

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
 Data File : BM023188.D
 Acq On : 16 Oct 2019 11:21
 Operator : JU
 Sample : K5199-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEPJ5

Manual Integrations
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 10/17/2019 7:58:18 AM

Quant Time: Oct 16 14:27:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 08:27:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	380652	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1681630	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	1107568	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	2344974	20.00	ng/ul	-0.01
78) Chrysene-d12	21.26	240	2259426	20.00	ng/ul	-0.01
86) Perylene-d12	23.47	264	2104980	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	47335	5.47	ng/uL	0.00
5) Phenol-d5	6.85	99	880464	26.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	574596	30.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	727034	28.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	687127	25.80	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	362032	31.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	365029	33.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	772307	28.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	742864	22.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	2545743	29.99	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	2988017	30.02	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.52	143	266448	19.39	ng/ul	0.00
58) Fluorene-d10	15.32	176	2246617	31.07	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.43	200	215623	23.19	ng/ul	-0.01
71) Anthracene-d10	17.17	188	3591553	31.76	ng/ul	-0.01
79) Pyrene-d10	19.46	212	4184247	38.24	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.34	264	3620955	33.93	ng/ul	-0.01

Target Compounds

					Ovalue
6) Phenol	6.88	94	89997	2.632	ng/ul 96
45) Dimethylphthalate	13.79	163	1233893	14.524	ng/ul 100
70) Phenanthrene	17.11	178	703254	5.344	ng/ul 98
72) Anthracene	17.20	178	140398	1.032	ng/ul 97
76) Di-n-butylphthalate	18.06	149	209961	1.452	ng/ul 97
77) Fluoranthene	19.13	202	1742135	11.131	ng/ul 100
80) Pyrene	19.49	202	1895604	13.392	ng/ul 98
83) Benzo(a)anthracene	21.24	228	1077185	7.036	ng/ul 97
84) Bis(2-ethylhexyl)phthalate	21.21	149	1570472	20.062	ng/ul 100
85) Chrysene	21.29	228	1163000	8.181	ng/ul 98
88) Benzo(b)fluoranthene	22.82	252	1151738	9.024	ng/ul 98
89) Benzo(k)fluoranthene	22.86	252	373028m	3.044	ng/ul
91) Benzo(a)pyrene	23.38	252	798450	6.521	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.69	276	446512	3.065	ng/ul 98
93) Dibenzo(a,h)anthracene	25.70	278	128241	1.053	ng/ul# 89
94) Benzo(g,h,i)perylene	26.37	276	328673	2.740	ng/ul 98

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

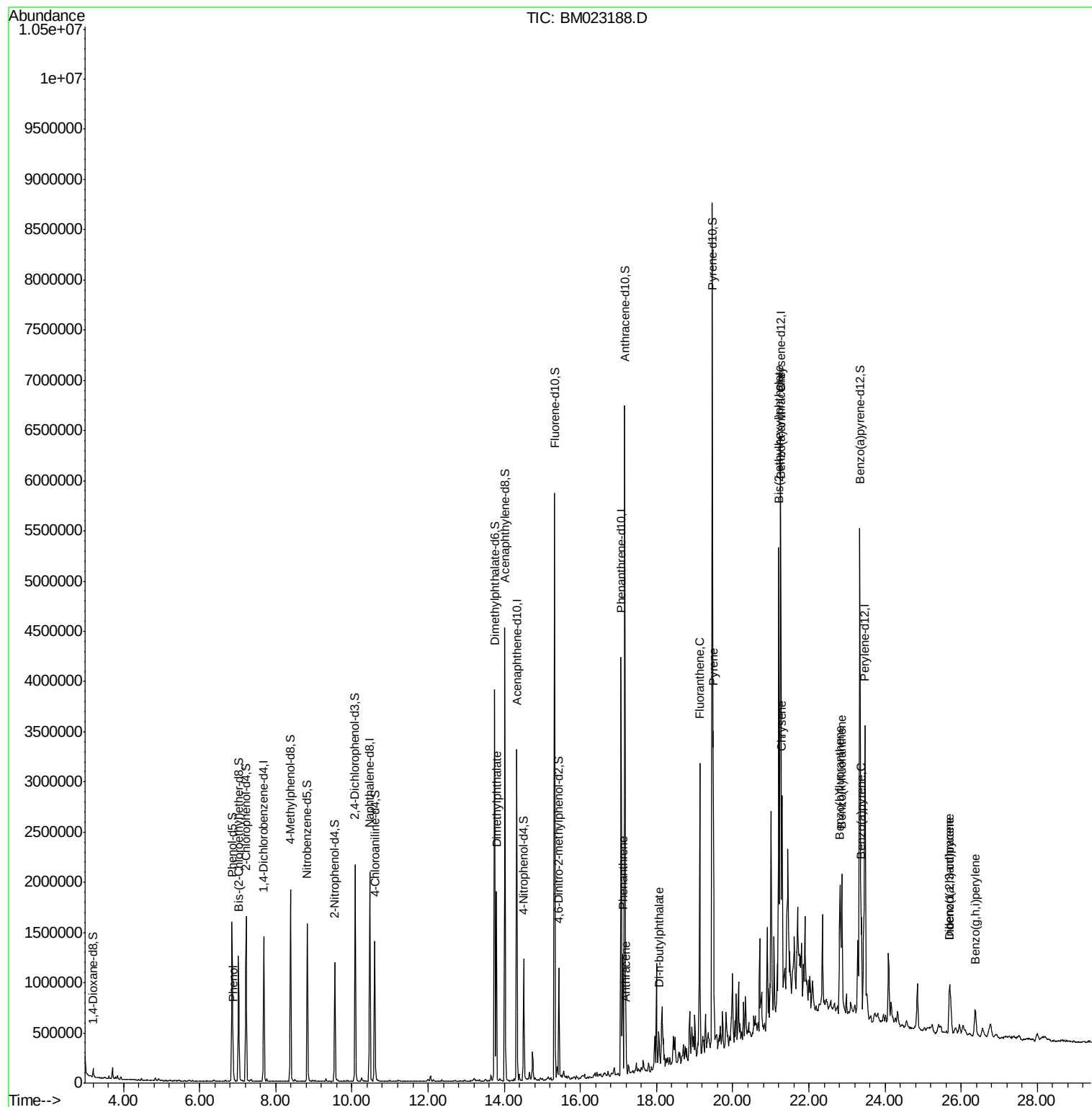
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
Data File : BM023188.D
Acq On : 16 Oct 2019 11:21
Operator : JU
Sample : K5199-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

