

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
 Data File : BM023198.D
 Acq On : 16 Oct 2019 19:45
 Operator : JU
 Sample : K5199-09DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP76DL

Manual Integrations
 APPROVED

mohammad
 10/18/2019 8:26:56 AM

Quant Time: Oct 17 05:09:16 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	472634	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1893730	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	1107739	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2107439	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1983047	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	2415096	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	8802	0.82	ng/uL	0.00
5) Phenol-d5	6.83	99	139693	3.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	94101	4.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	123843	3.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	100974	3.05	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	56180	4.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	53473	4.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	117934	3.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	67232	1.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	364551	4.29	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	435692	4.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	18984	1.38	ng/ul	0.00
58) Fluorene-d10	15.30	176	314921	4.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	20306	2.43	ng/ul	0.00
71) Anthracene-d10	17.15	188	468709	4.61	ng/ul	0.00
79) Pyrene-d10	19.44	212	512060	5.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	575357	4.70	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	13.77	163	101042	1.189 ng/ul	99
70) Phenanthrene	17.09	178	469639	3.971 ng/ul	99
76) Di-n-butylphthalate	18.04	149	137037	1.055 ng/ul	97
77) Fluoranthene	19.12	202	1103793	7.847 ng/ul	100
80) Pyrene	19.47	202	1092899	8.797 ng/ul	97
83) Benzo(a)anthracene	21.23	228	610672	4.545 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.19	149	1325948	19.299 ng/ul	99
85) Chrysene	21.28	228	648581	5.198 ng/ul	98
88) Benzo(b)fluoranthene	22.80	252	900746	6.151 ng/ul#	98
89) Benzo(k)fluoranthene	22.83	252	249920m	1.777 ng/ul	
91) Benzo(a)pyrene	23.36	252	625555	4.453 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.66	276	458451	2.743 ng/ul	99
94) Benzo(g,h,i)perylene	26.34	276	446012	3.241 ng/ul	99

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

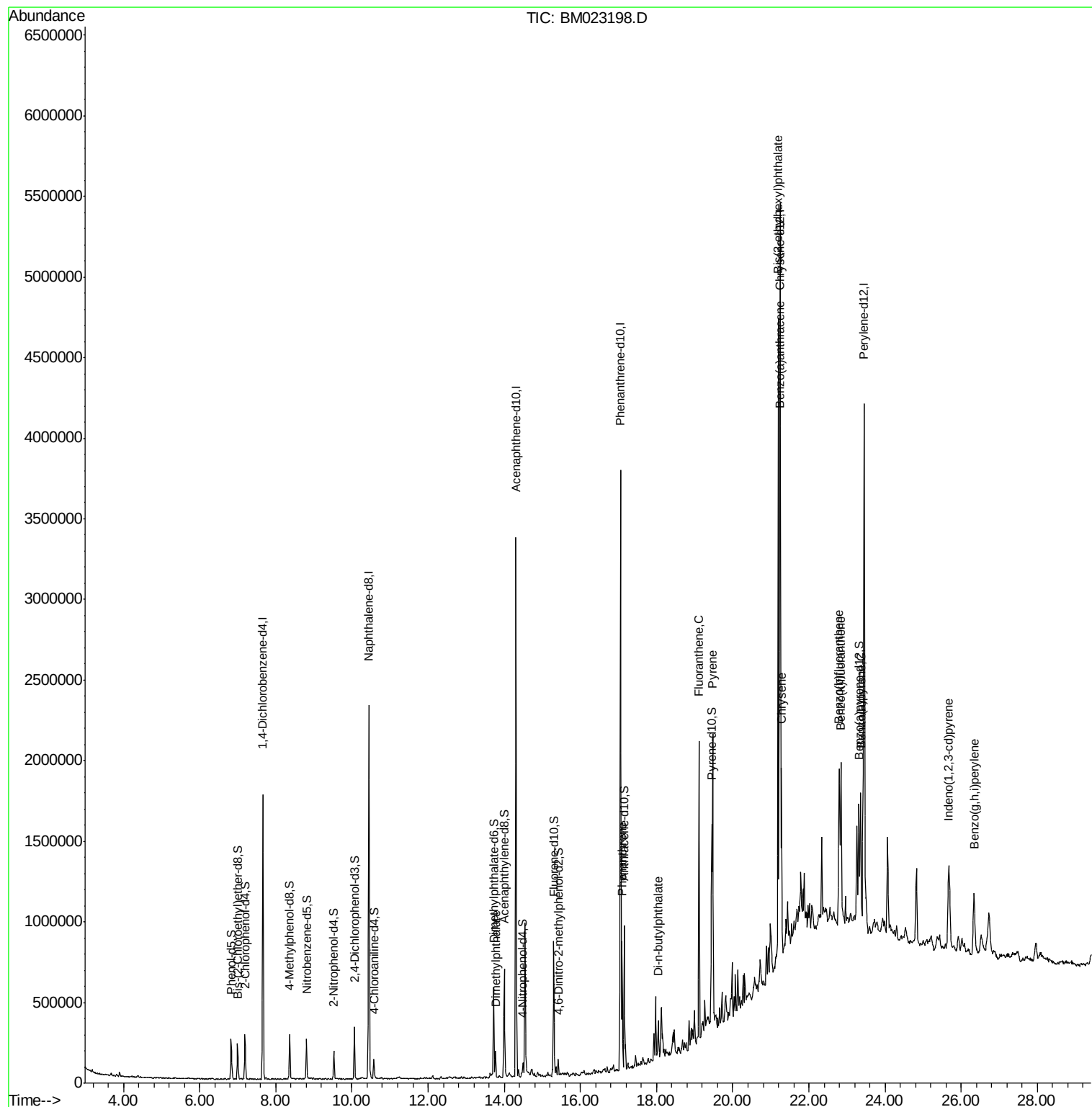
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023198.D
Acq On : 16 Oct 2019 19:45
Operator : JU
Sample : K5199-09DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

