

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
 Data File : BM023196.D
 Acq On : 16 Oct 2019 18:33
 Operator : JU
 Sample : K5199-05DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP72DL

Manual Integrations
 APPROVED

mohammad
 10/18/2019 8:26:50 AM

Quant Time: Oct 17 04:45:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 04:31:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	468234	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1828192	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	1077717	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2103121	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2080212	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2529258	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	21875	2.06	ng/uL	0.00
5) Phenol-d5	6.83	99	377303	9.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	247940	10.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	332333	10.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	290141	8.86	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	150540	12.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	163258	13.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	327508	10.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	225550	6.19	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	987006	11.95	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1172937	12.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	75032	5.61	ng/ul	0.00
58) Fluorene-d10	15.30	176	848193	12.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	82194	9.86	ng/ul	0.00
71) Anthracene-d10	17.15	188	1268932	12.51	ng/ul	0.00
79) Pyrene-d10	19.44	212	1391830	13.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	1635658	12.76	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	13.77	163	392410	4.747	ng/ul 99
70) Phenanthrene	17.09	178	1048000	8.879	ng/ul 99
72) Anthracene	17.19	178	232960	1.910	ng/ul 99
76) Di-n-butylphthalate	18.04	149	241337	1.861	ng/ul 98
77) Fluoranthene	19.12	202	2367059	16.863	ng/ul 100
80) Pyrene	19.47	202	2536618	19.465	ng/ul 98
83) Benzo(a)anthracene	21.23	228	1443871	10.244	ng/ul 97
84) Bis(2-ethylhexyl)phthalate	21.19	149	3248274	45.071	ng/ul 99
85) Chrysene	21.28	228	1494999	11.423	ng/ul 98
88) Benzo(b)fluoranthene	22.80	252	1979447	12.908	ng/ul 98
89) Benzo(k)fluoranthene	22.83	252	558233m	3.791	ng/ul
91) Benzo(a)pyrene	23.36	252	1439836	9.786	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.67	276	970518	5.545	ng/ul 99
93) Dibenzo(a,h)anthracene	25.67	278	269958	1.845	ng/ul# 91
94) Benzo(g,h,i)perylene	26.34	276	951440	6.602	ng/ul 99

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

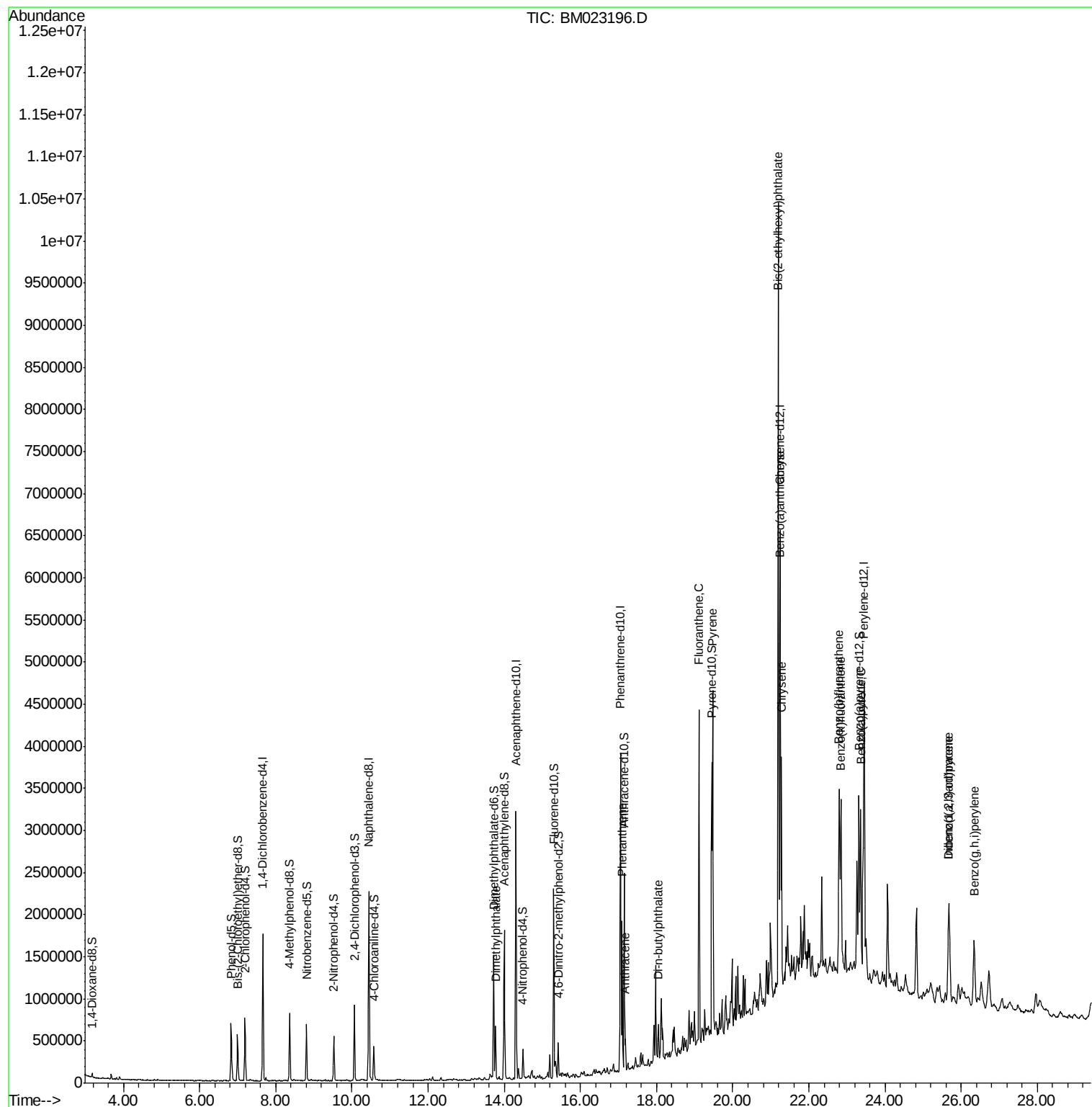
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023196.D
Acq On : 16 Oct 2019 18:33
Operator : JU
Sample : K5199-05DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

