

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110218\
 Data File : BM017503.D
 Acq On : 02 Nov 2018 23:02
 Operator : MJ/SJ
 Sample : J5704-24
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 A40K3

Manual Integrations
 APPROVED

Sohil
 11/5/2018 4:06:06 PM

Quant Time: Nov 03 03:25:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 03 03:58:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	170097	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	666785	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	313995	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	595978	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	445080	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	335648	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	15885	4.30	ng/uL	0.00
5) Phenol-d5	6.81	99	312684	20.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	199014	21.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	261324	21.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	223099	18.16	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	118497	22.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	121707	20.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	220853m	20.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	227491	25.67	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	581808	21.61	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	757152	23.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	60700m	12.07	ng/ul	0.02
58) Fluorene-d10	15.27	176	509868	21.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	60190	14.49	ng/ul	0.00
71) Anthracene-d10	17.13	188	687683	23.31	ng/ul	0.00
79) Pyrene-d10	19.43	212	673146	32.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	444435	25.07	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.84	94	75845	4.916	ng/ul 98
45) Dimethylphthalate	13.74	163	120933	4.636	ng/ul 99
70) Phenanthrene	17.07	178	404022	11.806	ng/ul 99
72) Anthracene	17.16	178	56822m	1.635	ng/ul
77) Fluoranthene	19.09	202	512177	13.056	ng/ul 99
80) Pyrene	19.46	202	431841	16.708	ng/ul 98
83) Benzo(a)anthracene	21.21	228	175003	6.425	ng/ul 99
84) Bis(2-ethylhexyl)phthalate	21.15	149	47269	3.135	ng/ul 97
85) Chrysene	21.26	228	207728	8.021	ng/ul 95
88) Benzo(b)fluoranthene	22.77	252	168147	8.558	ng/ul# 97
89) Benzo(k)fluoranthene	22.81	252	56632m	2.951	ng/ul
91) Benzo(a)pyrene	23.32	252	98472	5.130	ng/ul 93
92) Indeno(1,2,3-cd)pyrene	25.61	276	50622	2.168	ng/ul# 94
94) Benzo(g,h,i)perylene	26.29	276	40968	2.065	ng/ul# 92

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

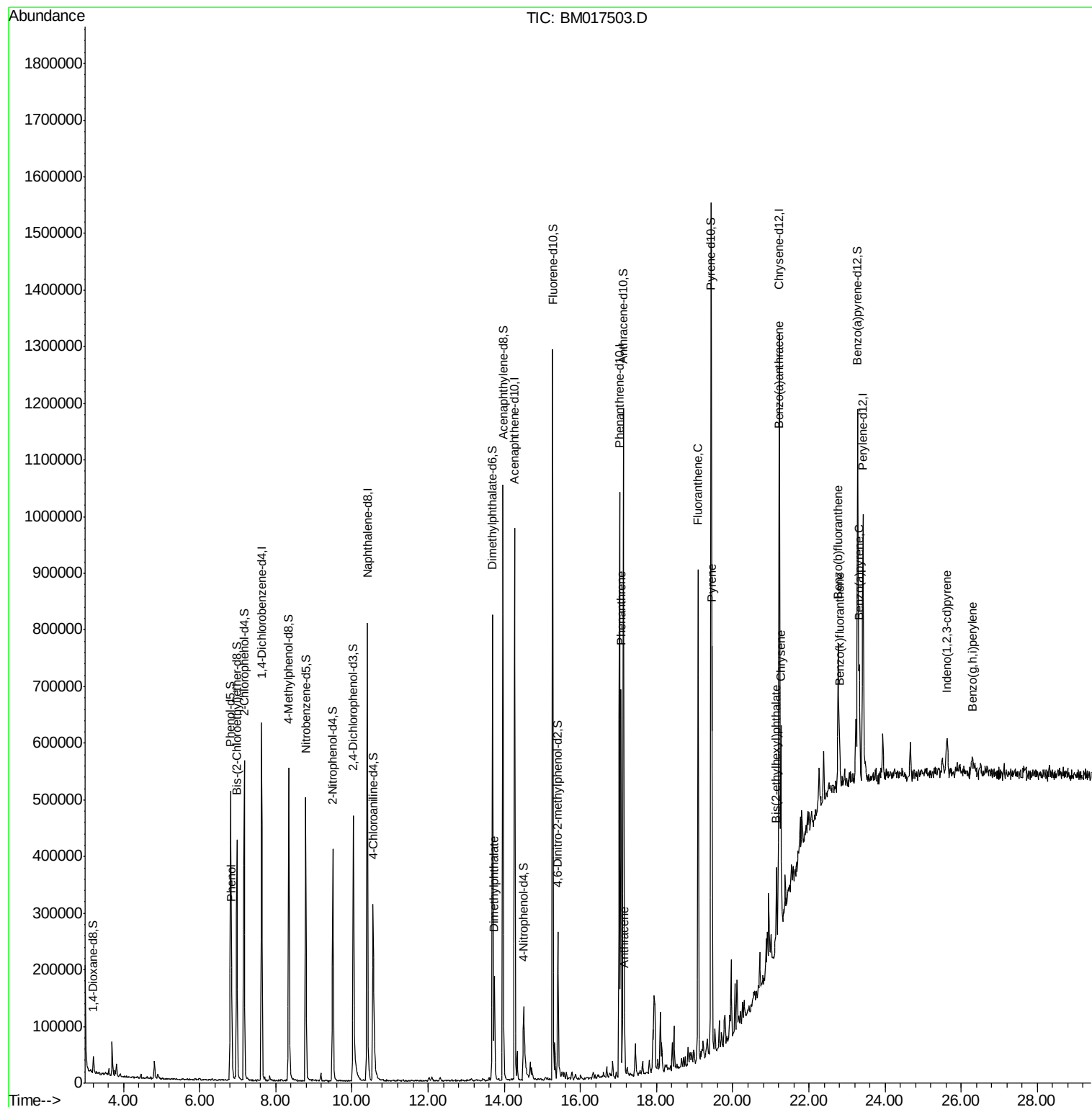
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110218\
Data File : BM017503.D
Acq On : 02 Nov 2018 23:02
Operator : MJ/SJ
Sample : J5704-24
Misc :
ALS Vial : 18 Sample Multiplier: 1