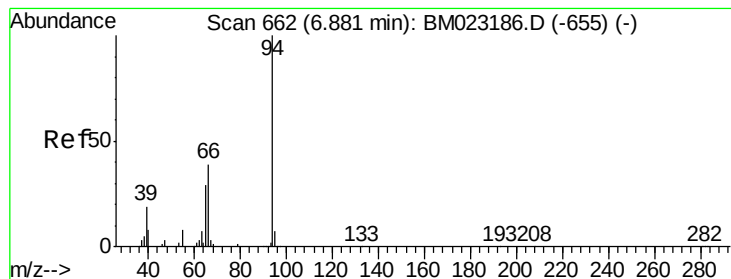
Instrument :
BNA_M
ClientSampleId :
BEPJ5

Quant Time: Oct 16 14:27:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 08:27:24 2019
Response via : Initial Calibration

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#6

Phenol

Concen: 2.632 ng/ul

RT: 6.88 min Scan# 662

Delta R.T. -0.01 min

Lab File: BM023188.D

Acq: 16 Oct 2019 11:21

Instrument :

BNA_M

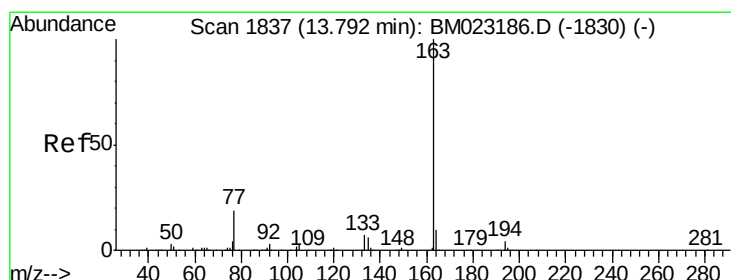
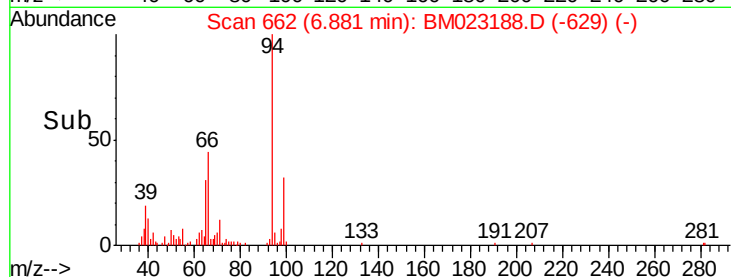
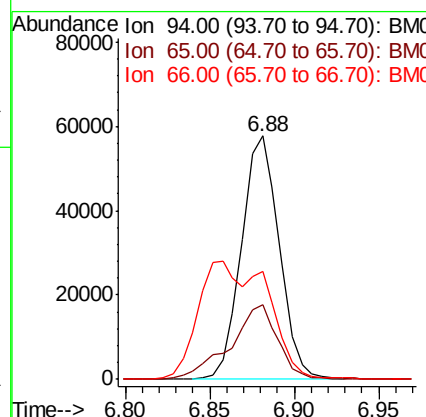
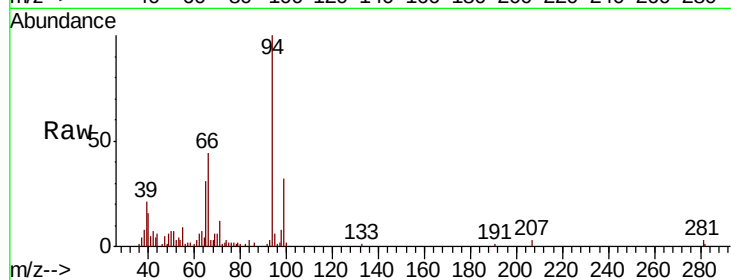
ClientSampleId :

BEPJ5

Tot Ion:	94	Resp:	89997
Ion Ratio	Lower	Upper	
94	100		
65	30.7	23.7	35.5
66	44.3	32.9	49.3

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#45

Dimethylphthalate

Concen: 14.524 ng/ul

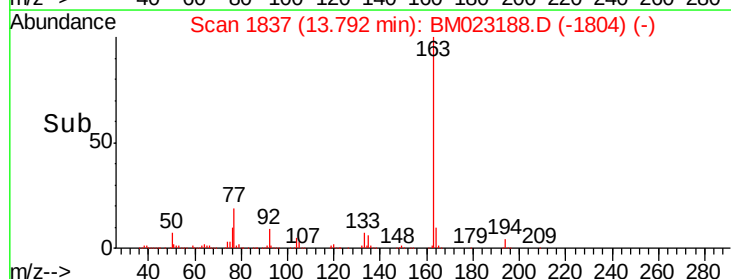
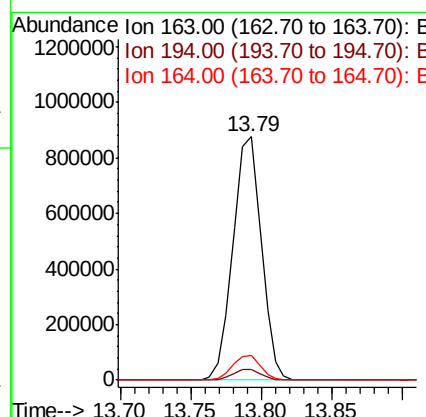
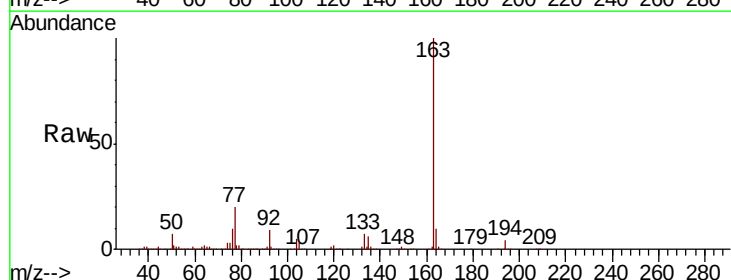
RT: 13.79 min Scan# 1837

