

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
 Data File : BM023199.D
 Acq On : 16 Oct 2019 20:21
 Operator : JU
 Sample : K5199-12DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP79DL

Manual Integrations
 APPROVED

mohammad
 10/18/2019 8:27:01 AM

Quant Time: Oct 17 11:45:07 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	485297	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1944063	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	1103699	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2069856	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1975351	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2410838	20.00	ng/ul	0.00

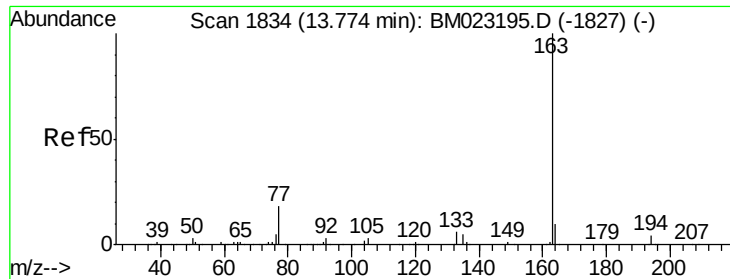
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	8918	0.81	ng/uL	0.00
5) Phenol-d5	6.83	99	141230	3.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	101168	4.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	121502	3.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	100478	2.96	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	60029	4.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	54959	4.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	123106	3.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	60508	1.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	379812	4.49	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	461222	4.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	21855	1.60	ng/ul	0.00
58) Fluorene-d10	15.30	176	336507	4.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	20432	2.49	ng/ul	0.00
71) Anthracene-d10	17.15	188	494276	4.95	ng/ul	0.00
79) Pyrene-d10	19.44	212	521122	5.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	603610	4.94	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	13.77	163	132097	1.560	ng/ul 100
70) Phenanthrene	17.09	178	634969	5.466	ng/ul 99
72) Anthracene	17.19	178	147750	1.231	ng/ul 98
76) Di-n-butylphthalate	18.04	149	2220617	17.402	ng/ul 99
77) Fluoranthene	19.12	202	1354306	9.803	ng/ul 100
80) Pyrene	19.47	202	1428692	11.545	ng/ul 99
83) Benzo(a)anthracene	21.23	228	850901	6.357	ng/ul 96
84) Bis(2-ethylhexyl)phthalate	21.19	149	1938098	28.319	ng/ul 100
85) Chrysene	21.28	228	853992	6.872	ng/ul 98
88) Benzo(b)fluoranthene	22.80	252	1059790	7.250	ng/ul 99
89) Benzo(k)fluoranthene	22.83	252	409378m	2.917	ng/ul
91) Benzo(a)pyrene	23.36	252	847184	6.041	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.67	276	573527	3.438	ng/ul 99
93) Dibenzo(a,h)anthracene	25.67	278	154207	1.105	ng/ul# 85
94) Benzo(g,h,i)perylene	26.34	276	433018	3.152	ng/ul 99

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



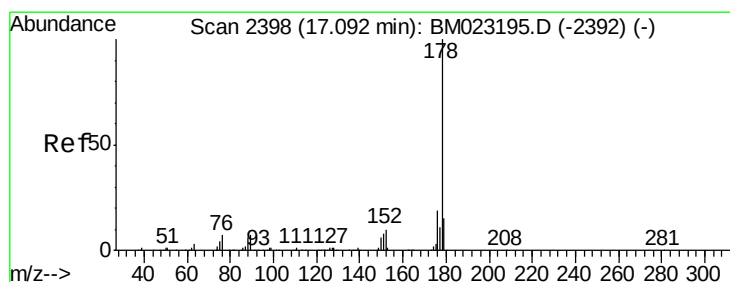
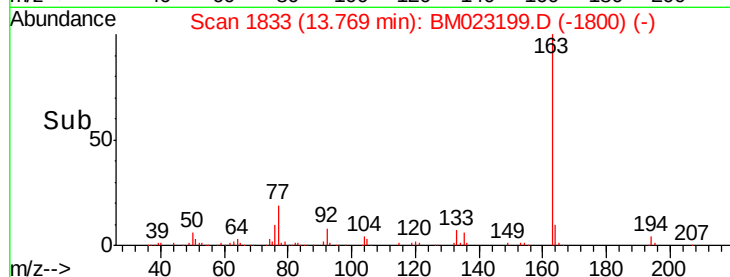
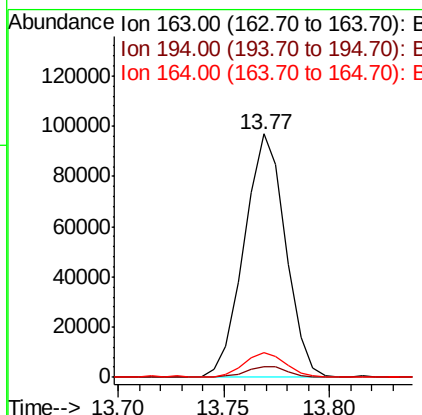
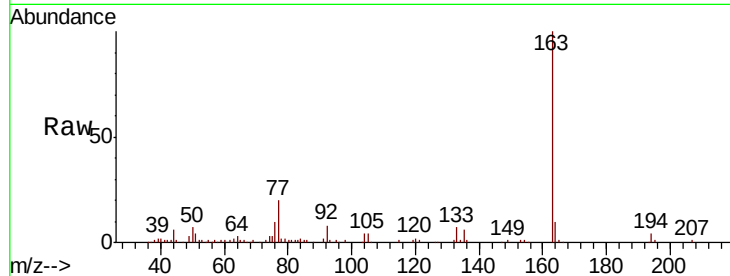
#45
Dimethylphthalate
Concen: 1.560 ng/ul
RT: 13.77 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BM023199.D
Acq: 16 Oct 2019 20:21