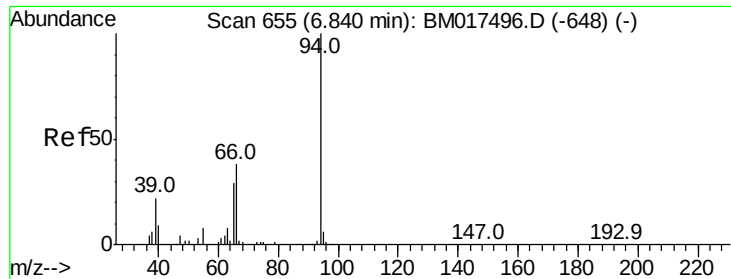
Instrument :
BNA_M
ClientSampleId :
A40K3

Manual Integrations
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Quant Time: Nov 03 03:25:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 03 03:58:03 2018
Response via : Initial Calibration





#6

Phenol

Concen: 4.916 ng/ul

RT: 6.84 min Scan# 655

Delta R.T. 0.00 min

Lab File: BM017503.D

Acq: 02 Nov 2018 23:02

Instrument :

BNA_M

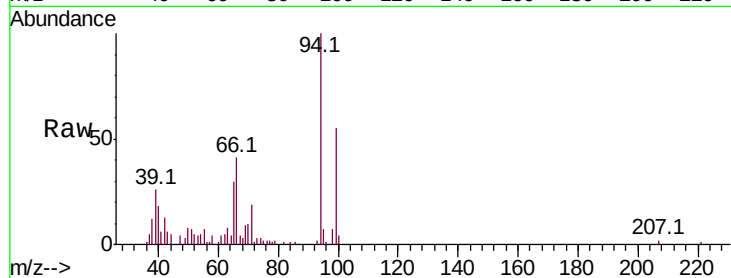
ClientSampleId :

A40K3

Tot Ion:	94	Resp:	75845
Ion Ratio	Lower	Upper	
94	100		
65	29.6	24.0	36.0
66	40.5	31.1	46.7

Manual Integrations
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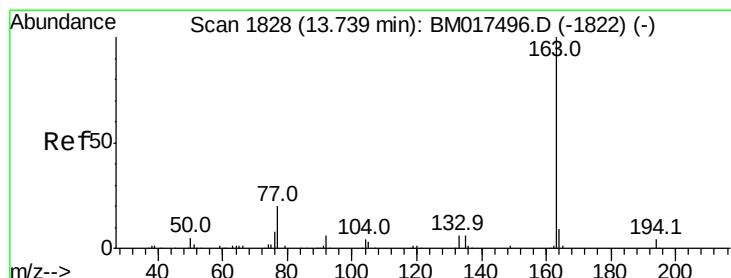
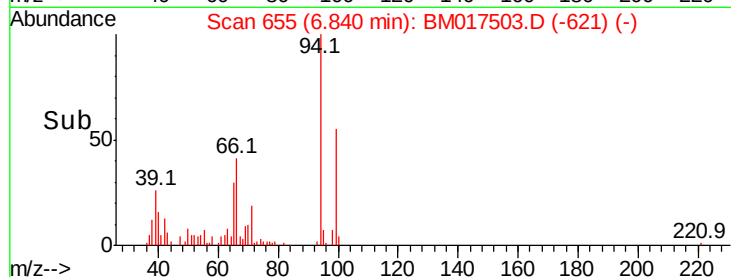
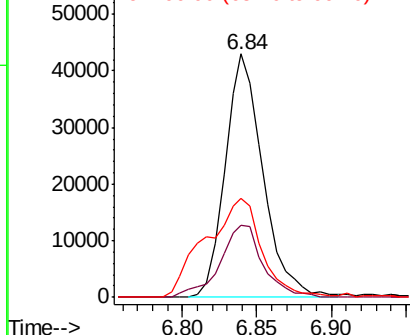


Abundance

Ion 94.00 (93.70 to 94.70): BM017496.D (-648) (-)

Ion 65.00 (64.70 to 65.70): BM017496.D (-648) (-)

Ion 66.00 (65.70 to 66.70): BM017496.D (-648) (-)



#45

Dimethylphthalate

Concen: 4.636 ng/ul

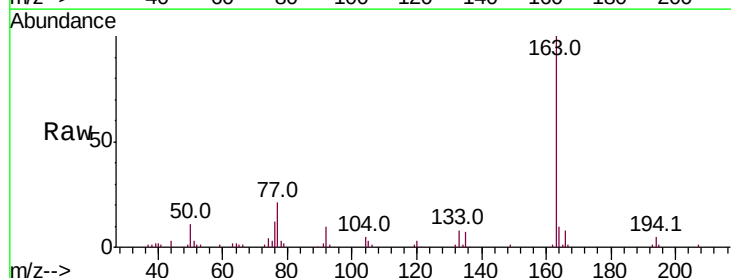
RT: 13.74 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BM017503.D

Acq: 02 Nov 2018 23:02

Tgt Ion:	163	Resp:	120933
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.2	4.8
164	10.2	8.1	12.1