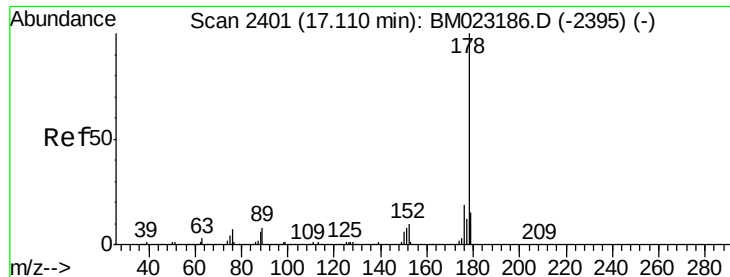
Delta R.T. -0.01 min

Lab File: BM023188.D

Acq: 16 Oct 2019 11:21

Tgt Ion:	163	Resp:	1233893
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.5	5.3
164	10.1	8.0	12.0





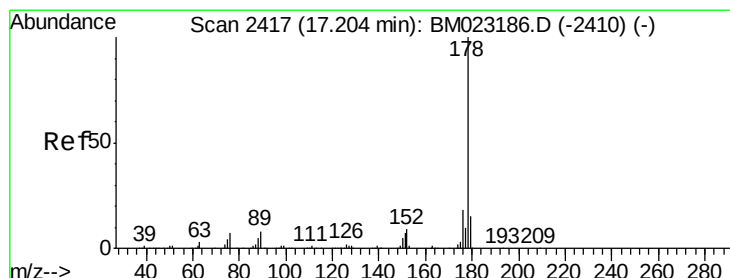
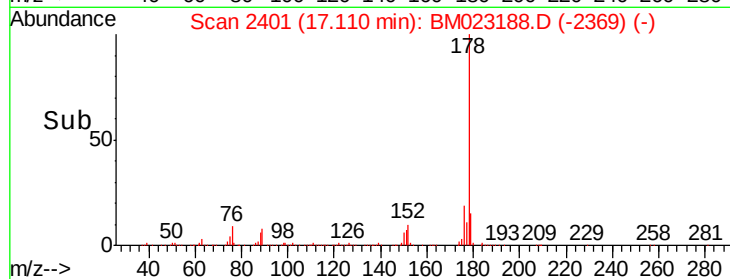
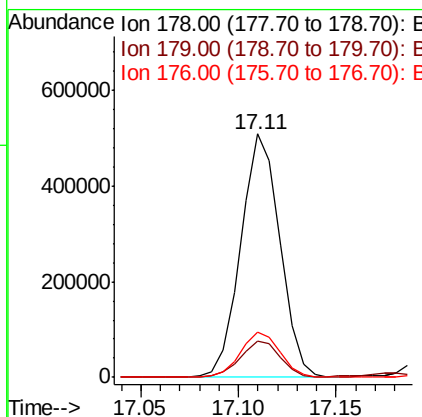
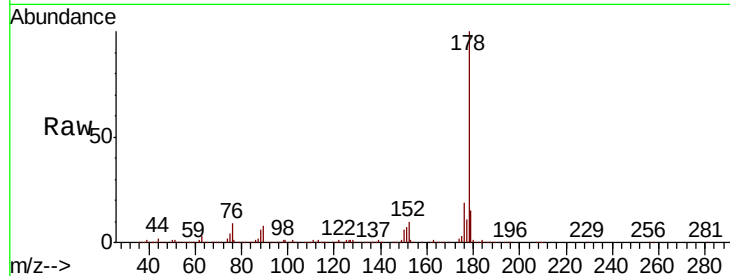
#70
Phenanthrene
Concen: 5.344 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM023188.D
Acq: 16 Oct 2019 11:21

Instrument :
BNA_M
ClientSampleId :
BEPJ5

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	18.5	15.5	23.3

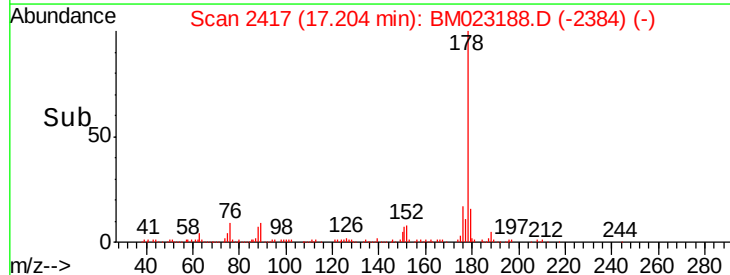
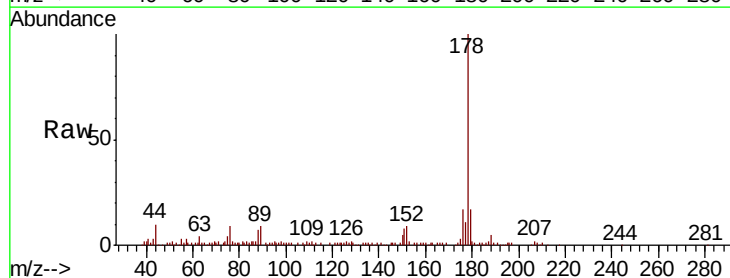
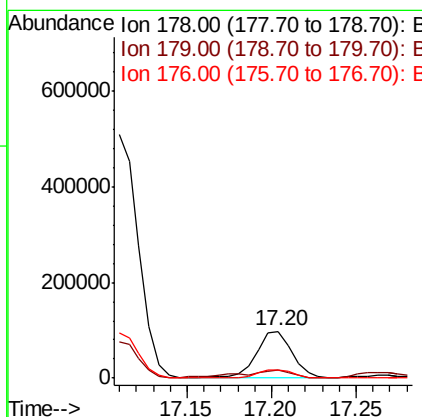
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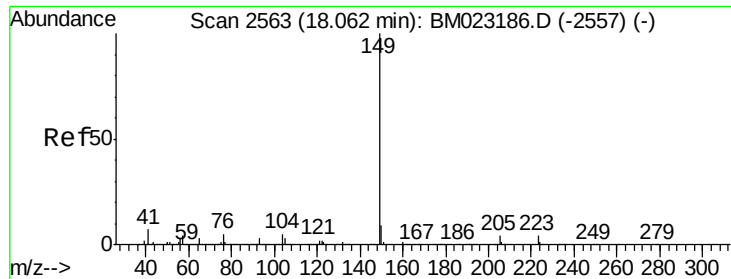
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#72
Anthracene
Concen: 1.032 ng/ul
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM023188.D
Acq: 16 Oct 2019 11:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.3	18.5
176	17.0	15.0	22.4