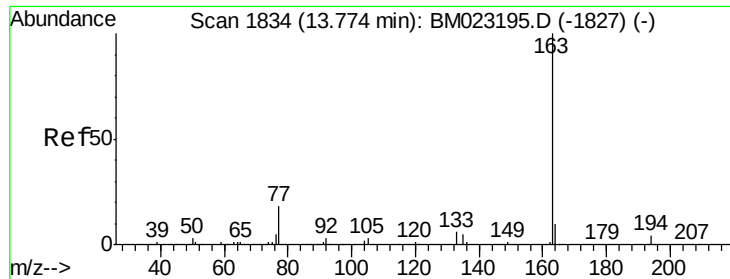
Instrument :
BNA_M
ClientSampleId :
BEP76DL

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Quant Time: Oct 17 05:09:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





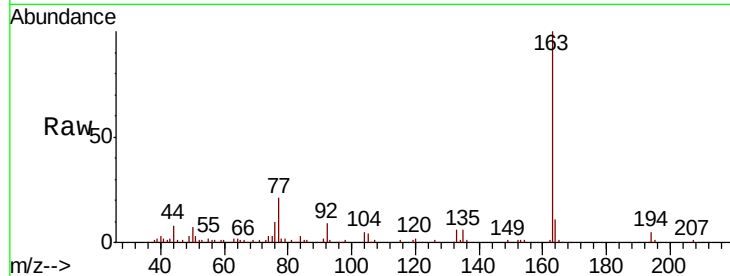
#45
Dimethylphthalate
Concen: 1.189 ng/ul
RT: 13.77 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BM023198.D
Acq: 16 Oct 2019 19:45

Instrument :
BNA_M
ClientSampleID :
BEP76DL

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.5	8.0	12.0

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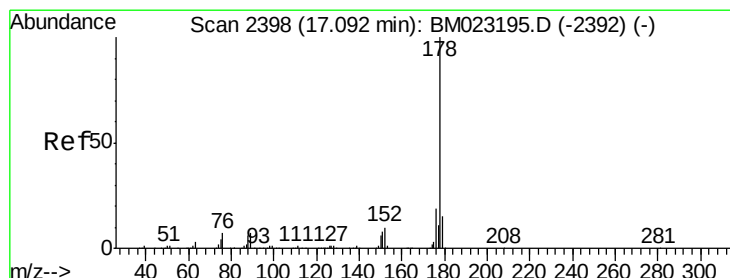
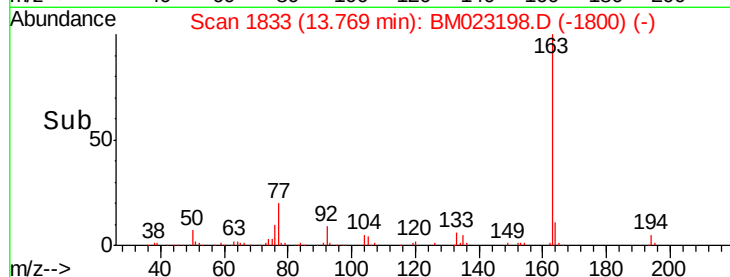
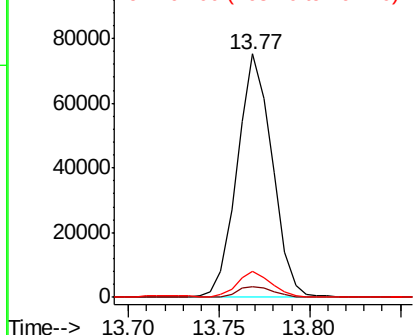


Abundance

Ion 163.00 (162.70 to 163.70): E

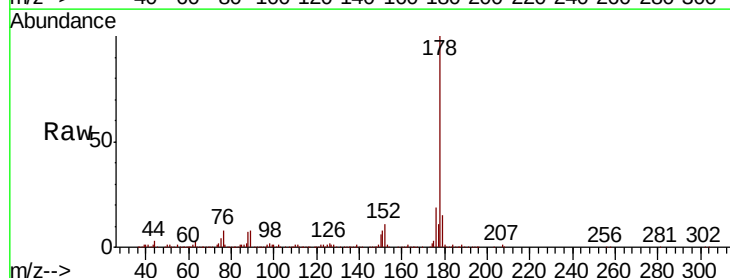
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#70
Phenanthrene
Concen: 3.971 ng/ul
RT: 17.09 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BM023198.D
Acq: 16 Oct 2019 19:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.9	15.5	23.3