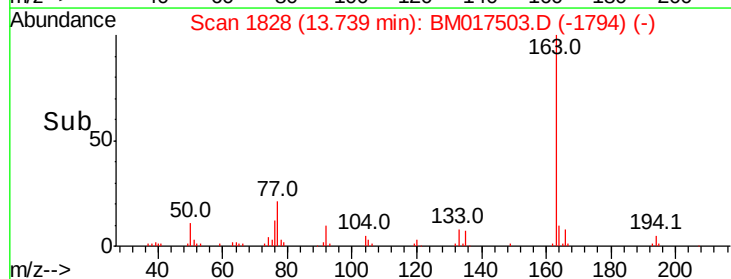
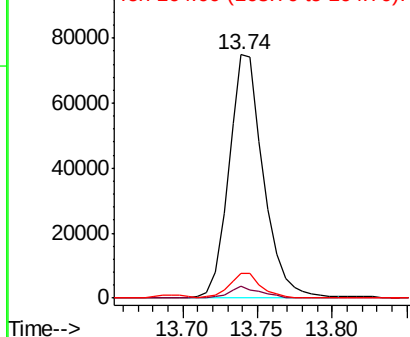


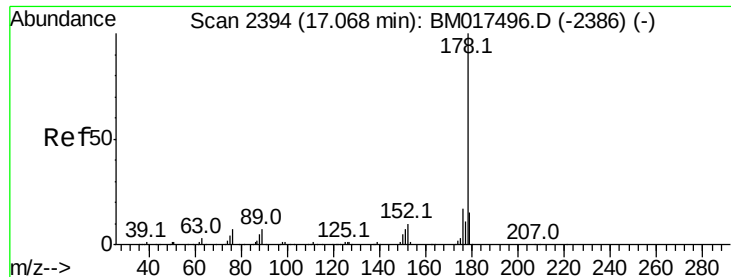
Abundance

Ion 163.00 (162.70 to 163.70): BM017496.D (-1822) (-)

Ion 194.00 (193.70 to 194.70): BM017496.D (-1822) (-)

Ion 164.00 (163.70 to 164.70): BM017496.D (-1822) (-)





#70

Phenanthrene

Concen: 11.806 ng/ul

RT: 17.07 min Scan# 2394

Delta R.T. 0.00 min

Lab File: BM017503.D

Acq: 02 Nov 2018 23:02

Instrument :

BNA_M

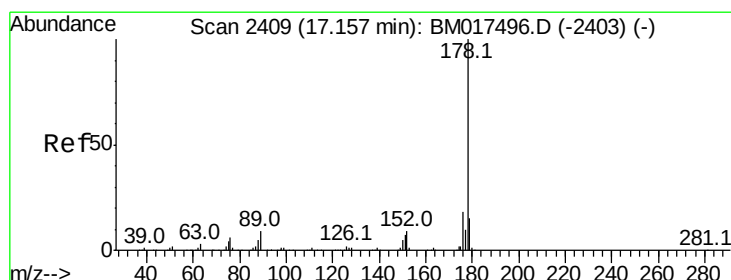
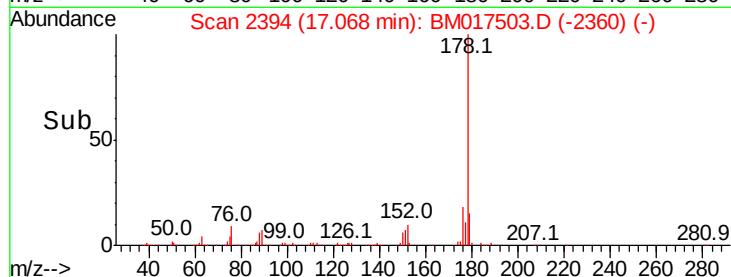
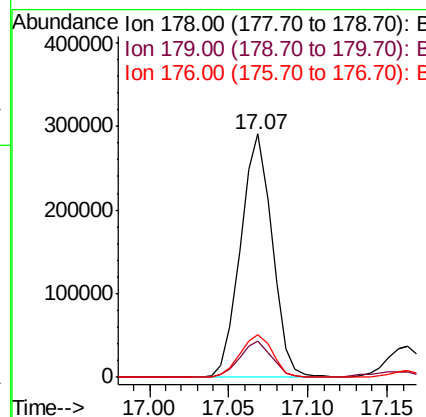
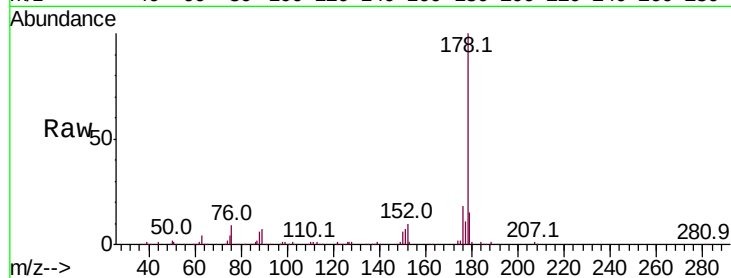
ClientSampleId :

A40K3

Tot Ion:178	Resp:	404022
Ion Ratio	Lower	Upper
178	100	
179	14.9	12.2 18.2
176	17.8	14.9 22.3