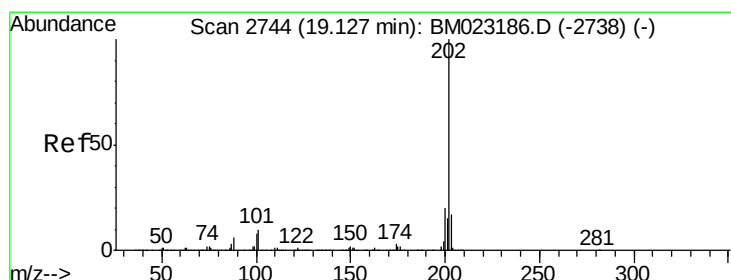
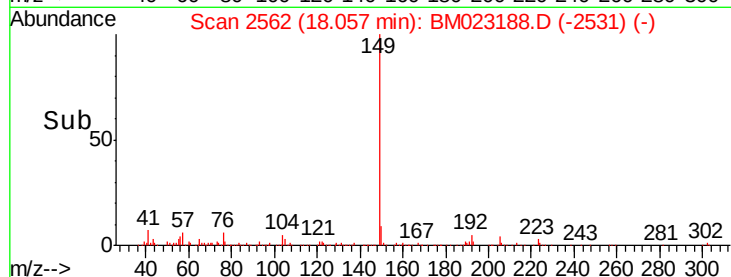
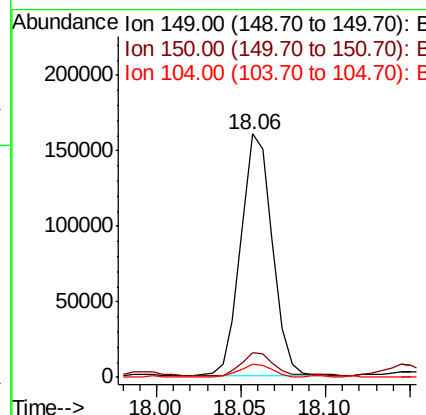
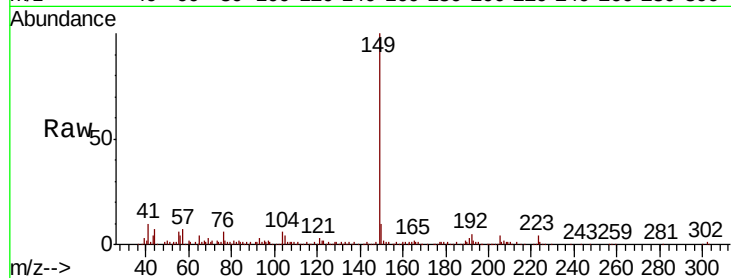
#76
Di-n-butylphthalate
Concen: 1.452 ng/ul
RT: 18.06 min Scan# 2562
Delta R.T. -0.02 min
Lab File: BM023188.D
Acq: 16 Oct 2019 11:21

Instrument :
BNA_M
ClientSampled :
BEPJ5

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.0	10.4
104	5.5	4.0	6.0

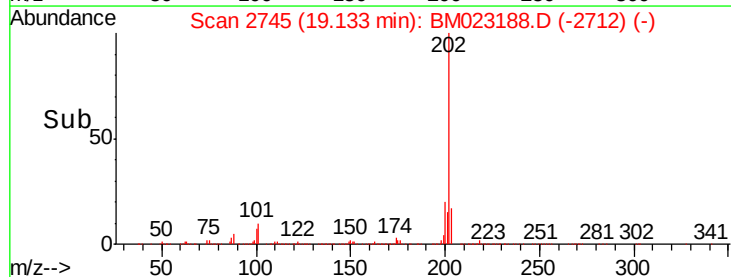
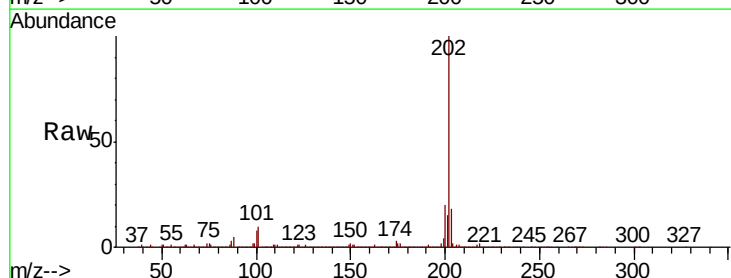
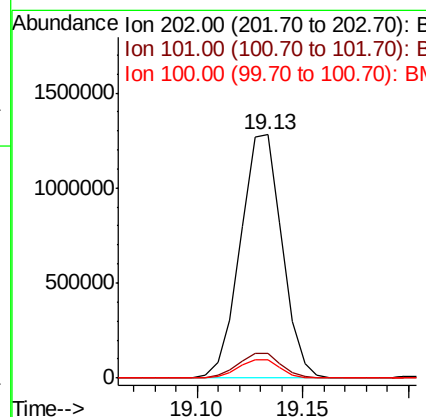
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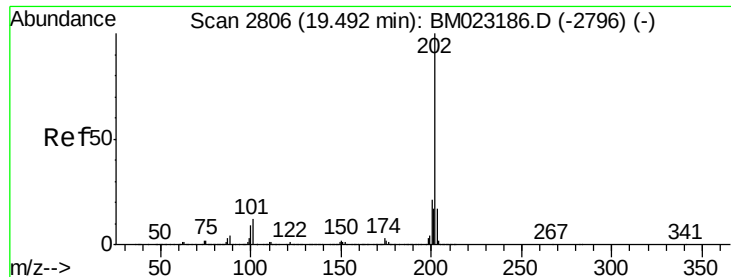
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#77
Fluoranthene
Concen: 11.131 ng/ul
RT: 19.13 min Scan# 2745
Delta R.T. -0.01 min
Lab File: BM023188.D
Acq: 16 Oct 2019 11:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	7.8	11.8
100	7.6	6.1	9.1





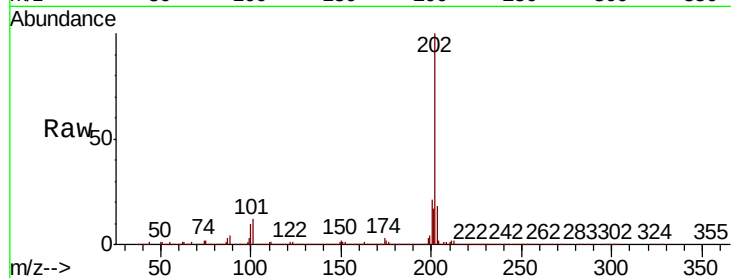
#80
Pvrene
Concen: 13.392 ng/ul
RT: 19.49 min Scan# 2806
Delta R.T. -0.01 min
Lab File: BM023188.D
Acq: 16 Oct 2019 11:21