Instrument :
BNA_M
ClientSampleId :
BEP79DL

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	9.9	8.0	12.0

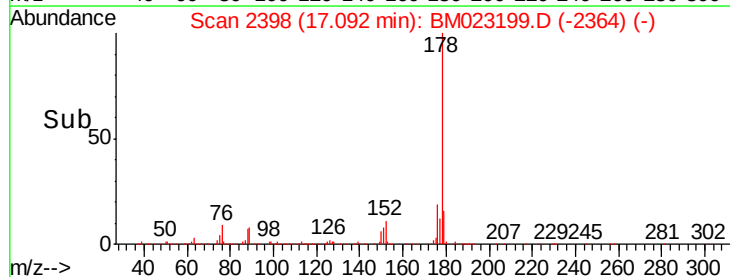
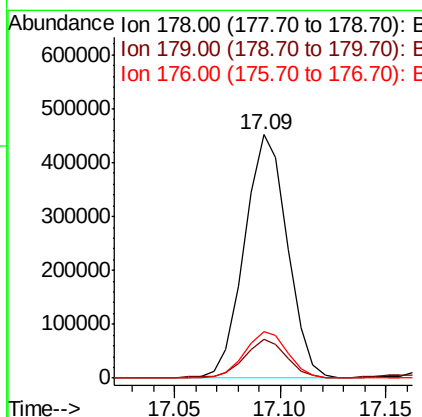
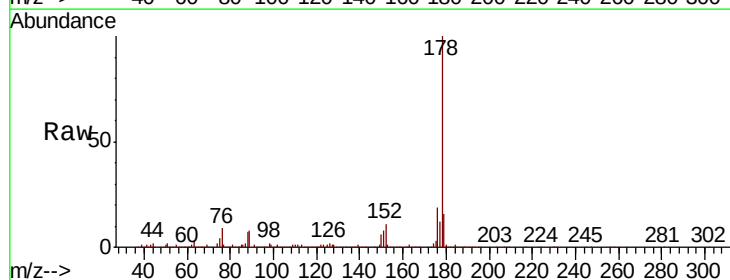
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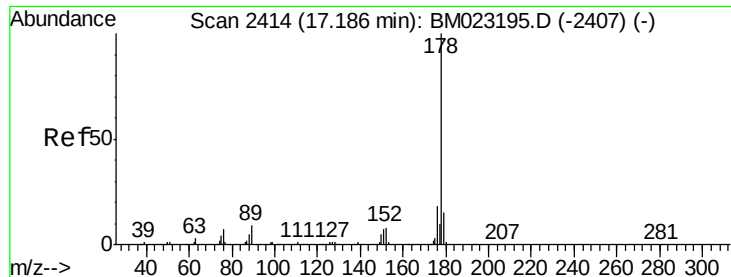
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#70
Phenanthrene
Concen: 5.466 ng/ul
RT: 17.09 min Scan# 2398
Delta R.T. 0.00 min
Lab File: BM023199.D
Acq: 16 Oct 2019 20:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.1	15.5	23.3





#72

Anthracene

Concen: 1.231 ng/ul

RT: 17.19 min Scan# 2414

Delta R.T. 0.00 min

Lab File: BM023199.D

Acq: 16 Oct 2019 20:21

Instrument :