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#72

Anthracene

Concen: 1.635 ng/ul m

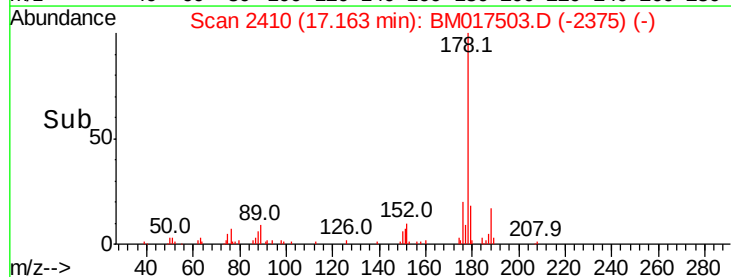
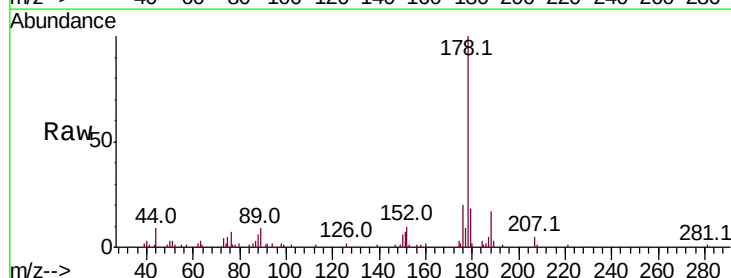
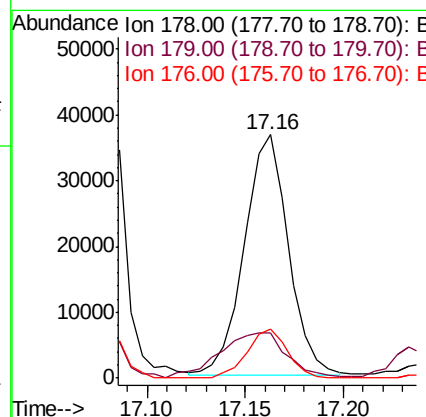
RT: 17.16 min Scan# 2410

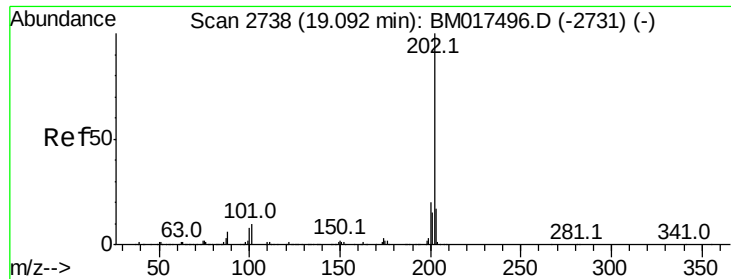
Delta R.T. 0.01 min

Lab File: BM017503.D

Acq: 02 Nov 2018 23:02

Tgt Ion:178	Resp:	56822
Ion Ratio	Lower	Upper
178	100	
179	18.5	12.2 18.2#
176	20.0	14.2 21.2





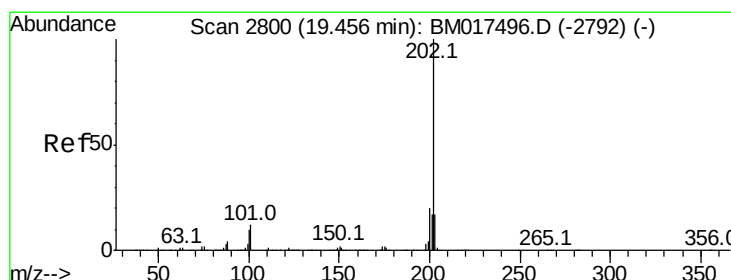
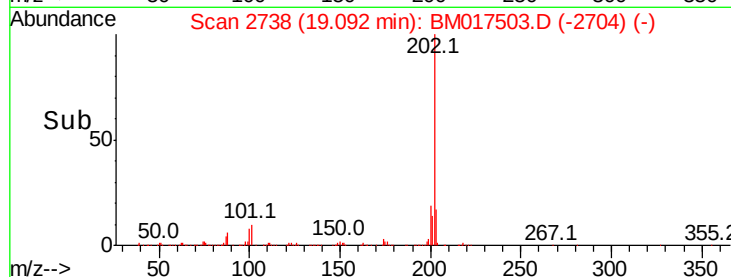
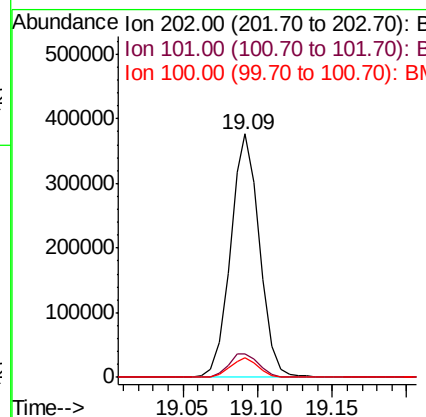
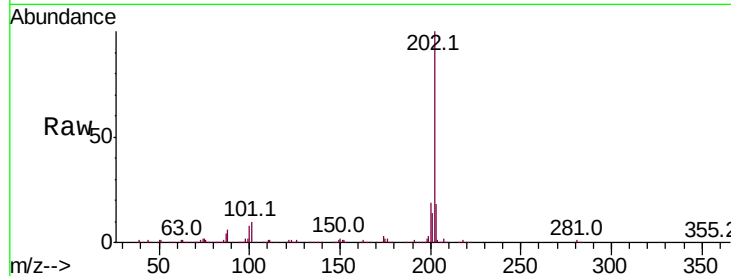
#77
 Fluoranthene
 Concen: 13.056 ng/ul
 RT: 19.09 min Scan# 2738
 Delta R.T. 0.00 min
 Lab File: BM017503.D
 Acq: 02 Nov 2018 23:02

Instrument :
 BNA_M
 ClientSampled :
 A40K3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.7	8.2	12.4
100	8.0	6.3	9.5