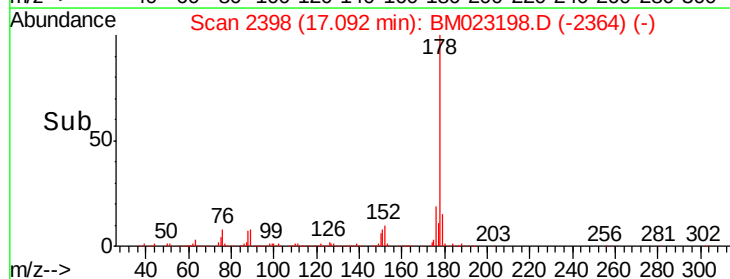
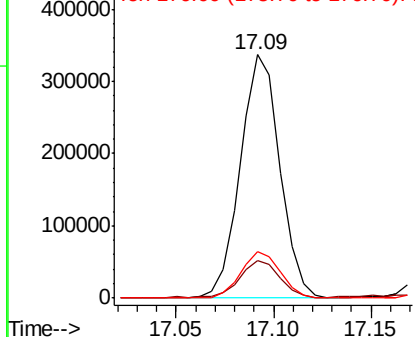


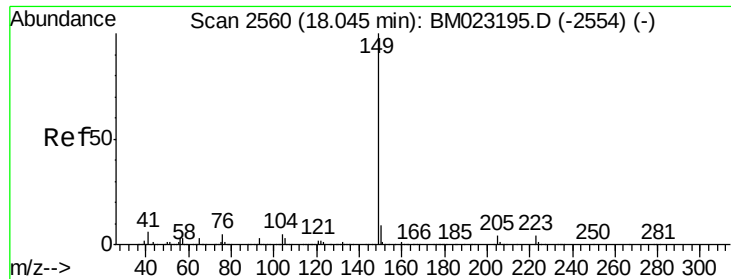
Abundance

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





#76

Di-n-butylphthalate

Concen: 1.055 ng/ul

RT: 18.04 min Scan# 2560

Delta R.T. -0.00 min

Lab File: BM023198.D

Acq: 16 Oct 2019 19:45

Instrument :

BNA_M

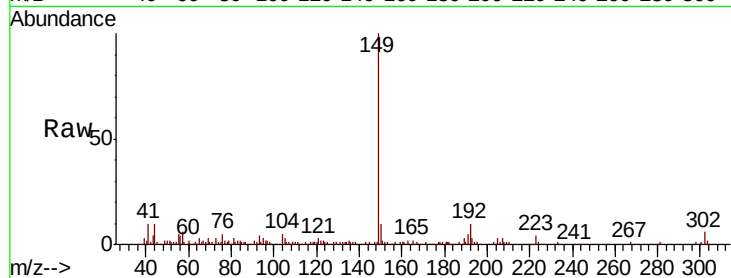
ClientSampleId :

BEP76DL

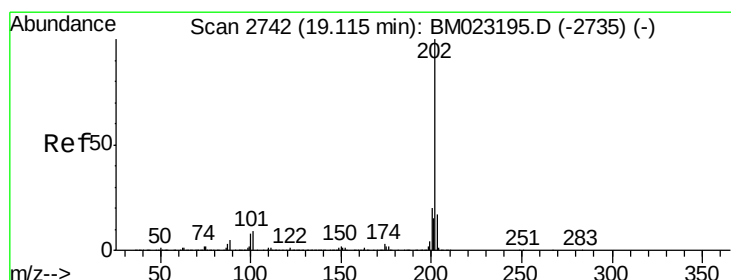
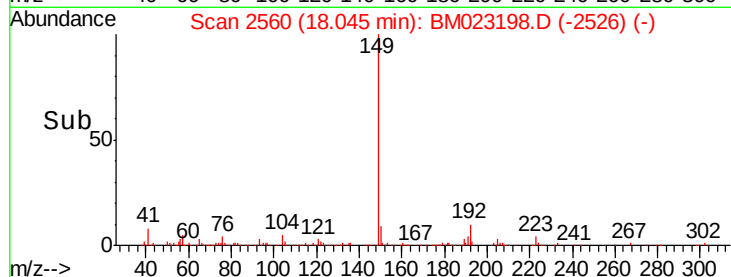
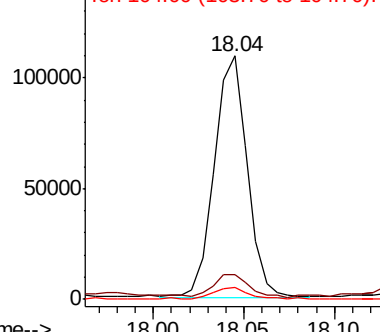
Tot Ion:	149	Resp:	137037
Ion Ratio	Lower	Upper	
149	100		
150	10.1	7.0	10.4
104	5.0	4.0	6.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#77

