
Ion Ratio Lower Upper

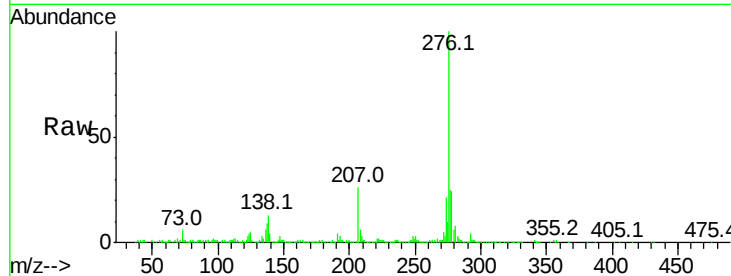
278 100

139 15.3 5.8 8.8#

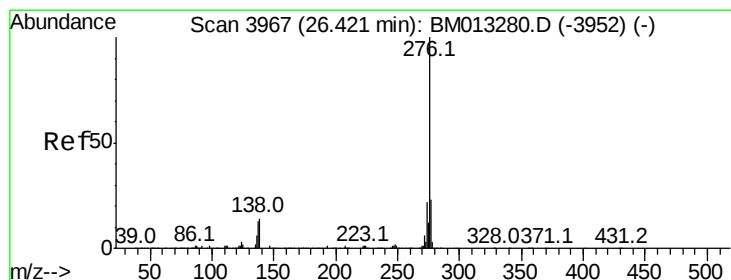
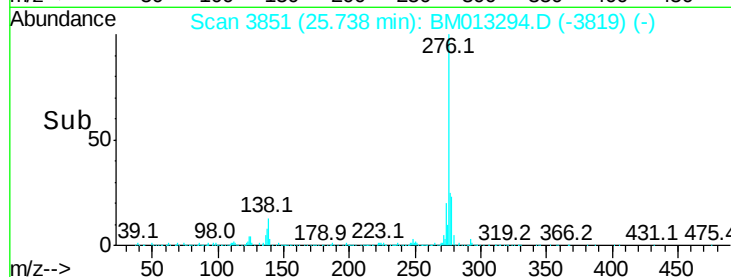
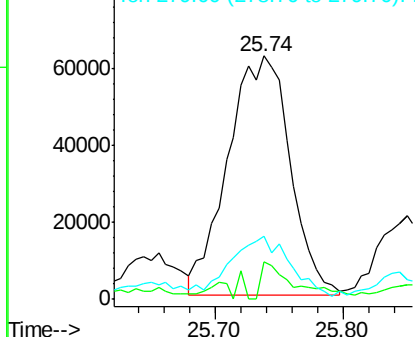
279 25.7 18.6 27.8

Manual Integrations
APPROVED

Sohil
12/11/2017 6:16:24 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 8.958 ng/ul

RT: 26.42 min Scan# 3967

Delta R.T. 0.00 min

Lab File: BM013294.D

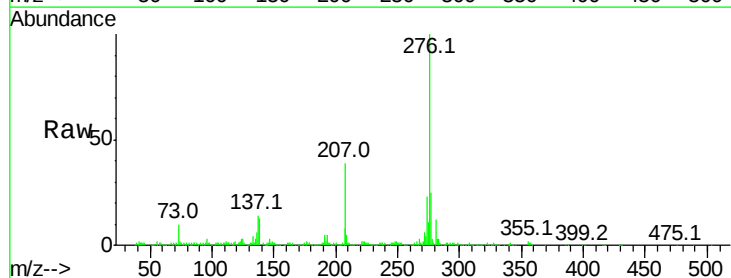
Acq: 09 Dec 2017 06:32

Tgt Ion:276 Resp: 580289
Ion Ratio Lower Upper

276 100

138 13.5 8.5 12.7#

277 25.2 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