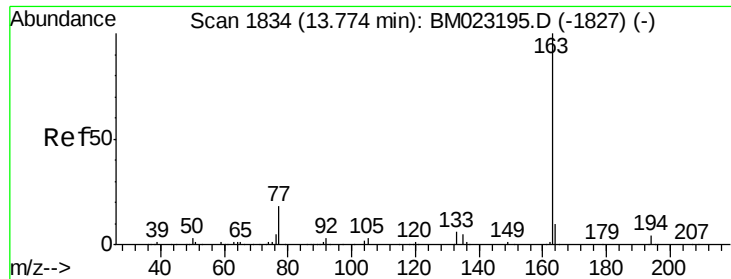
Instrument :
BNA_M
ClientSampled :
BEP72DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
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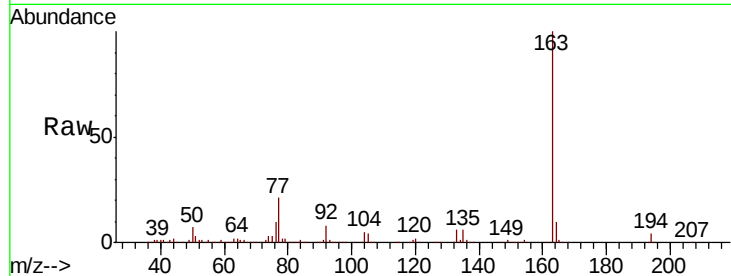
#45
Dimethylphthalate
Concen: 4.747 ng/ul
RT: 13.77 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BM023196.D
Acq: 16 Oct 2019 18:33

Instrument :
BNA_M
ClientSampleId :
BEP72DL

Tot Ion	Ratio	Resp	Lower	Upper
163	100	392410		
194	3.8		3.5	5.3
164	9.7		8.0	12.0

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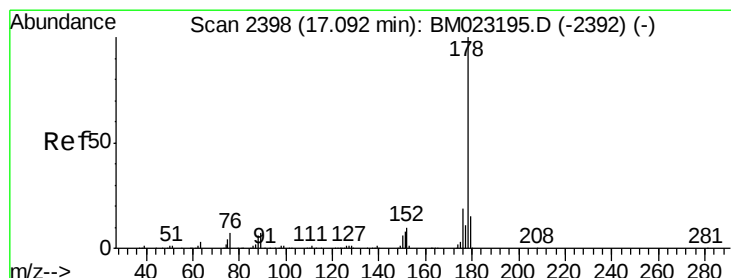
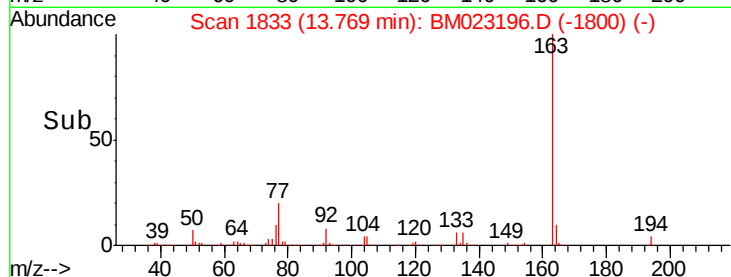
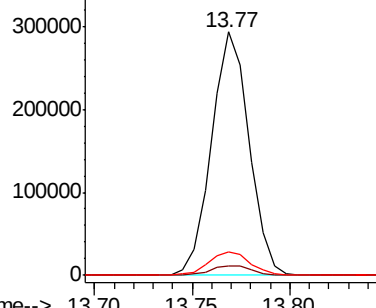


Abundance

Ion 163.00 (162.70 to 163.70): E

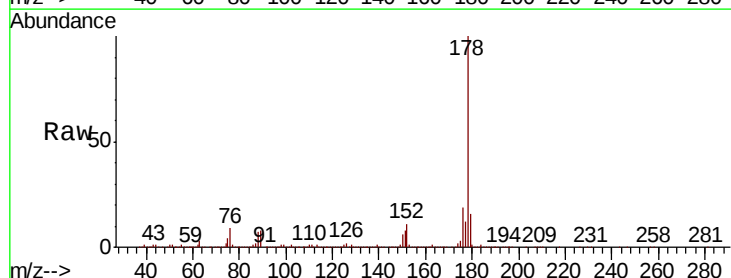
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#70
Phenanthrene
Concen: 8.879 ng/ul
RT: 17.09 min Scan# 2398
Delta R.T. 0.00 min
Lab File: BM023196.D
Acq: 16 Oct 2019 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1048000		
179	15.7		12.3	18.5
176	19.2		15.5	23.3

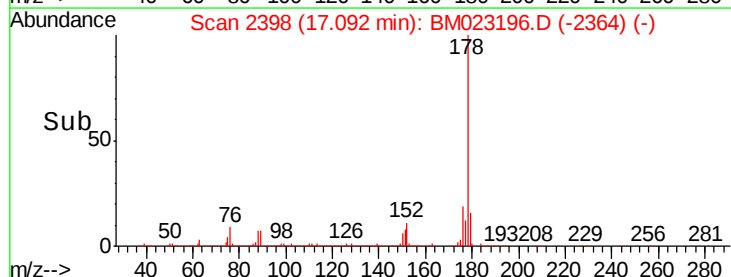
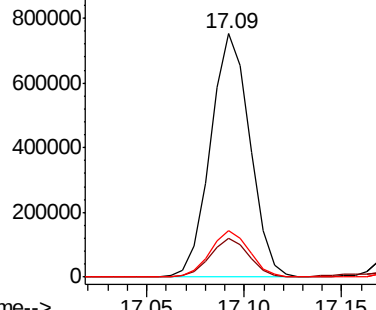