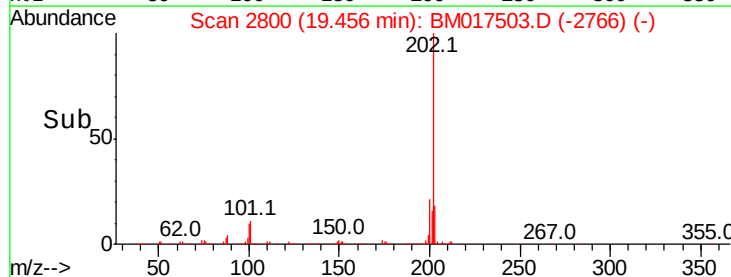
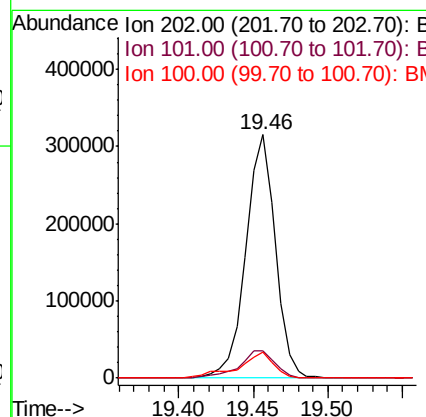
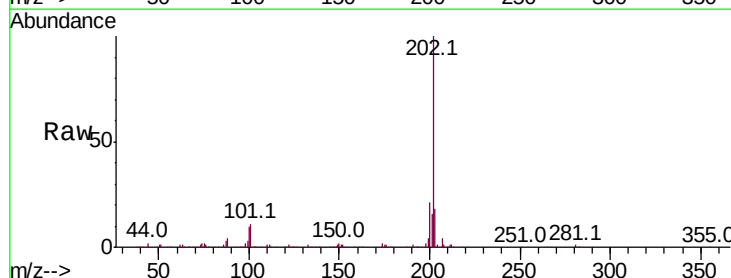
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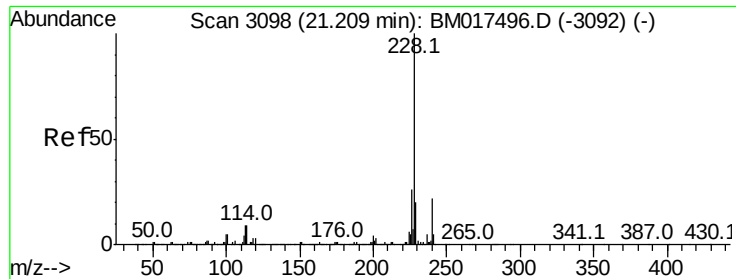
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#80
 Pyrene
 Concen: 16.708 ng/ul
 RT: 19.46 min Scan# 2800
 Delta R.T. 0.00 min
 Lab File: BM017503.D
 Acq: 02 Nov 2018 23:02

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	9.5	14.3
100	10.5	8.1	12.1





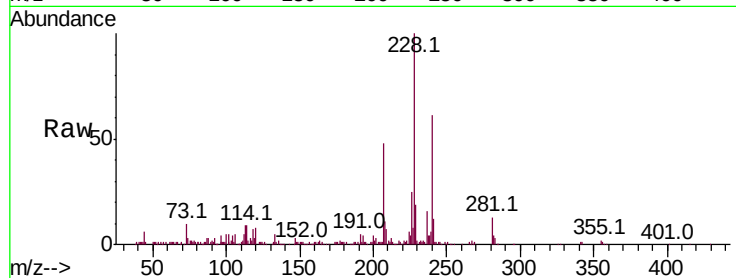
#83
Benzo(a)anthracene
Concen: 6.425 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BM017503.D
Acq: 02 Nov 2018 23:02

Instrument :
BNA_M
ClientSampled :
A40K3

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.0	15.6	23.4
226	25.2	20.8	31.2

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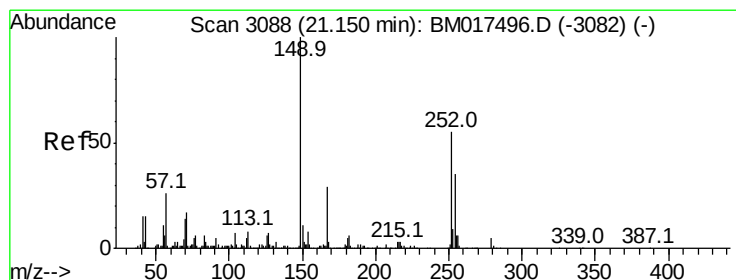
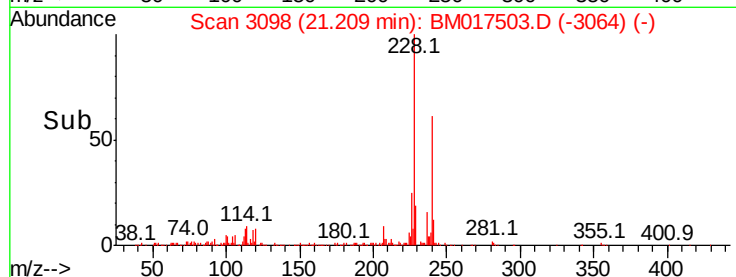
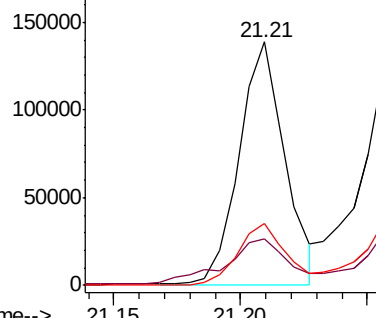


Abundance

Ion 228.00 (227.70 to 228.70): E

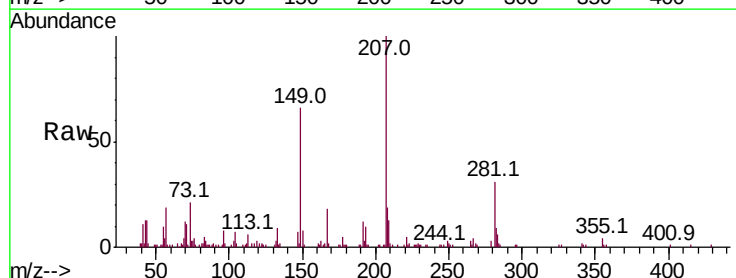
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.135 ng/ul
RT: 21.15 min Scan# 3088
Delta R.T. 0.00 min
Lab File: BM017503.D
Acq: 02 Nov 2018 23:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	23.0	34.6
279	5.2	4.1	6.1