BNA_M

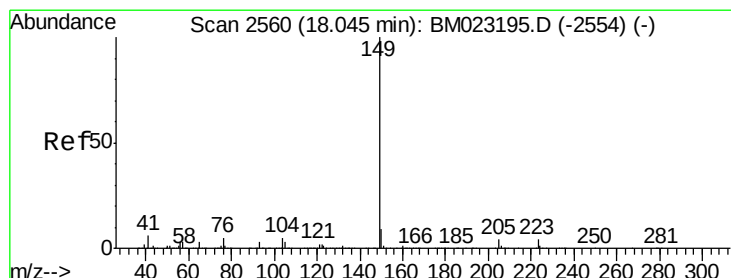
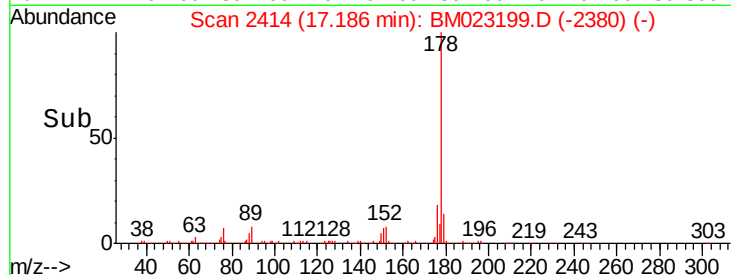
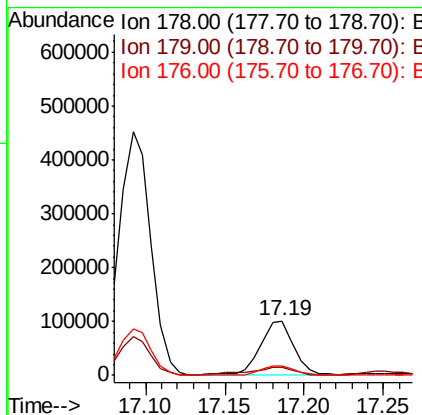
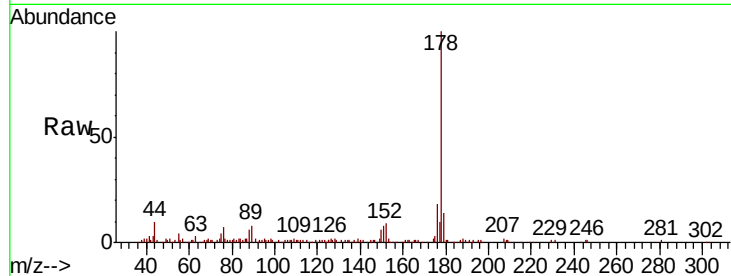
ClientSampleId :

BEP79DL

Tot Ion:	178	Resp:	147750
Ion Ratio	Lower	Upper	
178	100		
179	14.3	12.3	18.5
176	18.2	15.0	22.4

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#76

Di-n-butylphthalate

Concen: 17.402 ng/ul

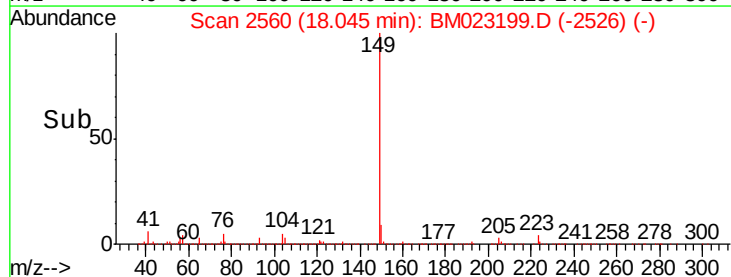
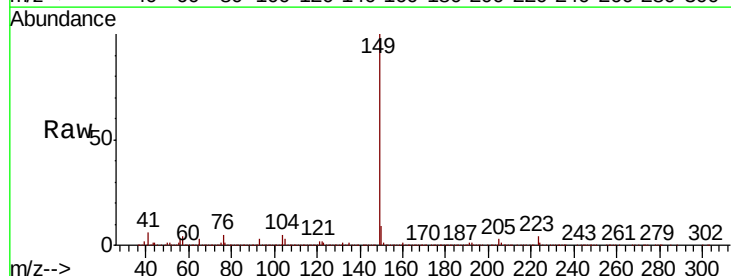
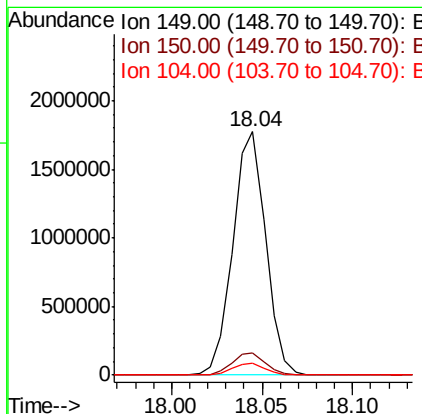
RT: 18.04 min Scan# 2560

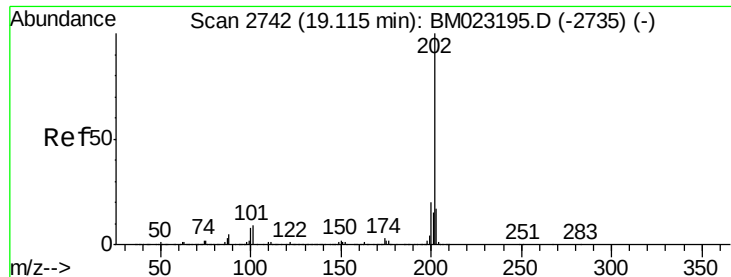
Delta R.T. 0.00 min

Lab File: BM023199.D

Acq: 16 Oct 2019 20:21

Tgt Ion:	149	Resp:	2220617
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.0	10.4
104	4.9	4.0	6.0





#77

Fluoranthene

Concen: 9.803 ng/ul

RT: 19.12 min Scan# 2742

Delta R.T. 0.00 min

Lab File: BM023199.D

Acq: 16 Oct 2019 20:21

Instrument :