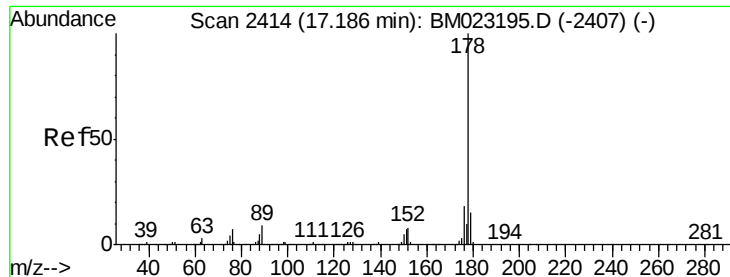
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.910 ng/ul

RT: 17.19 min Scan# 2414

Delta R.T. 0.00 min

Lab File: BM023196.D

Acq: 16 Oct 2019 18:33

Instrument :

BNA_M

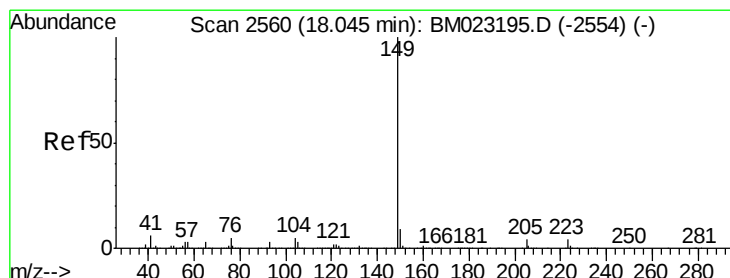
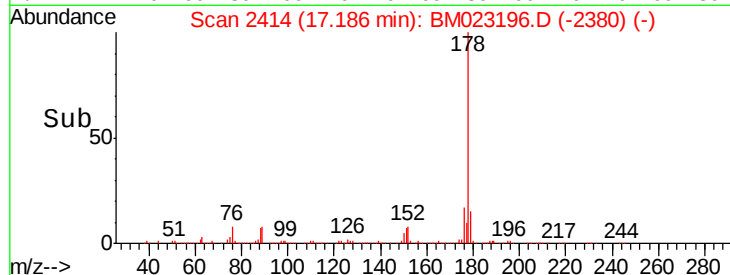
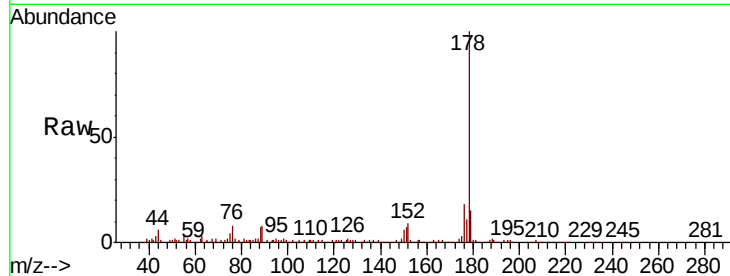
ClientSampled :

BEP72DL

Tot Ion:	178	Resp:	232960
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.3	18.5
176	17.6	15.0	22.4

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#76

Di-n-butylphthalate

Concen: 1.861 ng/ul

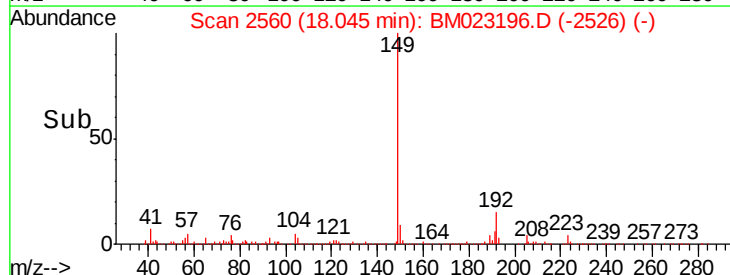
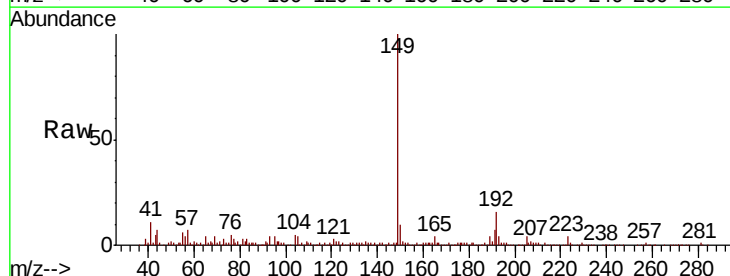
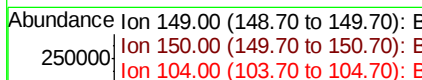
RT: 18.04 min Scan# 2560

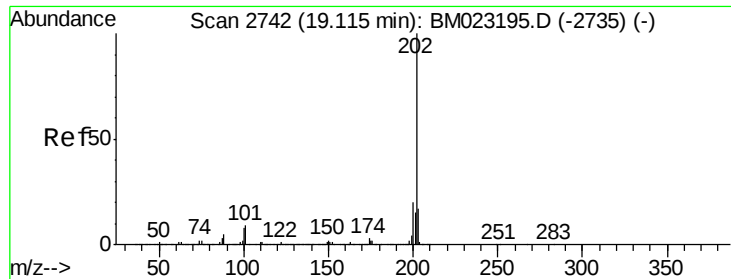
Delta R.T. 0.00 min

Lab File: BM023196.D

Acq: 16 Oct 2019 18:33

Tgt Ion:	149	Resp:	241337
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.0	10.4
104	4.9	4.0	6.0