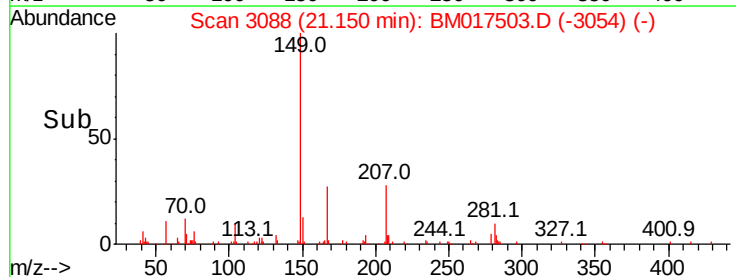
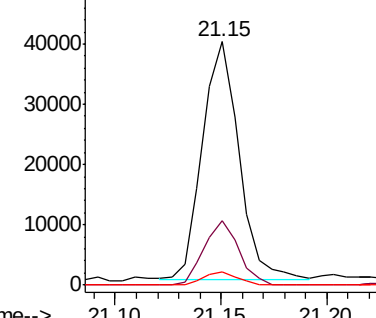


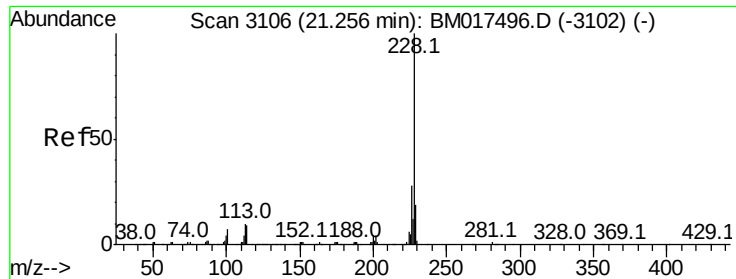
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





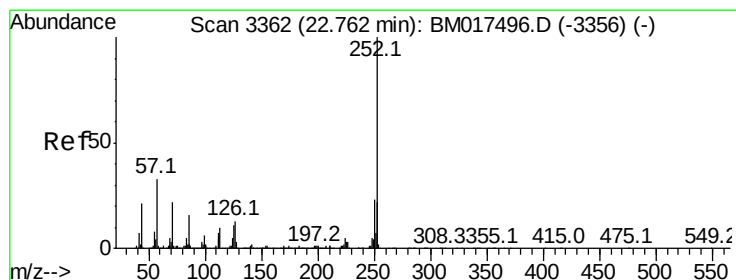
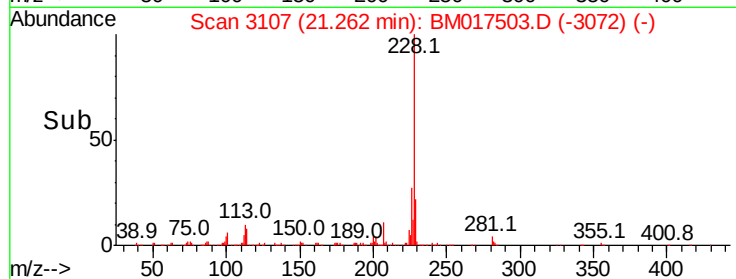
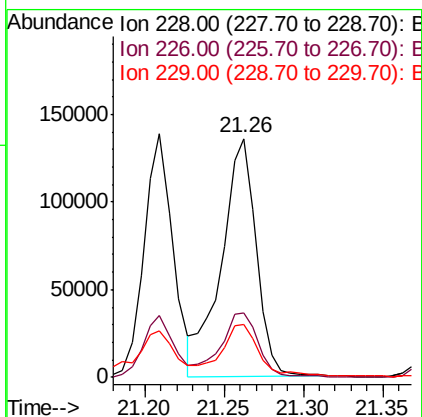
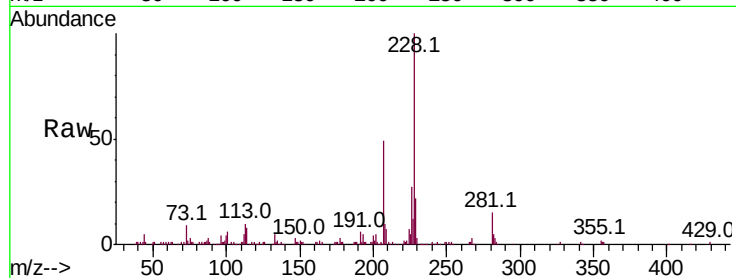
#85
Chrysene
Concen: 8.021 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. 0.01 min
Lab File: BM017503.D
Acq: 02 Nov 2018 23:02

Instrument :
BNA_M
ClientSampled :
A40K3

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	23.3	34.9
229	22.1	15.6	23.4