Instrument :
BNA_M
ClientSampleId :
BEPJ5

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.1	13.7
100	10.4	7.5	11.3

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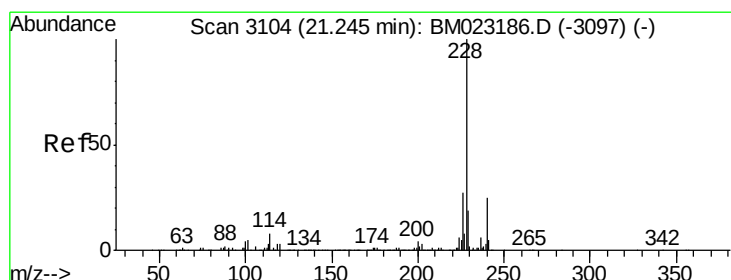
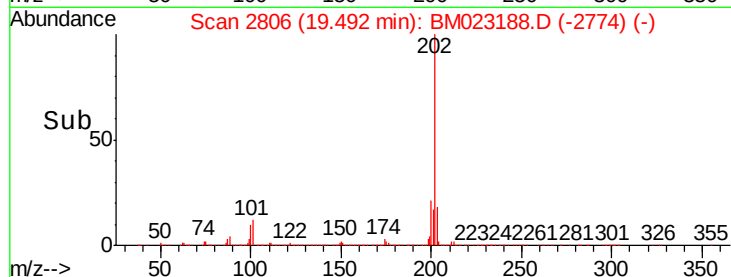
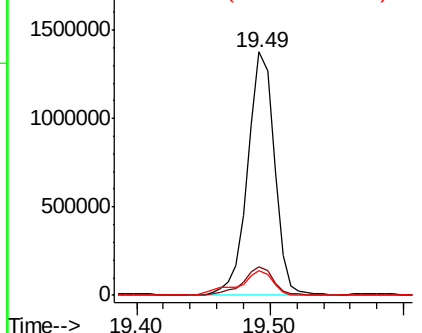


Abundance

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



#83
Benzo(a)anthracene
Concen: 7.036 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM023188.D
Acq: 16 Oct 2019 11:21

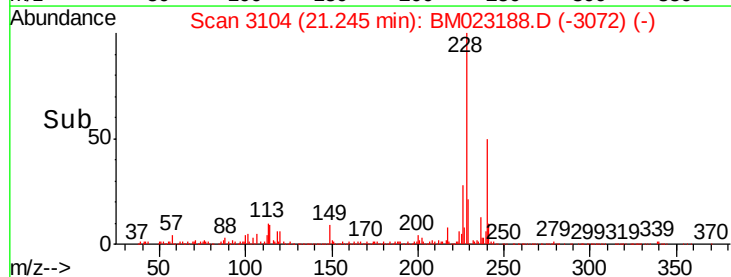
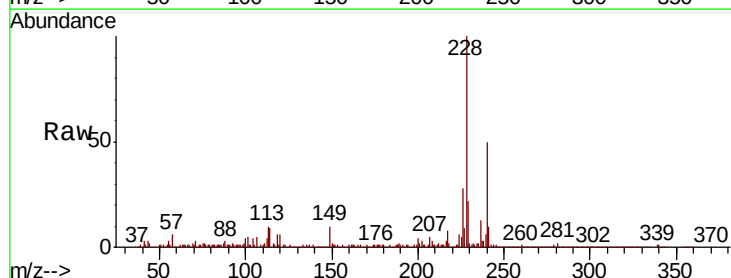
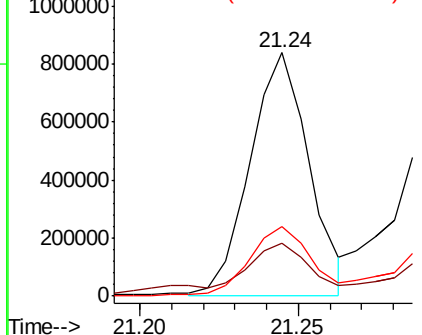
Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.7	23.5
226	28.4	21.6	32.4

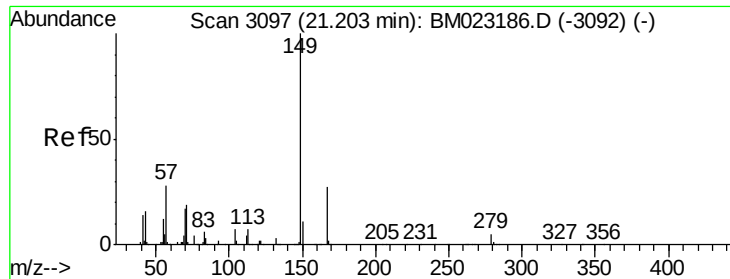
Abundance

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: 20.062 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. -0.02 min

Lab File: BM023188.D

Acq: 16 Oct 2019 11:21

Instrument :

BNA_M

ClientSampleId :