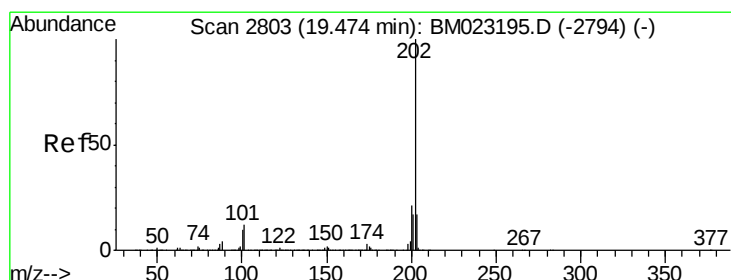
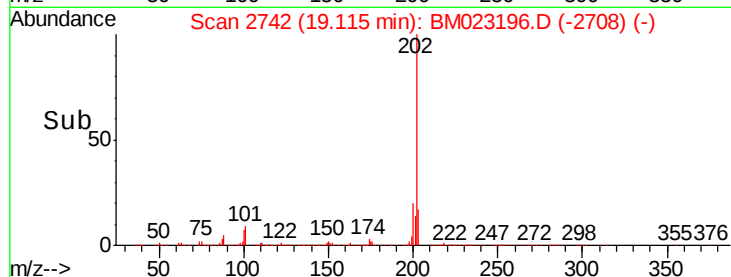
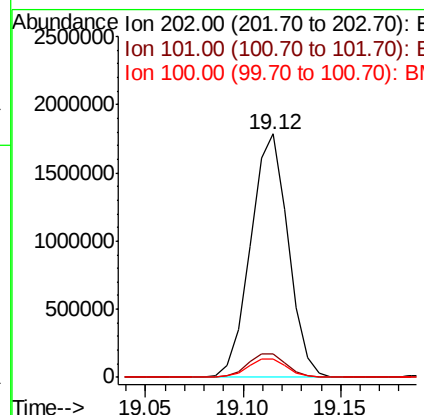
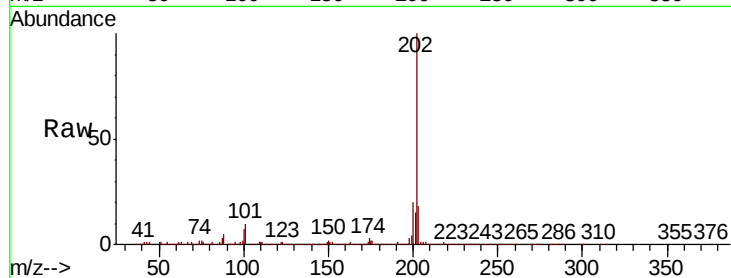
#77
 Fluoranthene
 Concen: 16.863 ng/ul
 RT: 19.12 min Scan# 2742
 Delta R.T. 0.00 min
 Lab File: BM023196.D
 Acq: 16 Oct 2019 18:33

Instrument :
 BNA_M
 ClientSampleId :
 BEP72DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.8	11.8
100	7.4	6.1	9.1

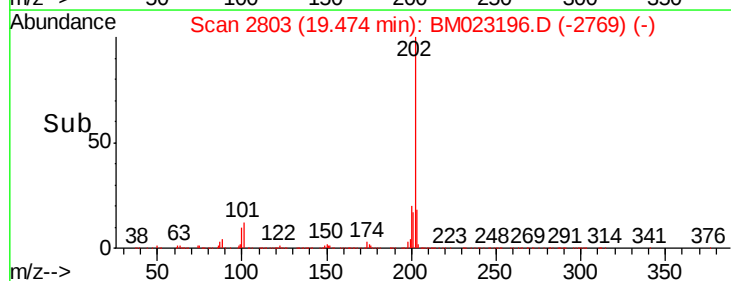
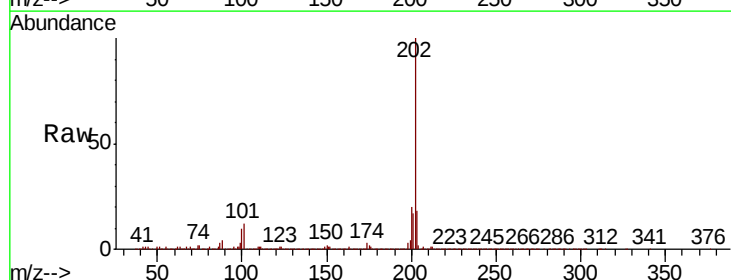
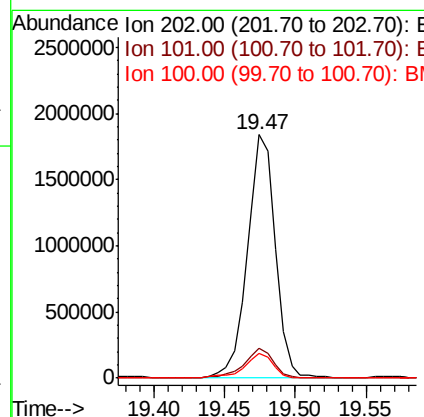
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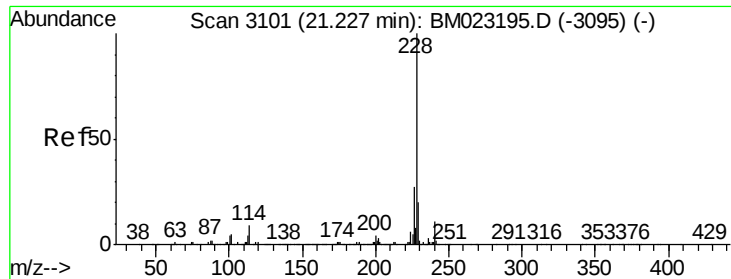
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#80
 Pyrene
 Concen: 19.465 ng/ul
 RT: 19.47 min Scan# 2803
 Delta R.T. 0.00 min
 Lab File: BM023196.D
 Acq: 16 Oct 2019 18:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.1	13.7
100	10.0	7.5	11.3