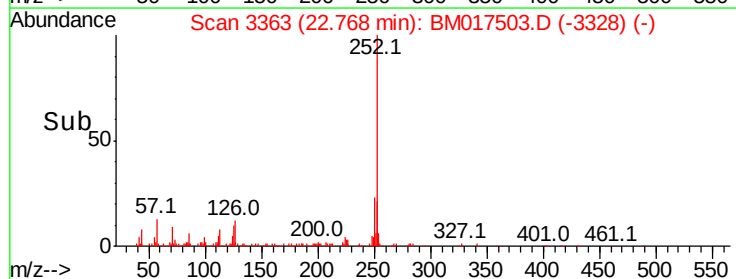
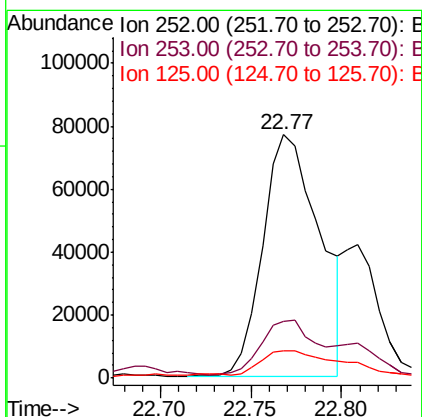
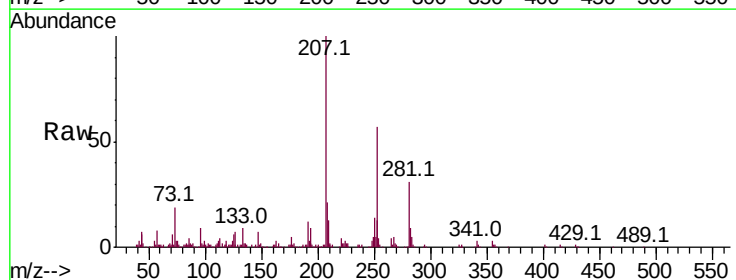
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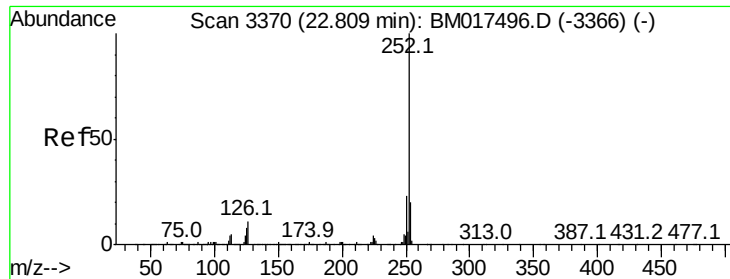
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#88
Benzo(b)fluoranthene
Concen: 8.558 ng/ul
RT: 22.77 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BM017503.D
Acq: 02 Nov 2018 23:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	11.1	7.2	10.8#





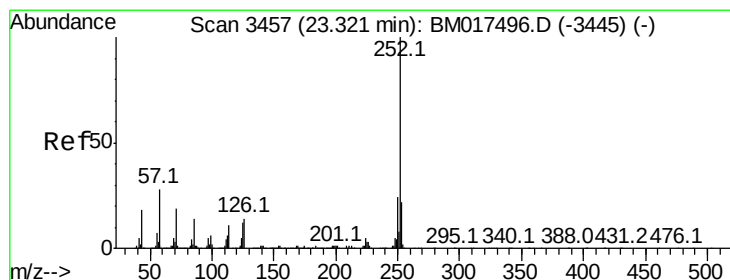
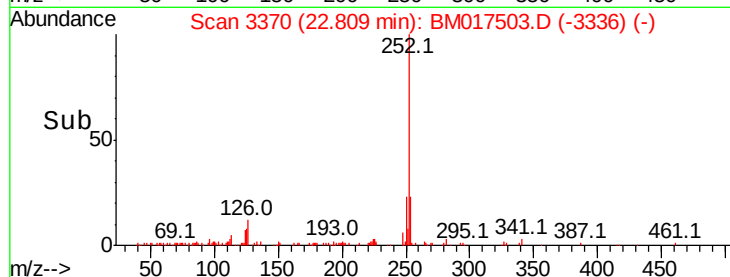
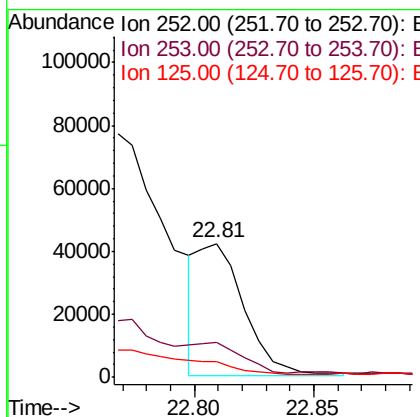
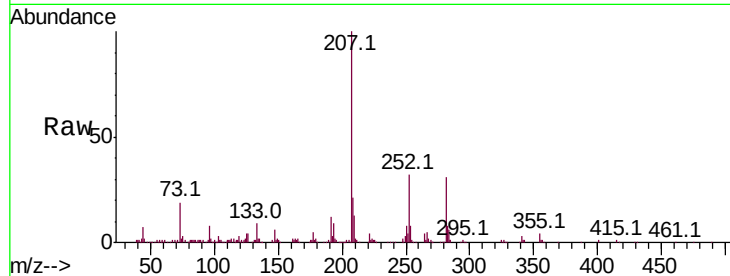
#89
Benzo(k)fluoranthene
Concen: 2.951 ng/ul m
RT: 22.81 min Scan# 3370
Delta R.T. 0.00 min
Lab File: BM017503.D
Acq: 02 Nov 2018 23:02