BNA_M

ClientSampleID :

BEP79DL

Tot Ion:202 Resp: 1354306

Ion Ratio Lower Upper

202 100

101 9.9 7.8 11.8

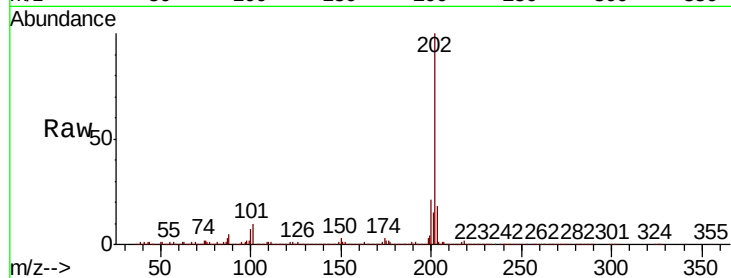
100 7.4 6.1 9.1

Manual Integrations

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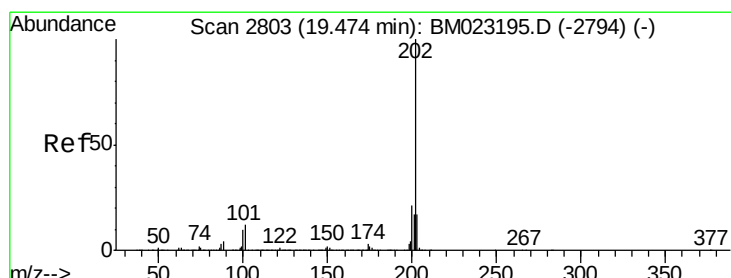
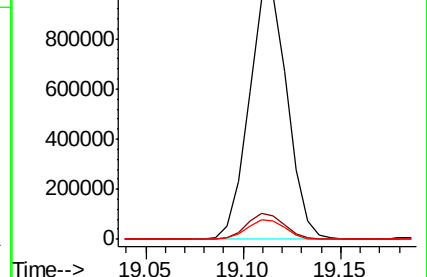
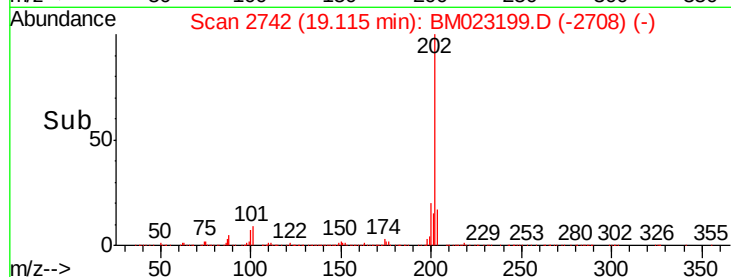
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 11.545 ng/ul

RT: 19.47 min Scan# 2803

Delta R.T. 0.00 min

Lab File: BM023199.D

Acq: 16 Oct 2019 20:21

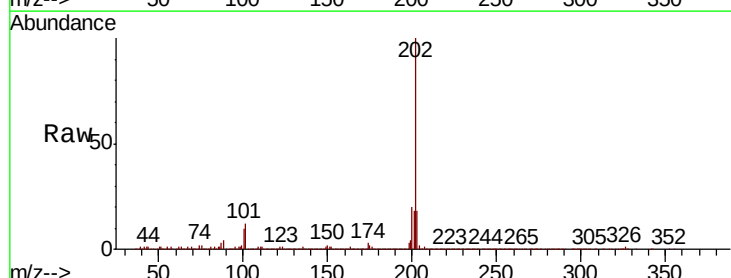
Tgt Ion:202 Resp: 1428692

Ion Ratio Lower Upper

202 100

101 11.8 9.1 13.7

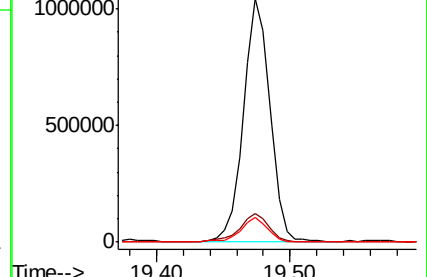
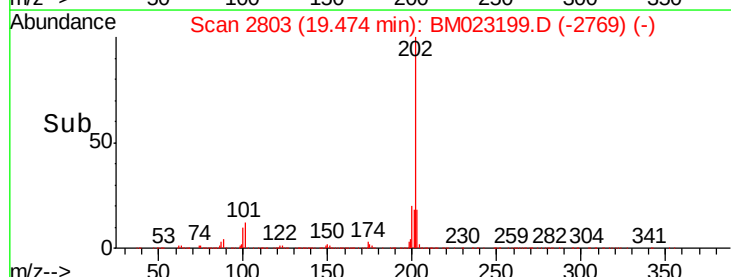
100 10.0 7.5 11.3