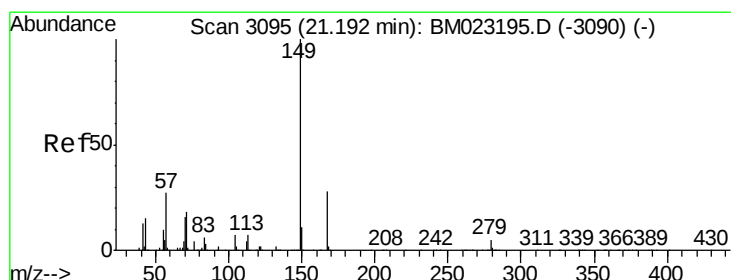
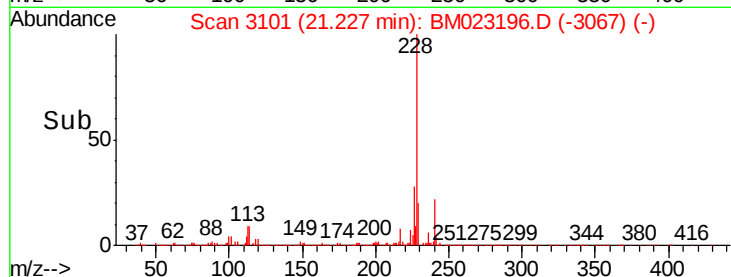
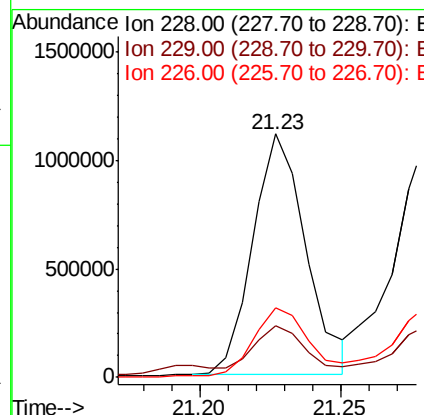
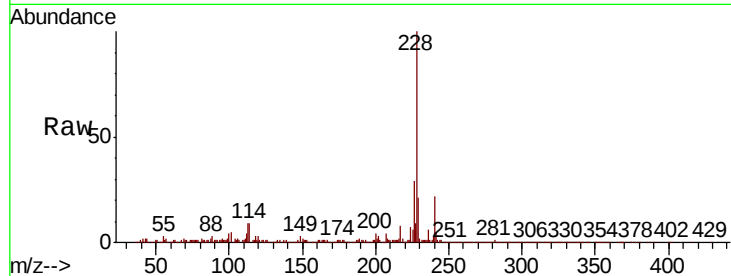
#83
Benzo(a)anthracene
Concen: 10.244 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BM023196.D
Acq: 16 Oct 2019 18:33

Instrument :
BNA_M
ClientSampleId :
BEP72DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.7	23.5
226	28.5	21.6	32.4

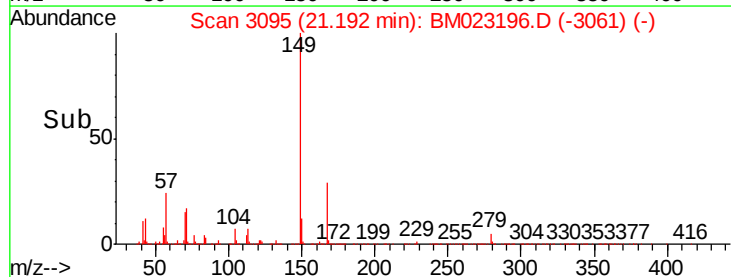
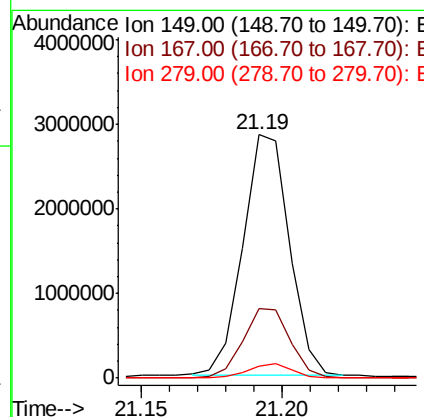
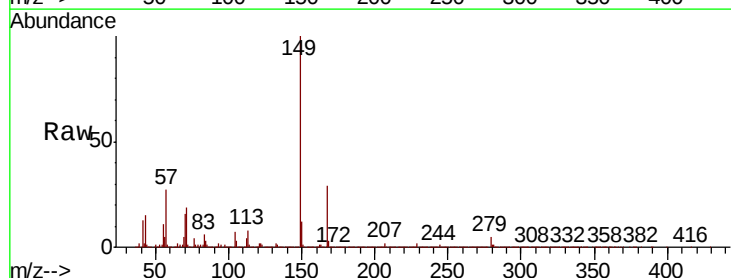
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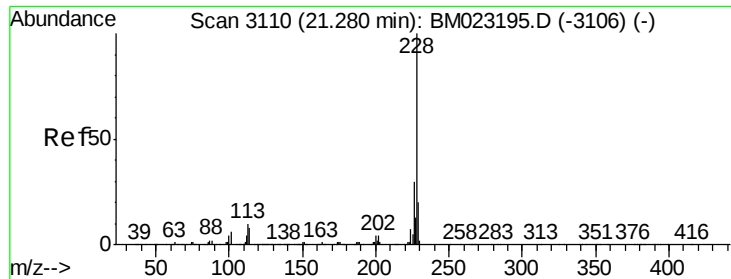
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.071 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BM023196.D
Acq: 16 Oct 2019 18:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.5	33.7
279	5.1	4.0	6.0