BEPJ5

Tot Ion:149 Resp: 1570472

Ion Ratio Lower Upper

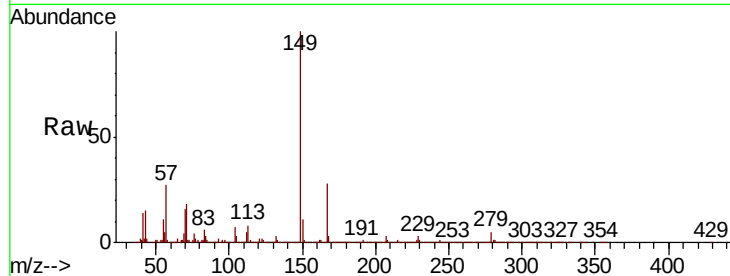
149 100

167 28.2 22.5 33.7

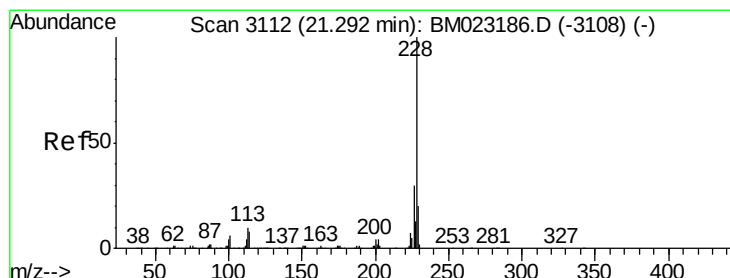
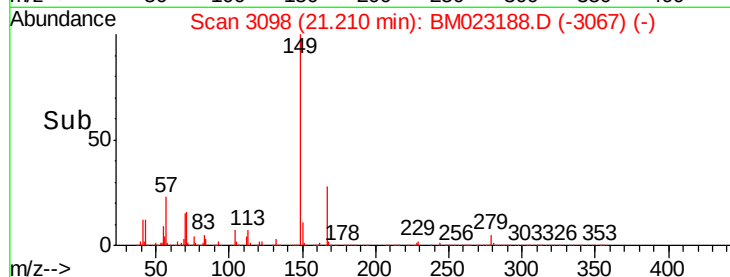
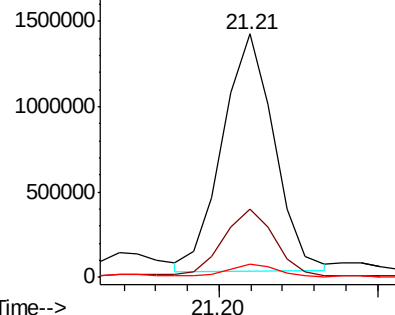
279 5.2 4.0 6.0

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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: 8.181 ng/ul

RT: 21.29 min Scan# 3112

Delta R.T. -0.02 min

Lab File: BM023188.D

Acq: 16 Oct 2019 11:21

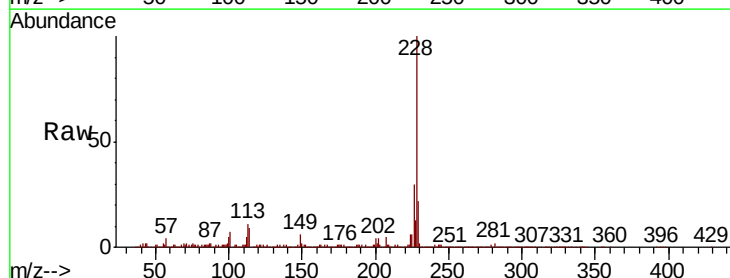
Tgt Ion:228 Resp: 1163000

Ion Ratio Lower Upper

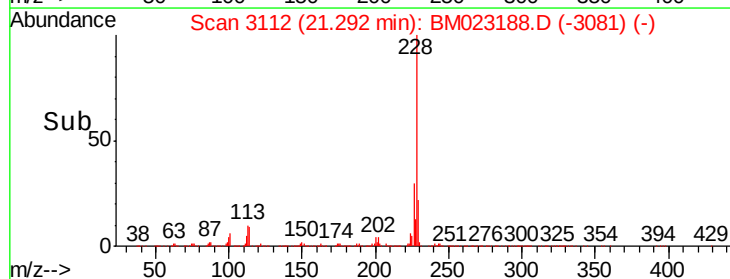
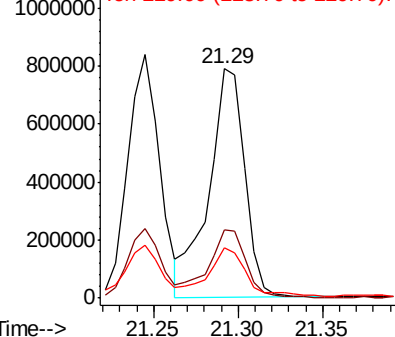
228 100

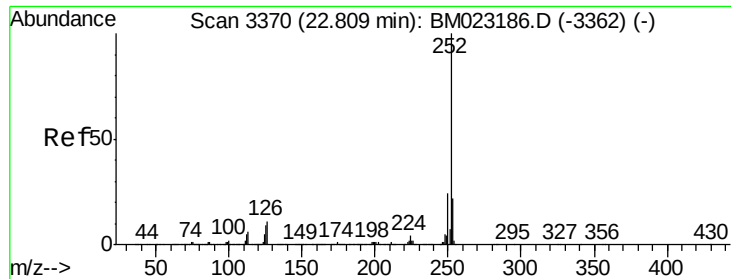
226 29.7 23.8 35.6

229 22.1 15.5 23.3



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





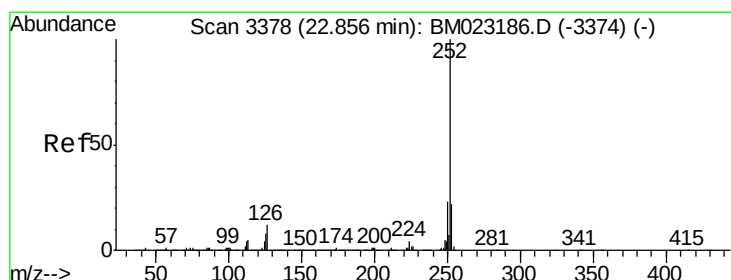
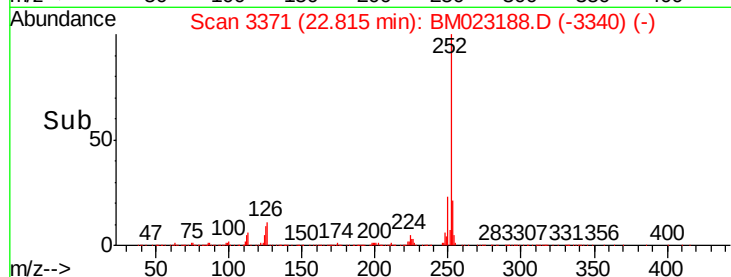
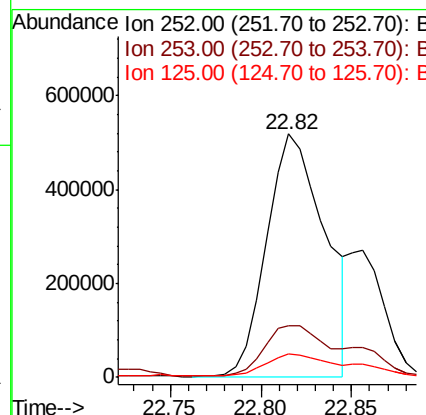
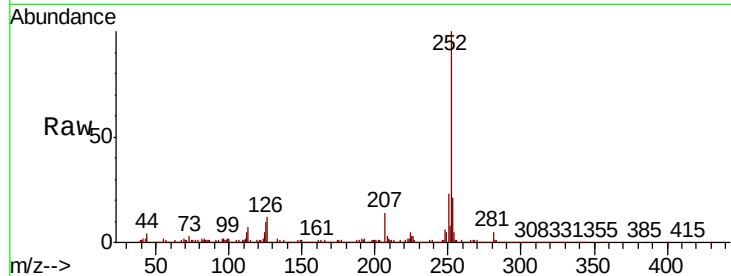
#88
Benzo(b)fluoranthene
Concen: 9.024 ng/ul
RT: 22.82 min Scan# 3371
Delta R.T. -0.02 min
Lab File: BM023188.D
Acq: 16 Oct 2019 11:21