Fluoranthene

Concen: 7.847 ng/ul

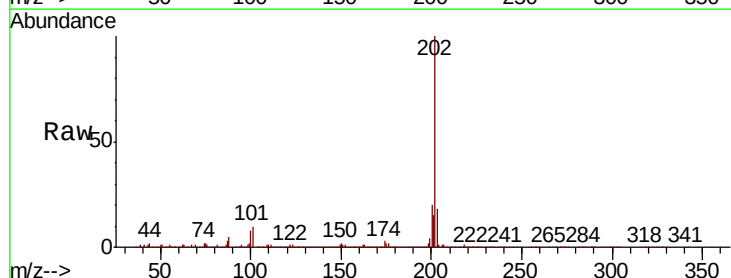
RT: 19.12 min Scan# 2742

Delta R.T. -0.00 min

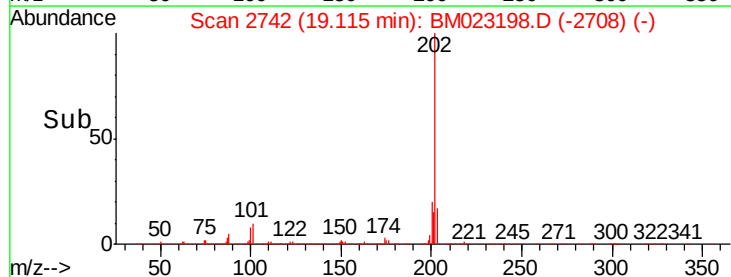
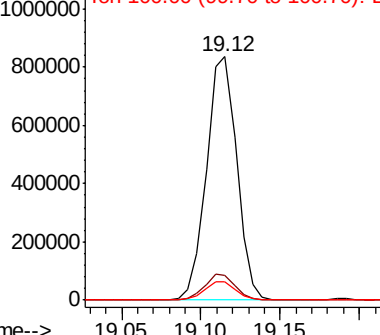
Lab File: BM023198.D

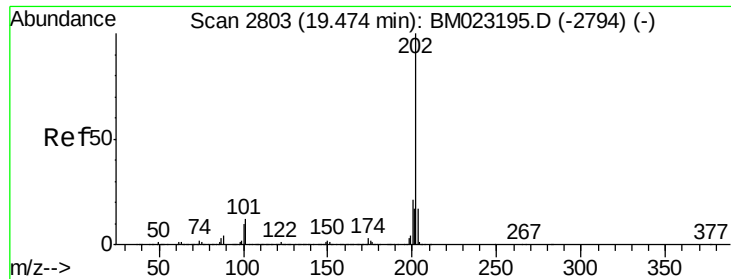
Acq: 16 Oct 2019 19:45

Tgt Ion:	202	Resp:	1103793
Ion Ratio	Lower	Upper	
202	100		
101	9.9	7.8	11.8
100	7.6	6.1	9.1



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): E





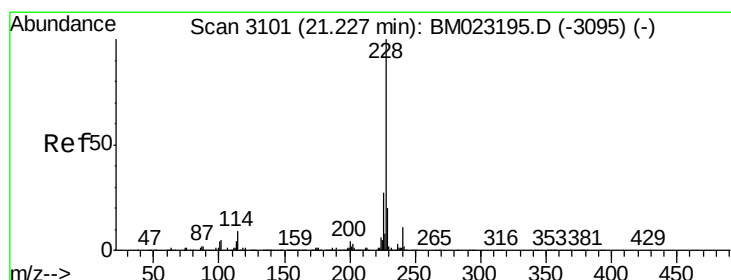
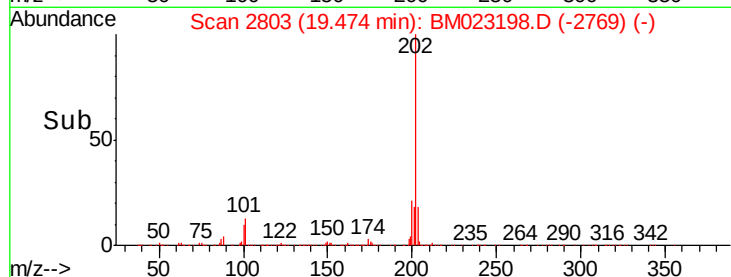
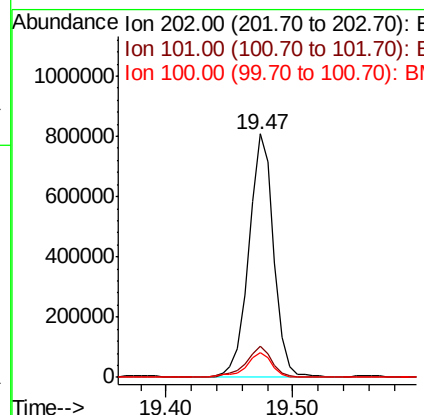
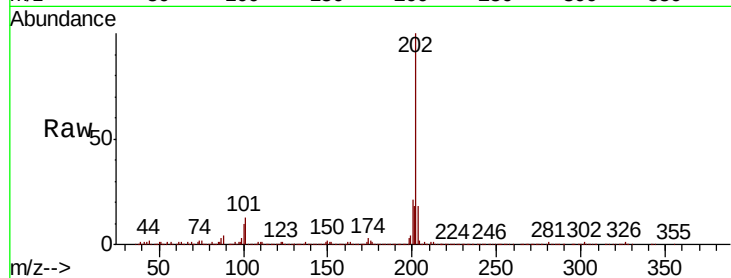
#80
Pvrene
Concen: 8.797 ng/ul
RT: 19.47 min Scan# 2803
Delta R.T. -0.00 min
Lab File: BM023198.D
Acq: 16 Oct 2019 19:45

Instrument :
BNA_M
ClientSampled :
BEP76DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.1	13.7
100	10.3	7.5	11.3