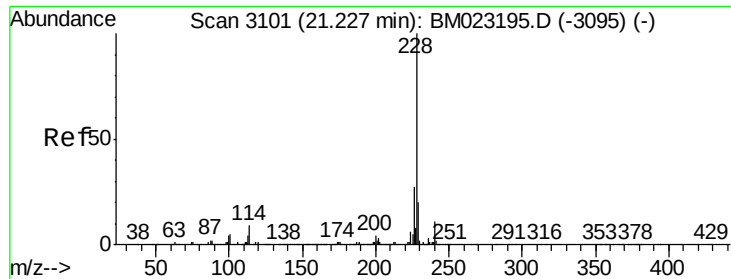


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





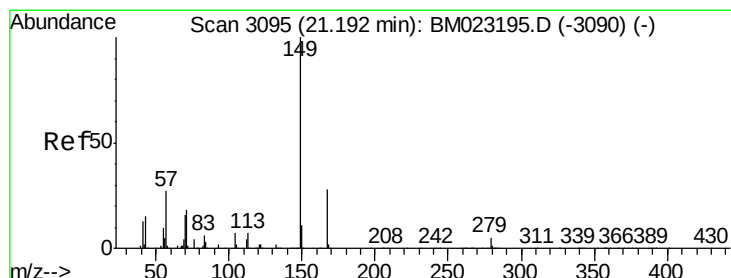
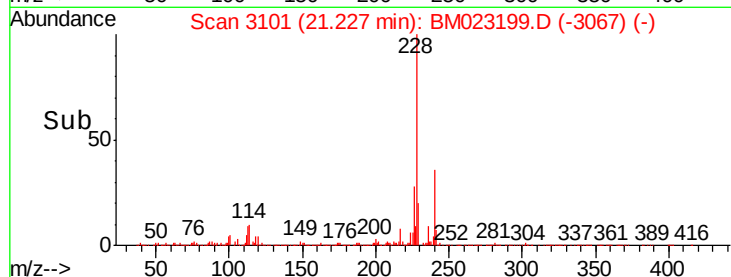
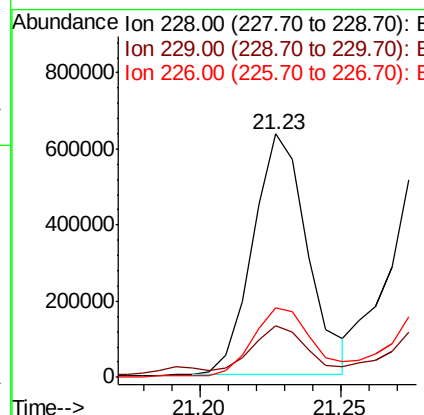
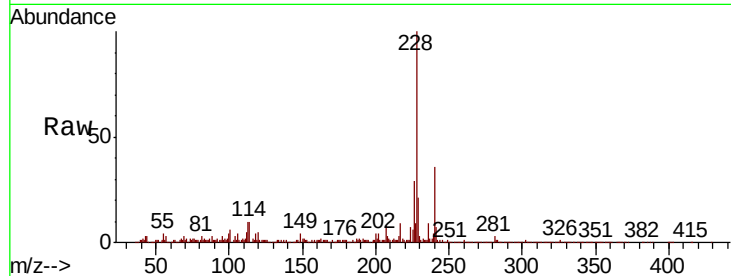
#83
Benzo(a)anthracene
Concen: 6.357 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BM023199.D
Acq: 16 Oct 2019 20:21

Instrument :
BNA_M
ClientSampleId :
BEP79DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.7	23.5
226	28.7	21.6	32.4

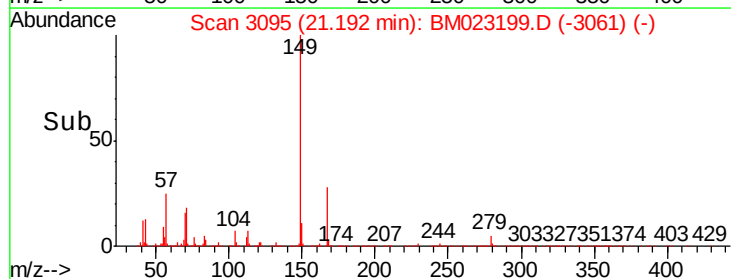
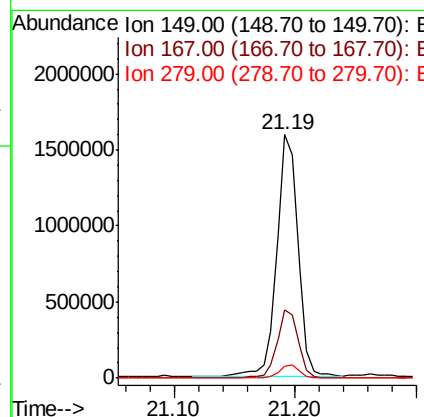
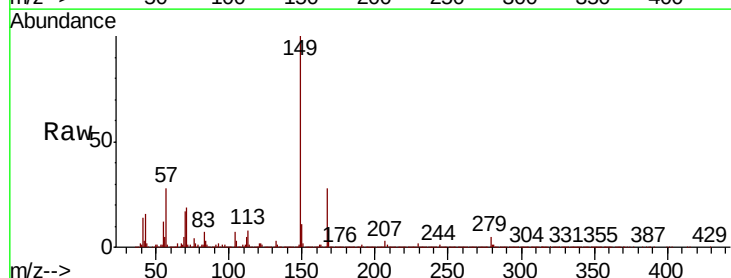
Manual Integrations
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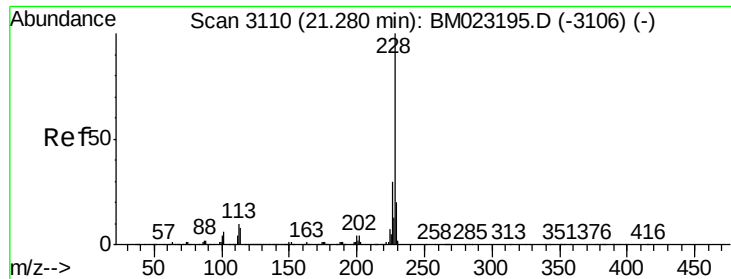
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 28.319 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BM023199.D
Acq: 16 Oct 2019 20:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.5	33.7
279	5.0	4.0	6.0