Instrument :
BNA_M
ClientSampleId :
BEPJ5

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.6	26.4
125	9.6	6.4	9.6

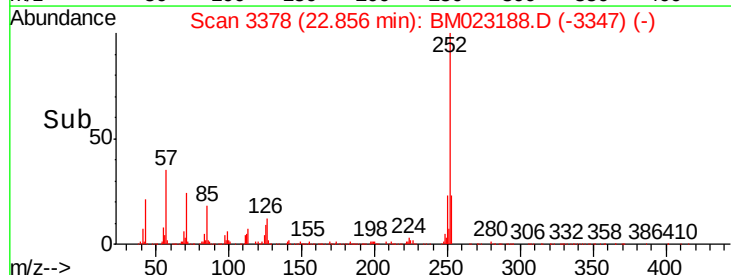
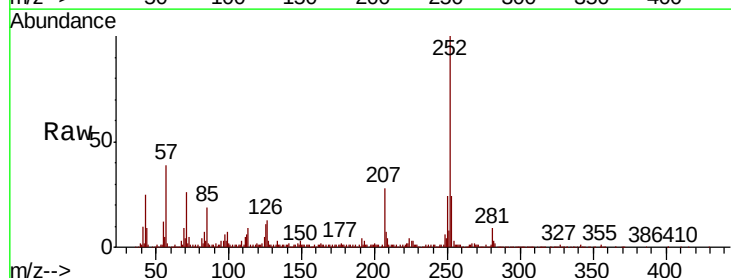
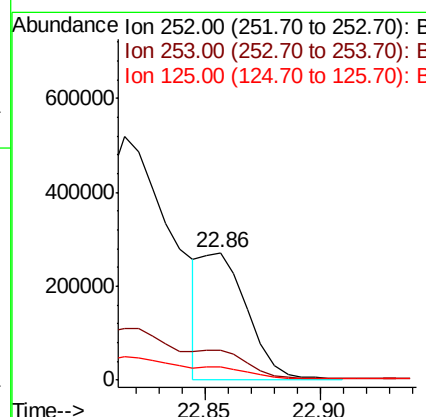
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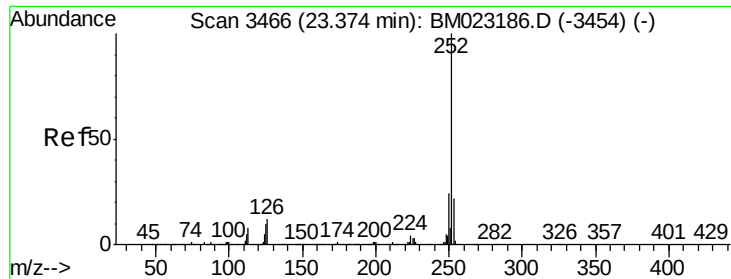
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#89
Benzo(k)fluoranthene
Concen: 3.044 ng/ul m
RT: 22.86 min Scan# 3378
Delta R.T. -0.02 min
Lab File: BM023188.D
Acq: 16 Oct 2019 11:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.0
125	10.5	6.5	9.7#





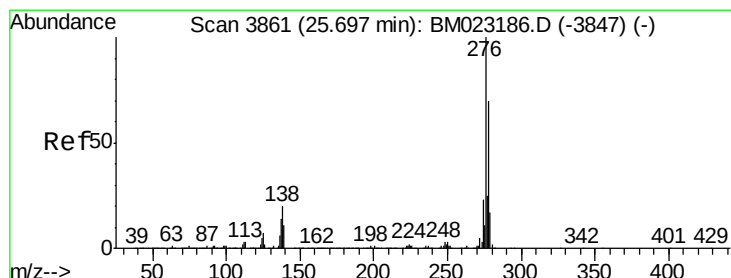
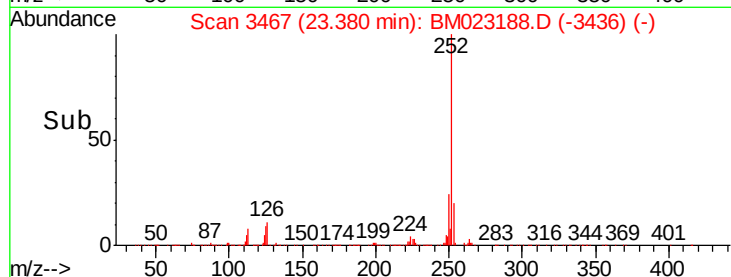
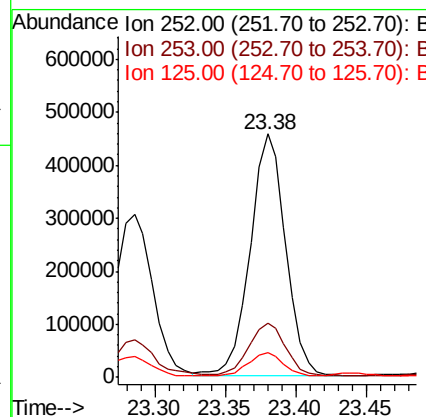
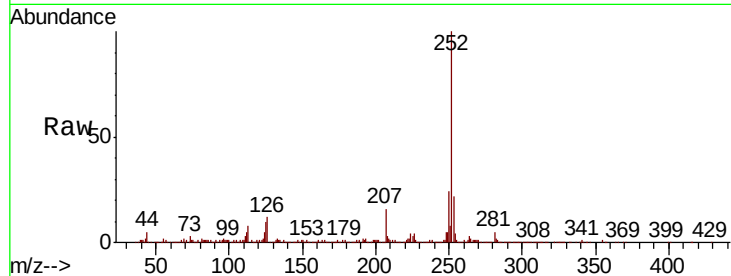
#91
Benzo(a)pyrene
Concen: 6.521 ng/ul
RT: 23.38 min Scan# 3467
Delta R.T. -0.02 min
Lab File: BM023188.D
Acq: 16 Oct 2019 11:21

Instrument :
BNA_M
ClientSampleId :
BEPJ5

Tot Ion	Ratio	Resp	Lower	Upper
252	100	798450		
253	22.1	17.2	25.8	
125	10.2	7.4	11.0	