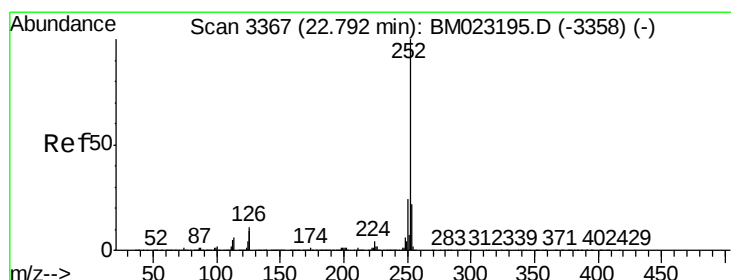
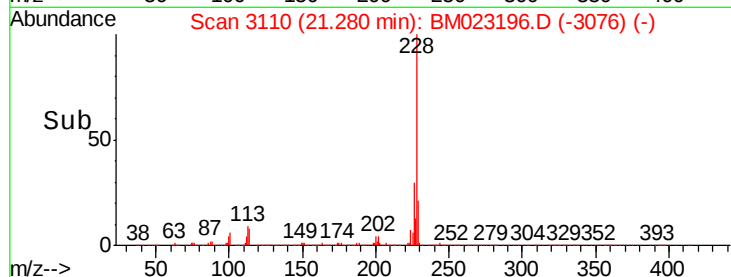
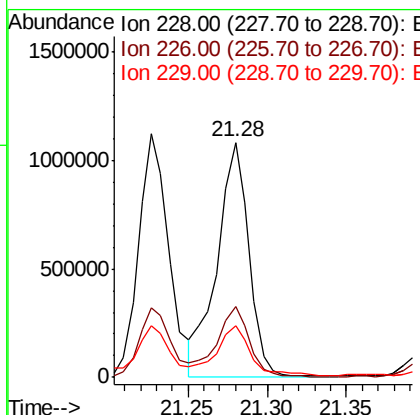
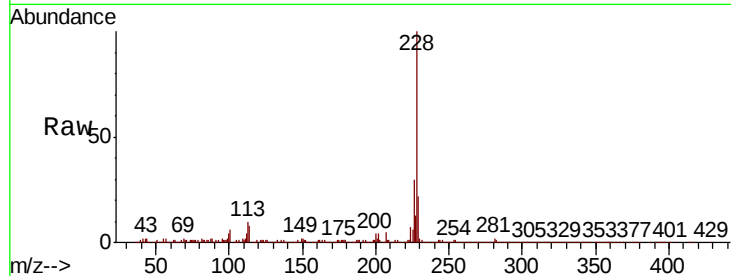
#85
Chrysene
Concen: 11.423 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BM023196.D
Acq: 16 Oct 2019 18:33

Instrument :
BNA_M
ClientSampleID :
BEP72DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	21.7	15.5	23.3

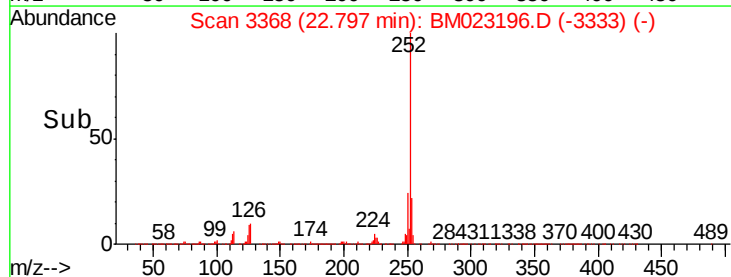
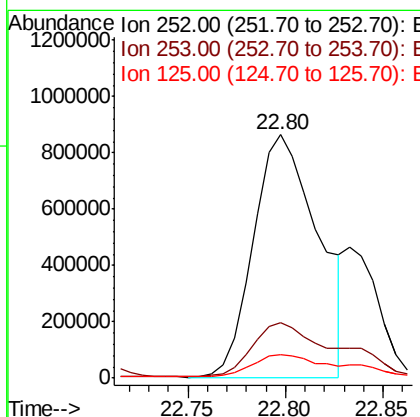
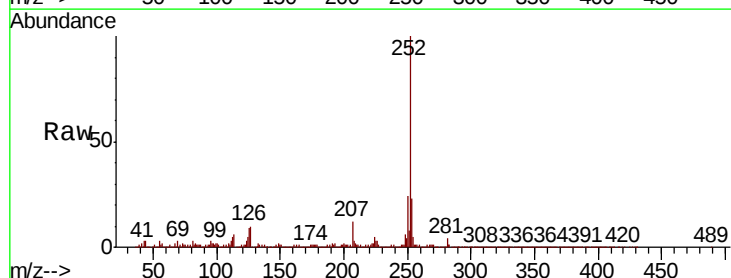
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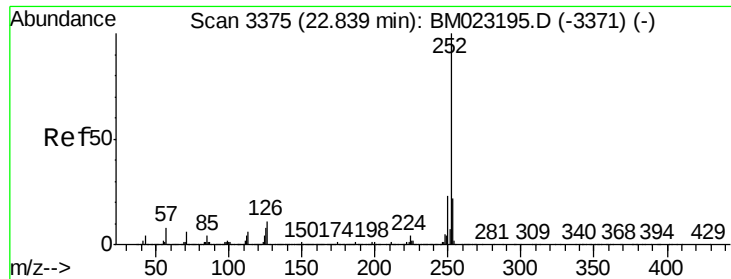
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#88
Benzo(b)fluoranthene
Concen: 12.908 ng/ul
RT: 22.80 min Scan# 3368
Delta R.T. 0.01 min
Lab File: BM023196.D
Acq: 16 Oct 2019 18:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	9.5	6.4	9.6





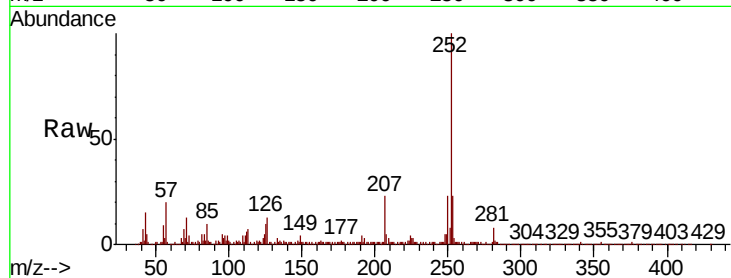
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Benzo(k)fluoranthene
Concen: 3.791 ng/ul m
RT: 22.83 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BM023196.D
Acq: 16 Oct 2019 18:33