Instrument :
BNA_M
ClientSampled :
A40K3

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.7	26.5
125	11.4	7.8	11.6

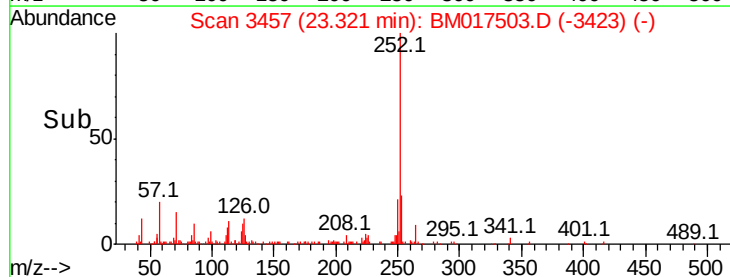
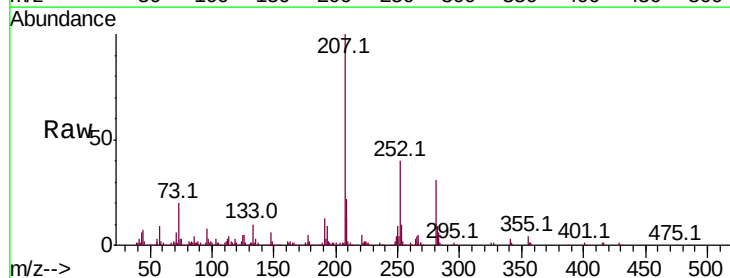
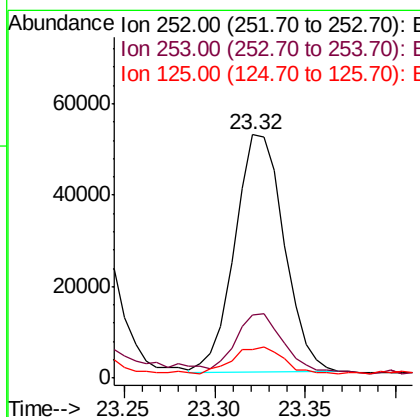
Manual Integrations
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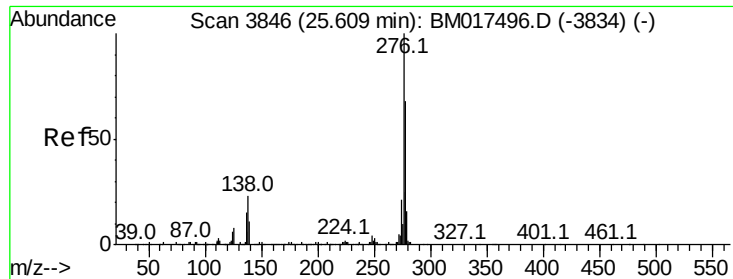
Sohil
11/5/2018 4:06:06 PM



#91
Benzo(a)pyrene
Concen: 5.130 ng/ul
RT: 23.32 min Scan# 3457
Delta R.T. 0.00 min
Lab File: BM017503.D
Acq: 02 Nov 2018 23:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.6	26.4
125	11.5	8.3	12.5





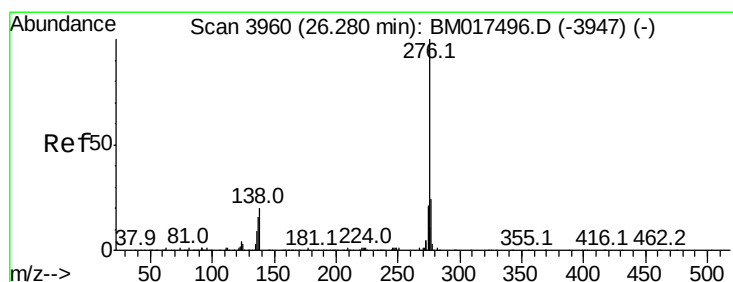
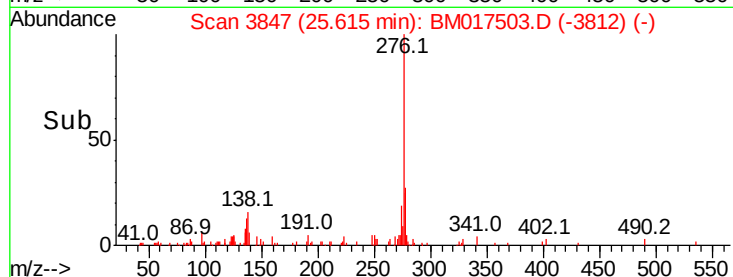
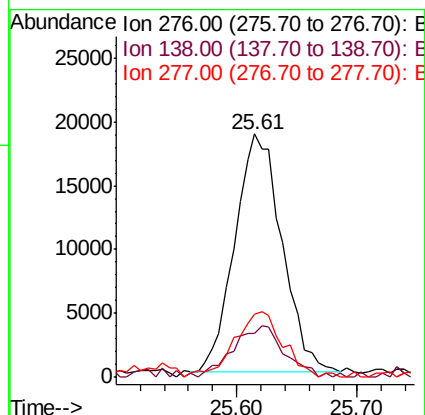
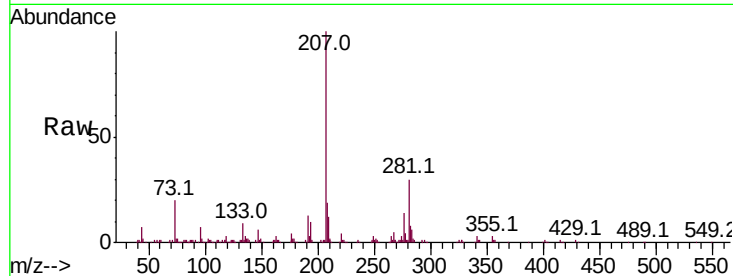
#92
Indeno(1,2,3-cd)pyrene
Concen: 2.168 ng/ul
RT: 25.61 min Scan# 3847
Delta R.T. 0.01 min
Lab File: BM017503.D
Acq: 02 Nov 2018 23:02

Instrument :
BNA_M
ClientSampleId :
A40K3

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.1	18.1	27.1#
277	26.1	19.6	29.4

Manual Integrations
APPROVED

Sohil
11/5/2018 4:06:06 PM



#94
Benzo(g,h,i)perylene
Concen: 2.065 ng/ul
RT: 26.29 min Scan# 3961
Delta R.T. 0.01 min
Lab File: BM017503.D
Acq: 02 Nov 2018 23:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.7	16.6	25.0#
277	22.3	18.9	28.3