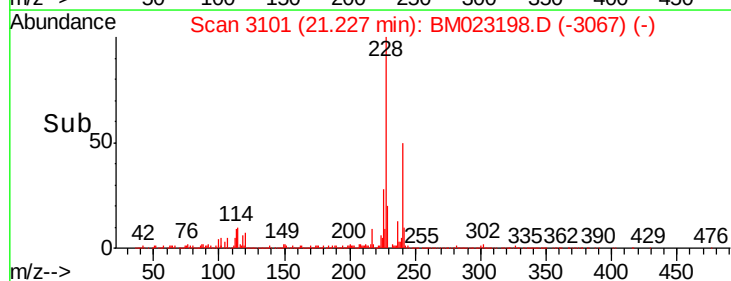
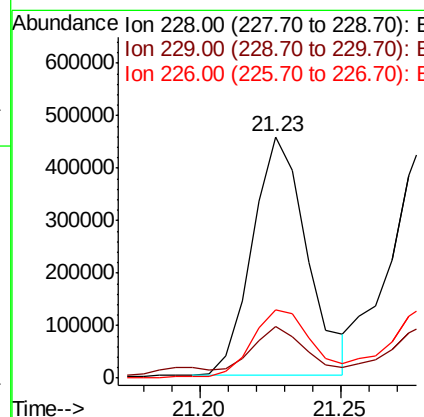
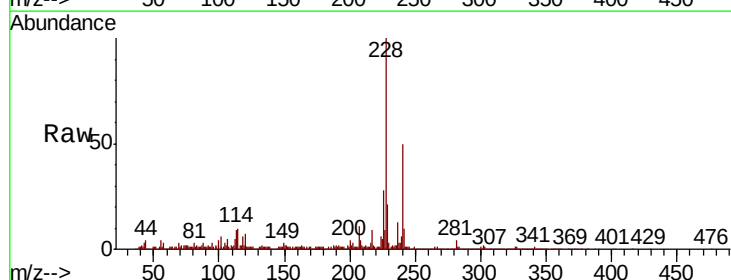
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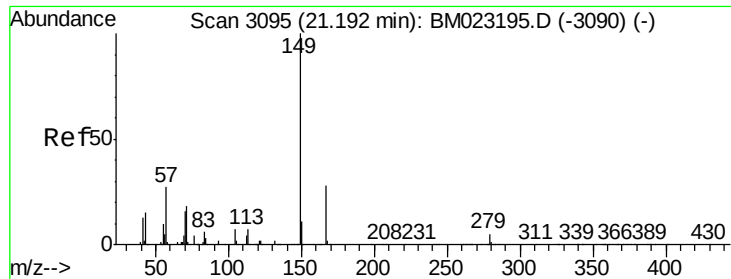
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#83
Benzo(a)anthracene
Concen: 4.545 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BM023198.D
Acq: 16 Oct 2019 19:45

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.7	23.5
226	28.1	21.6	32.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 19.299 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BM023198.D

Acq: 16 Oct 2019 19:45

Instrument :

BNA_M

ClientSampleId :

BEP76DL

Tot Ion:149 Resp: 1325948

Ion Ratio Lower Upper

149 100

167 27.8 22.5 33.7

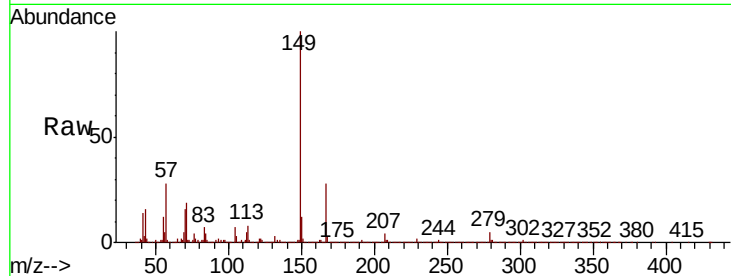
279 4.8 4.0 6.0

Manual Integrations

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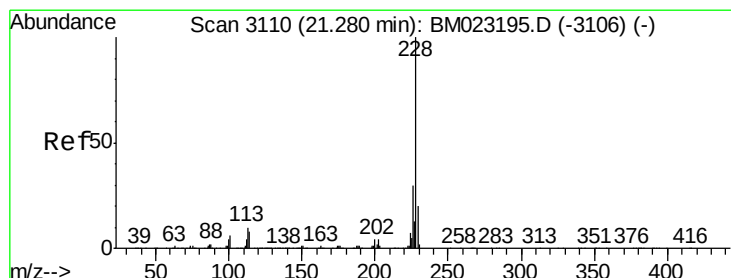
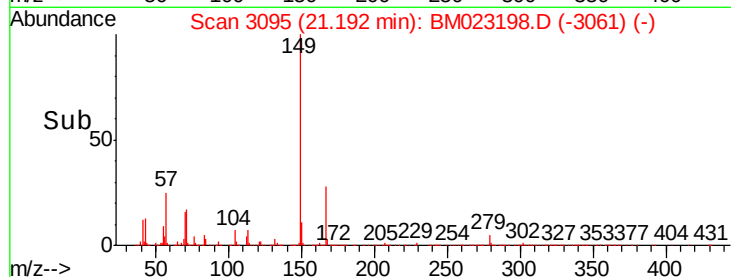
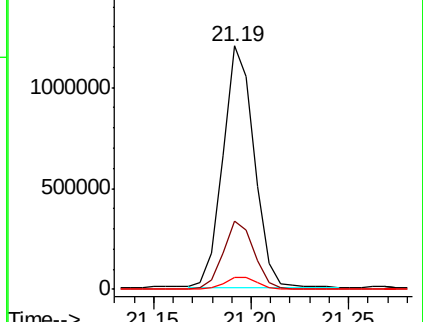
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 5.198 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BM023198.D