Instrument :
BNA_M
ClientSampleId :
BEP72DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	558233		
253	22.9	17.4	26.0	
125	9.8	6.5	9.7#	

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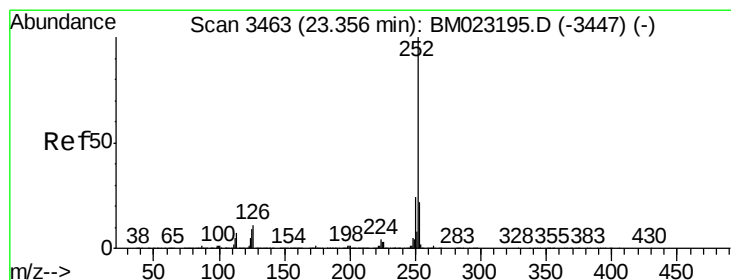
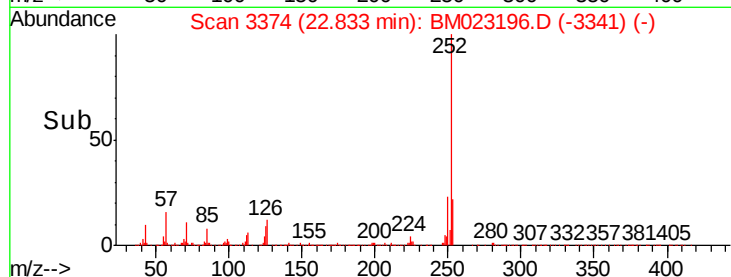
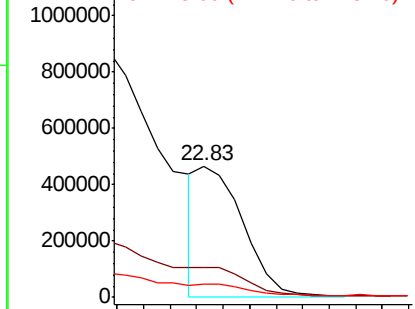


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Benzo(a)pyrene
Concen: 9.786 ng/ul
RT: 23.36 min Scan# 3463
Delta R.T. 0.00 min
Lab File: BM023196.D
Acq: 16 Oct 2019 18:33

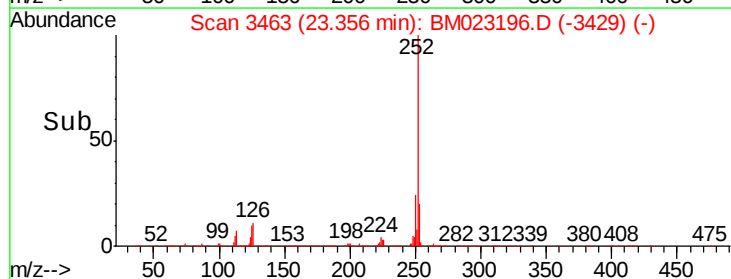
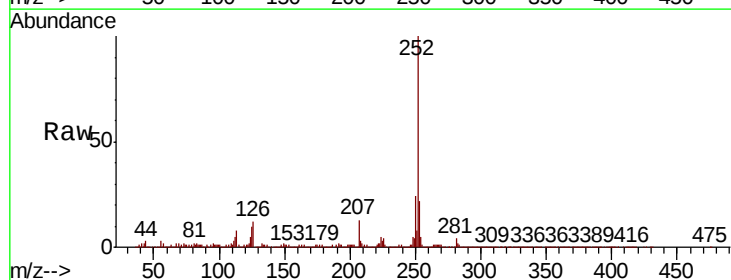
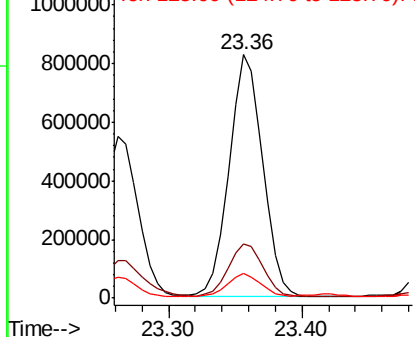
Tgt Ion	Ratio	Resp	Lower	Upper
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253	22.5	17.2	25.8	
125	10.2	7.4	11.0	

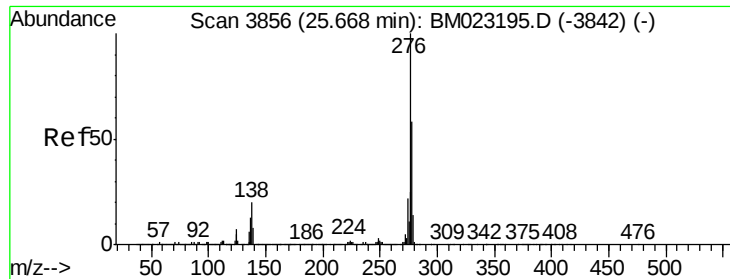
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