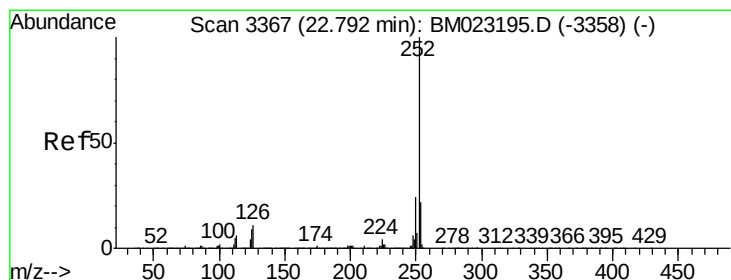
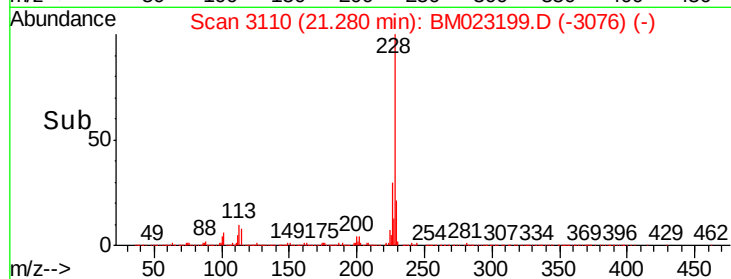
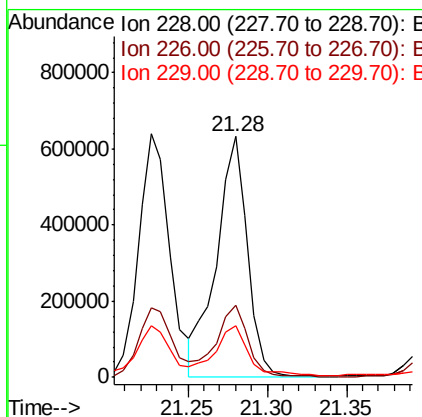
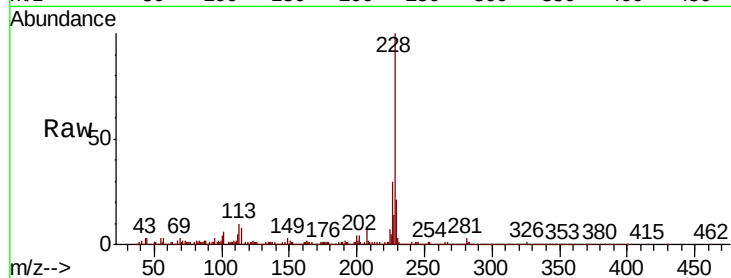
#85
Chrysene
Concen: 6.872 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BM023199.D
Acq: 16 Oct 2019 20:21

Instrument :
BNA_M
ClientSampleId :
BEP79DL

Tot Ion:	228	Resp:	853992
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.8	35.6
229	21.4	15.5	23.3