Acq: 16 Oct 2019 19:45

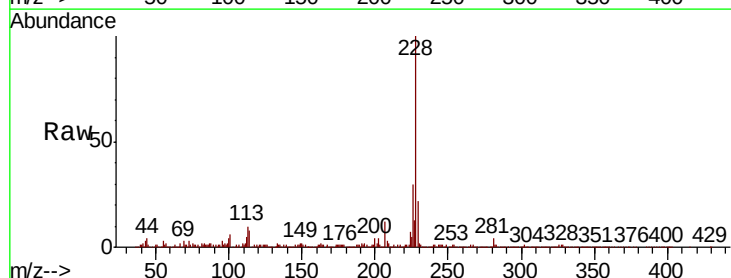
Tgt Ion:228 Resp: 648581

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.6

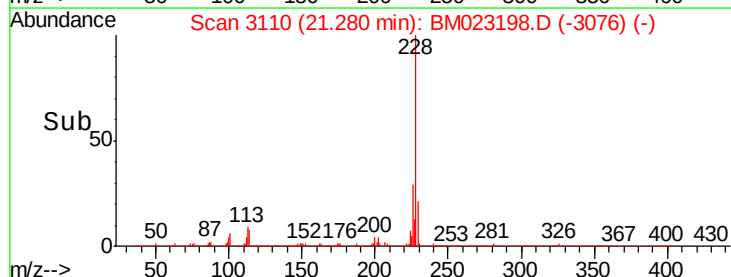
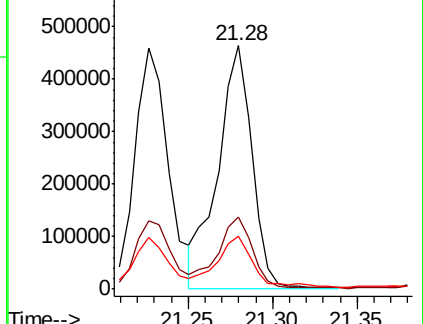
229 21.7 15.5 23.3

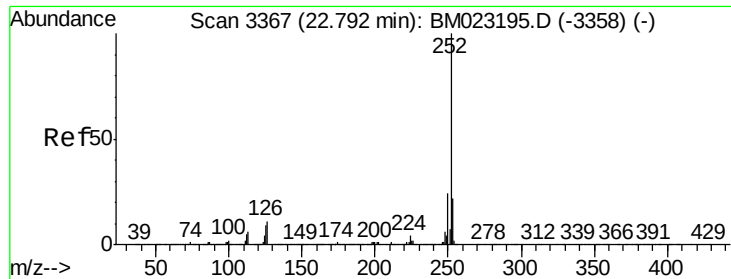


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





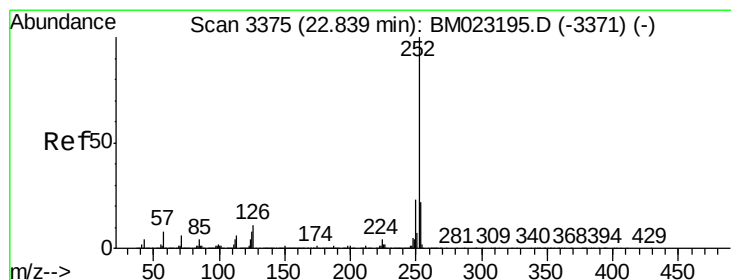
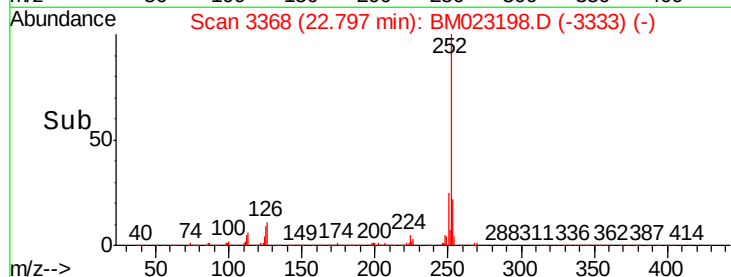
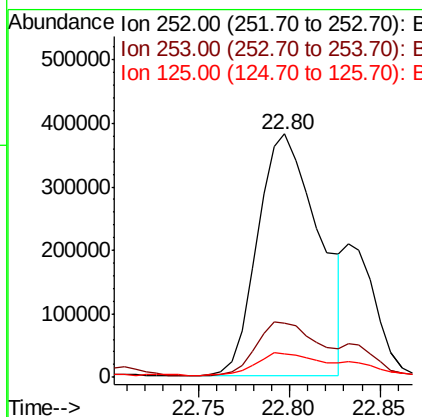
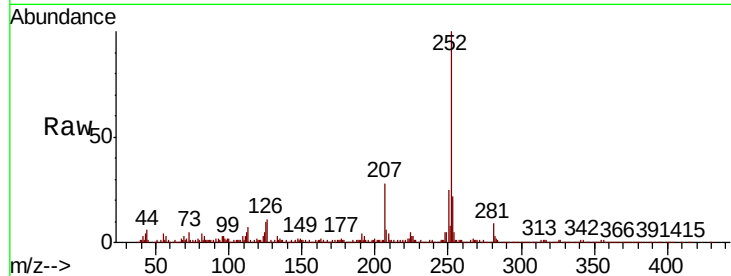
#88
Benzo(b)fluoranthene
Concen: 6.151 ng/ul
RT: 22.80 min Scan# 3368
Delta R.T. 0.01 min
Lab File: BM023198.D
Acq: 16 Oct 2019 19:45

Instrument :
BNA_M
ClientSampled :
BEP76DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	9.7	6.4	9.6#