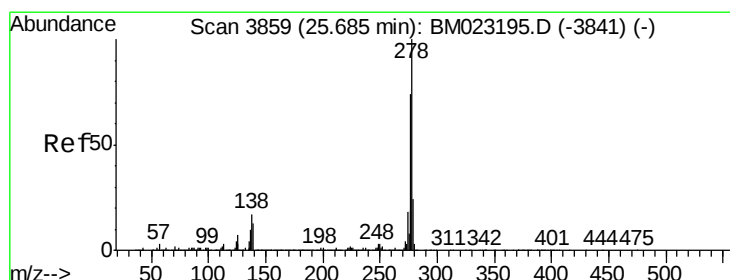
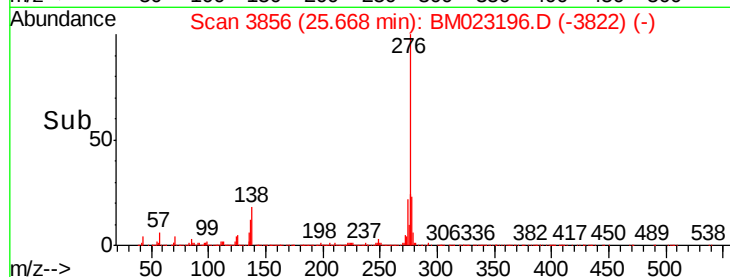
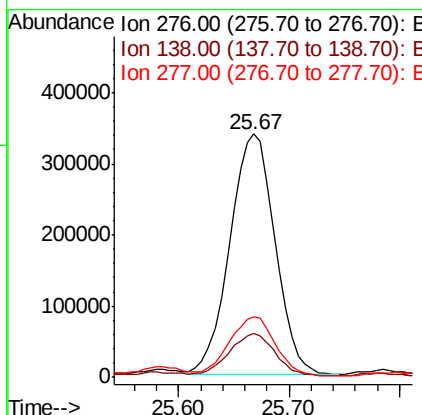
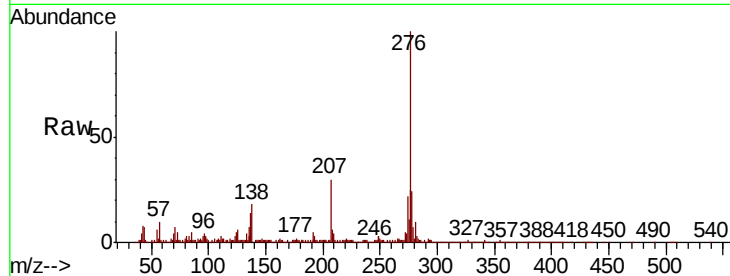
#92
Indeno(1,2,3-cd)pyrene
Concen: 5.545 ng/ul
RT: 25.67 min Scan# 3856
Delta R.T. 0.00 min
Lab File: BM023196.D
Acq: 16 Oct 2019 18:33

Instrument :
BNA_M
ClientSampleId :
BEP72DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.2	14.9	22.3
277	25.0	19.8	29.8

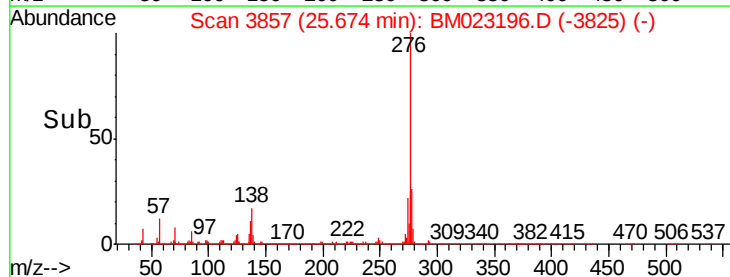
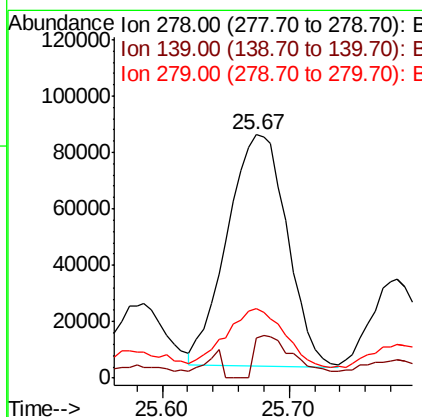
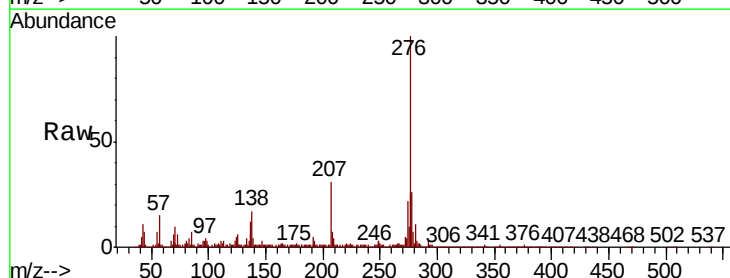
Manual Integrations
APPROVED

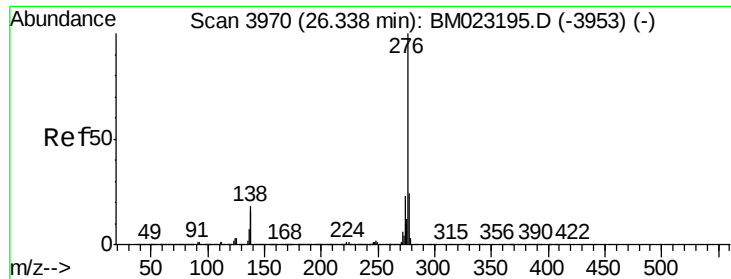
mohammad
10/18/2019 8:26:50 AM



#93
Dibenzo(a,h)anthracene
Concen: 1.845 ng/ul
RT: 25.67 min Scan# 3857
Delta R.T. -0.01 min
Lab File: BM023196.D
Acq: 16 Oct 2019 18:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.4	10.0	15.0#
279	28.6	19.4	29.0





#94

Benzo(a,h,i)perylene

Concen: 6.602 ng/ul

RT: 26.34 min Scan# 3970

Delta R.T. 0.00 min

Lab File: BM023196.D

Acq: 16 Oct 2019 18:33

Instrument :

BNA_M

ClientSampleId :

BEP72DL

Tot Ion:	276	Resp:	951440
Ion Ratio	Lower	Upper	
276	100		
138	18.9	14.4	21.6
277	24.2	19.4	29.2

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:50 AM