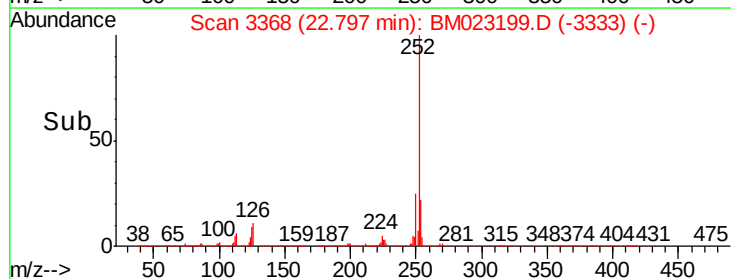
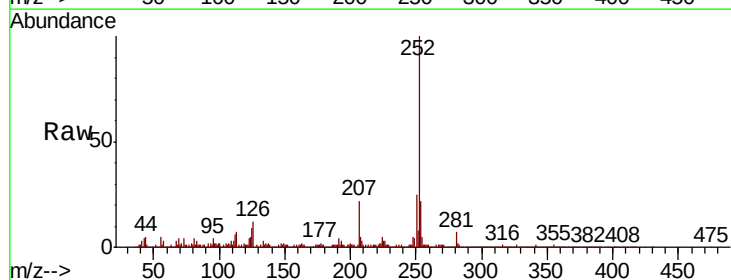
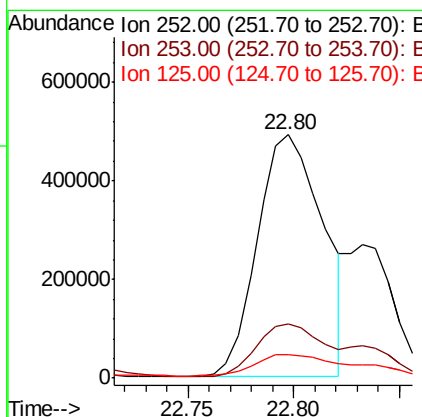
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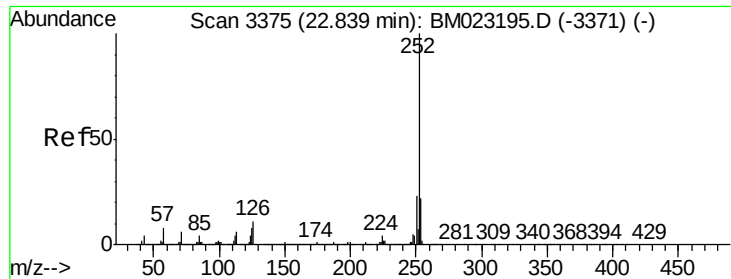
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#88
Benzo(b)fluoranthene
Concen: 7.250 ng/ul
RT: 22.80 min Scan# 3368
Delta R.T. 0.01 min
Lab File: BM023199.D
Acq: 16 Oct 2019 20:21

Tgt Ion:	252	Resp:	1059790
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.6	26.4
125	9.5	6.4	9.6





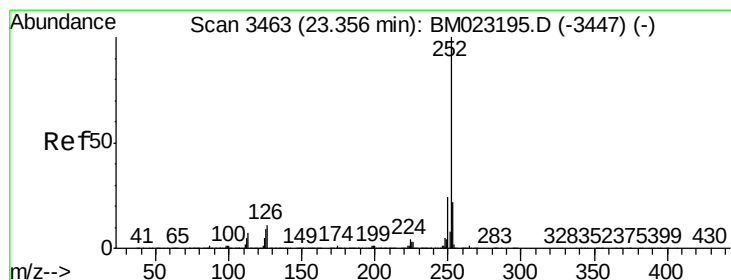
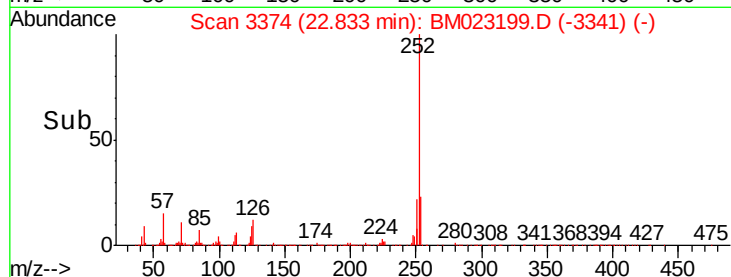
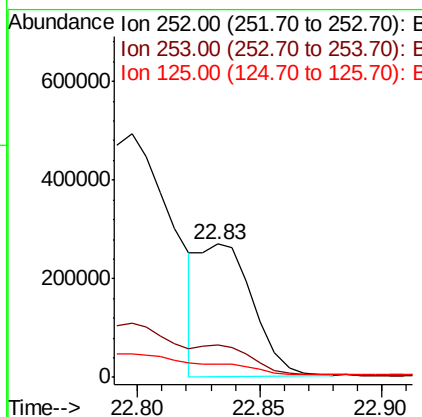
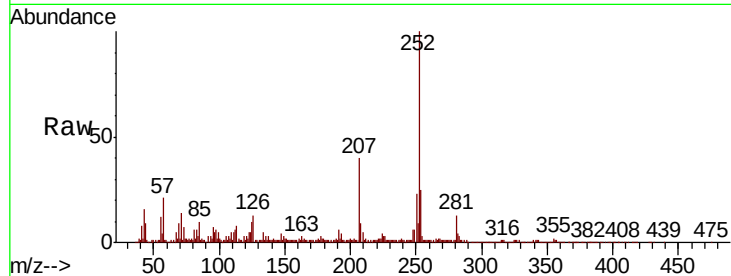
#89
Benzo(k)fluoranthene
Concen: 2.917 ng/ul m
RT: 22.83 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BM023199.D
Acq: 16 Oct 2019 20:21