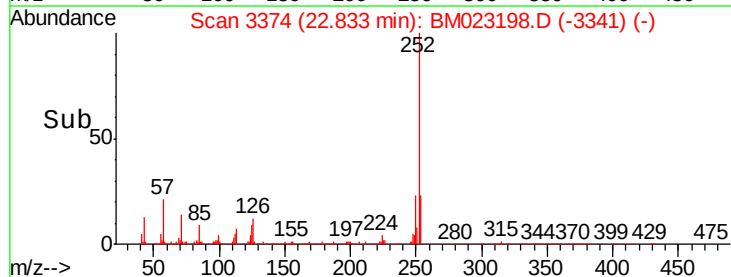
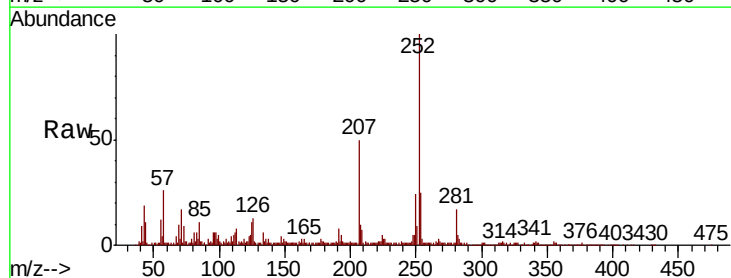
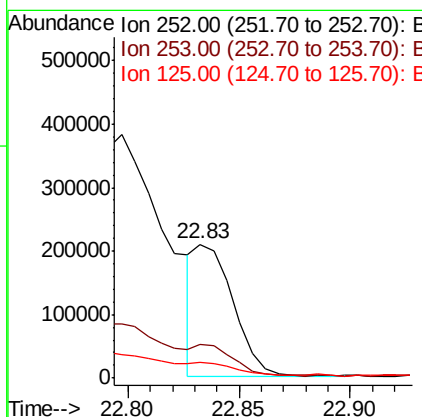
Manual Integrations
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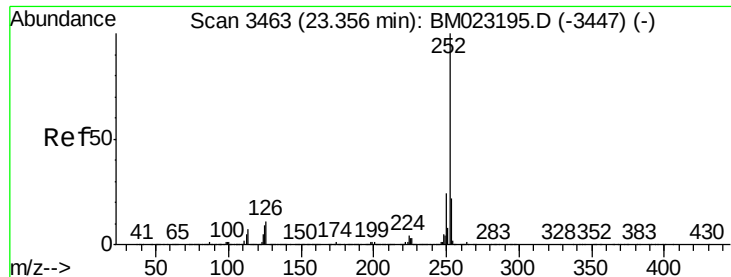
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#89
Benzo(k)fluoranthene
Concen: 1.777 ng/ul m
RT: 22.83 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BM023198.D
Acq: 16 Oct 2019 19:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.4	26.0
125	11.3	6.5	9.7#





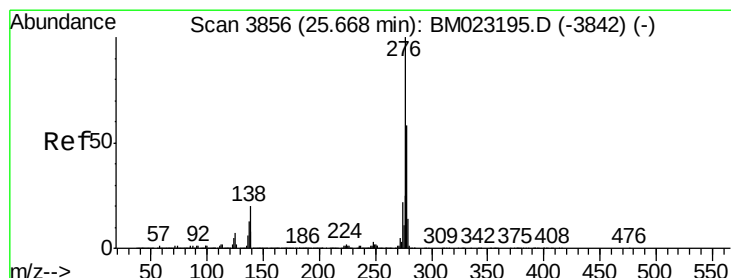
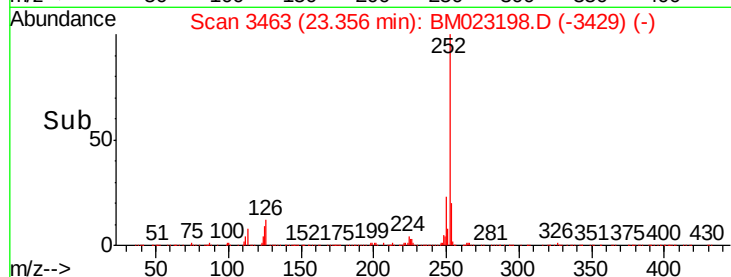
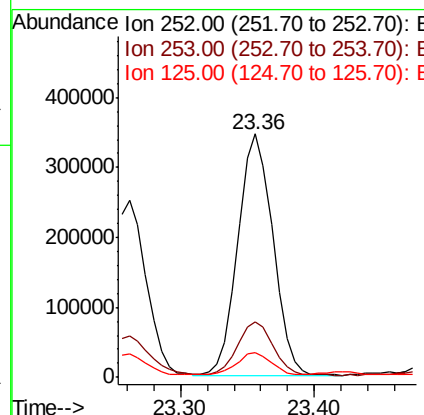
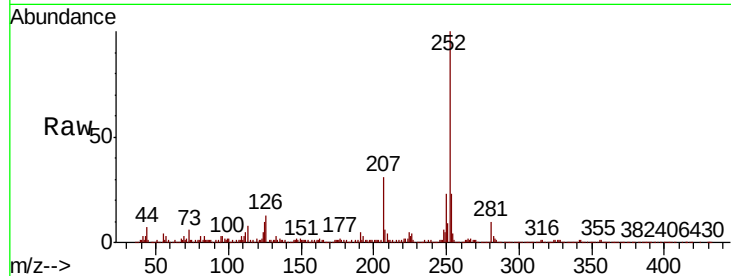
#91
Benzo(a)pyrene
Concen: 4.453 ng/ul
RT: 23.36 min Scan# 3463
Delta R.T. -0.00 min
Lab File: BM023198.D
Acq: 16 Oct 2019 19:45