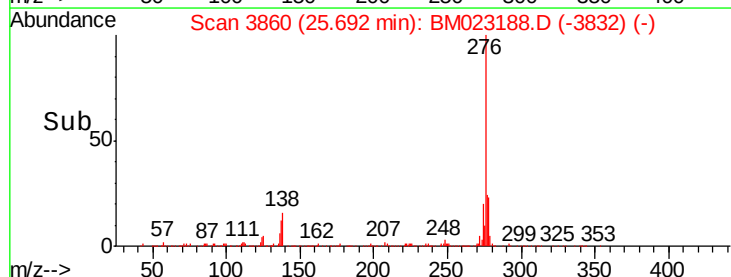
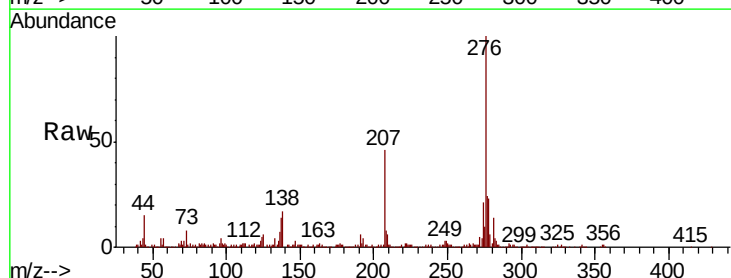
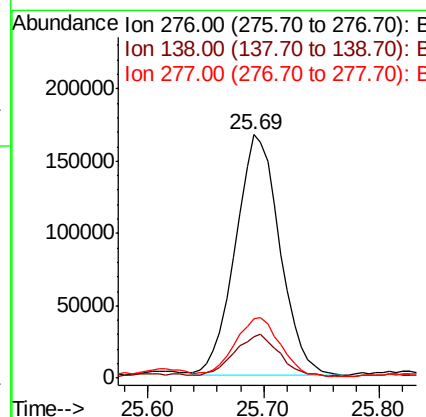
Manual Integrations
APPROVED

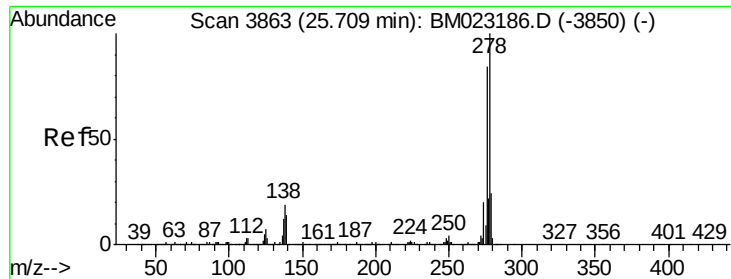
mohammad
10/17/2019 7:58:18 AM



#92
Indeno(1,2,3-cd)pyrene
Concen: 3.065 ng/ul
RT: 25.69 min Scan# 3860
Delta R.T. -0.03 min
Lab File: BM023188.D
Acq: 16 Oct 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	446512		
138	16.9	14.9	22.3	
277	24.3	19.8	29.8	





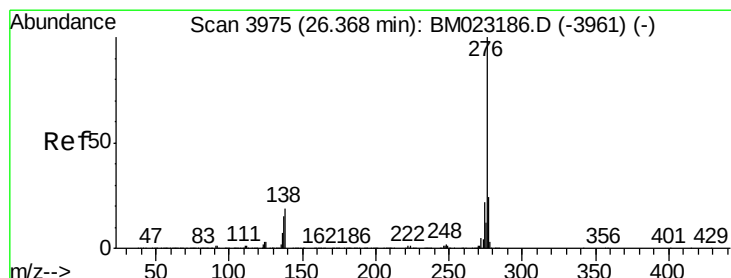
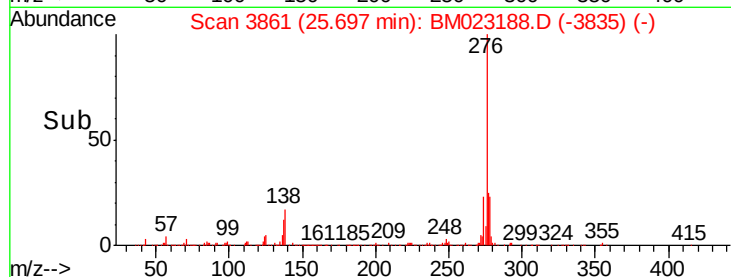
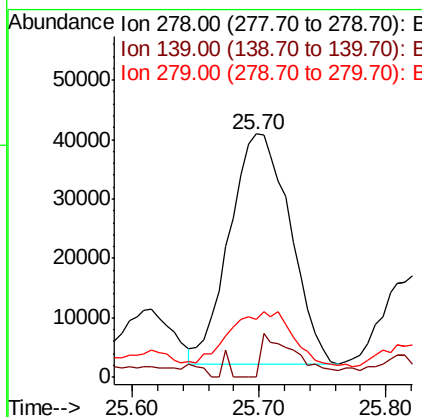
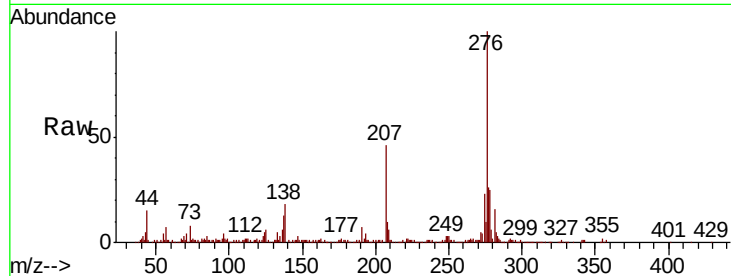
#93
Dibenzo(a,h)anthracene
Concen: 1.053 ng/ul
RT: 25.70 min Scan# 3861
Delta R.T. -0.05 min
Lab File: BM023188.D
Acq: 16 Oct 2019 11:21

Instrument :
BNA_M
ClientSampled :
BEPJ5

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.0	15.0#
279	24.1	19.4	29.0

Manual Integrations
APPROVED

mohammad
10/17/2019 7:58:18 AM



#94
Benzo(g,h,i)perylene
Concen: 2.740 ng/ul
RT: 26.37 min Scan# 3976
Delta R.T. -0.03 min
Lab File: BM023188.D
Acq: 16 Oct 2019 11:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.9	14.4	21.6
277	22.2	19.4	29.2