Instrument :
BNA_M
ClientSampleID :
BEP76DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	10.4	7.4	11.0

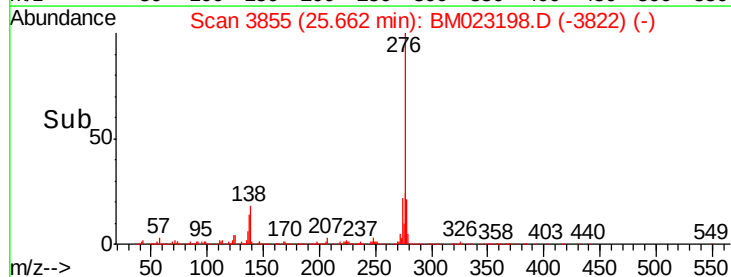
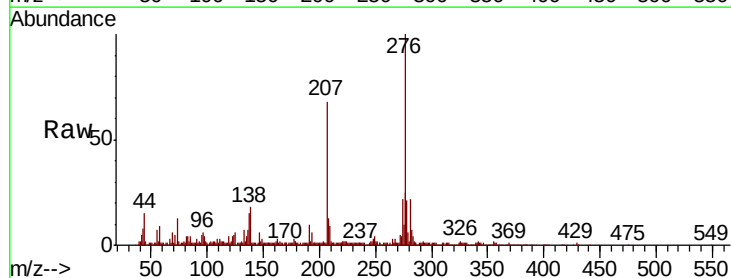
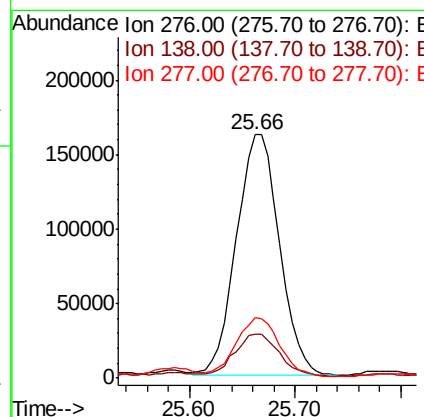
Manual Integrations
APPROVED

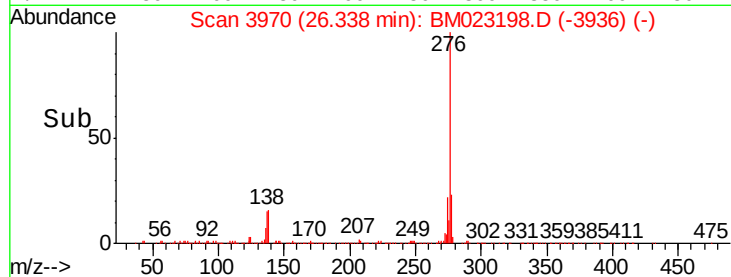
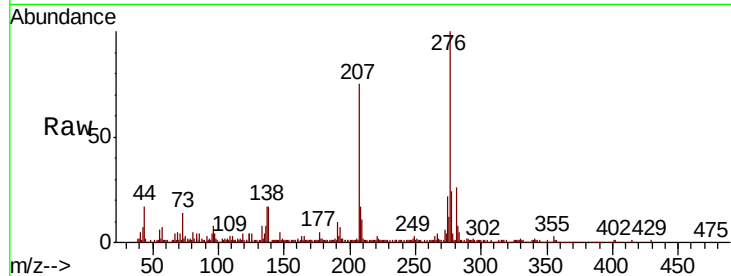
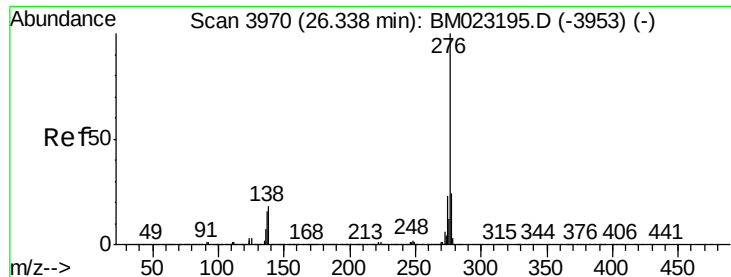
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#92
Indeno(1,2,3-cd)pyrene
Concen: 2.743 ng/ul
RT: 25.66 min Scan# 3855
Delta R.T. -0.01 min
Lab File: BM023198.D
Acq: 16 Oct 2019 19:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.9	14.9	22.3
277	24.9	19.8	29.8





#94

Benzo(a,h,i)perylene

Concen: 3.241 ng/ul

RT: 26.34 min Scan# 3970

Delta R.T. -0.00 min

Lab File: BM023198.D

Acq: 16 Oct 2019 19:45

Instrument :

BNA_M

ClientSampleId :

BEP76DL

Tot Ion:	276	Resp:	446012
Ion Ratio	Lower	Upper	
276	100		
138	17.0	14.4	21.6
277	23.9	19.4	29.2

Manual Integrations
APPROVED

mohammad
10/18/2019 8:26:56 AM