Instrument :
BNA_M
ClientSampleID :
BEP79DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.4	26.0
125	10.4	6.5	9.7

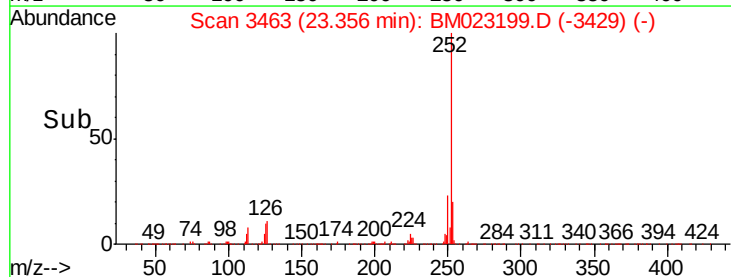
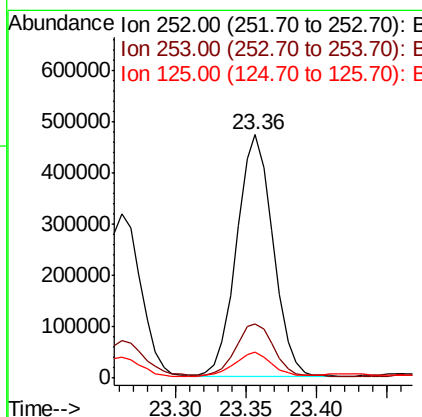
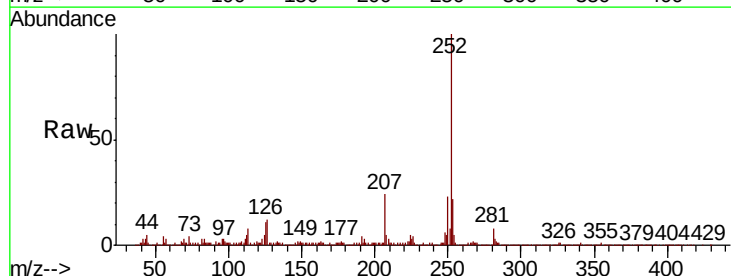
Manual Integrations
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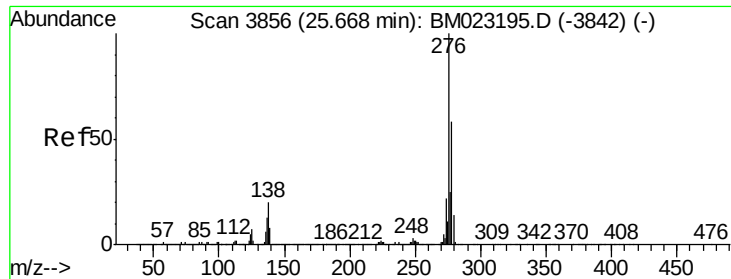
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10/18/2019 8:27:01 AM



#91
Benzo(a)pyrene
Concen: 6.041 ng/ul
RT: 23.36 min Scan# 3463
Delta R.T. 0.00 min
Lab File: BM023199.D
Acq: 16 Oct 2019 20:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	10.6	7.4	11.0





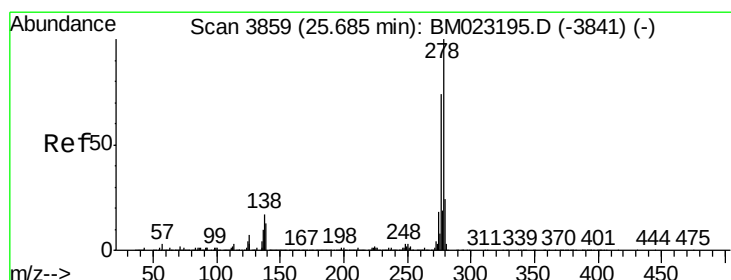
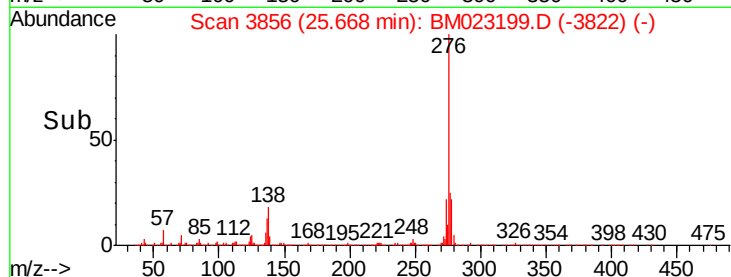
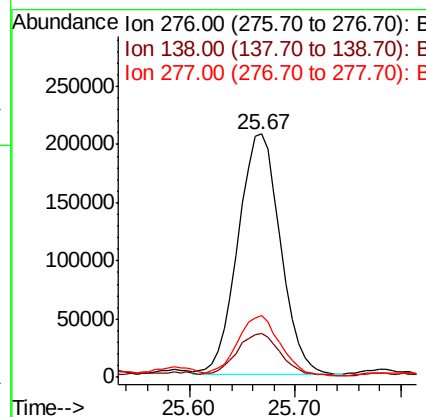
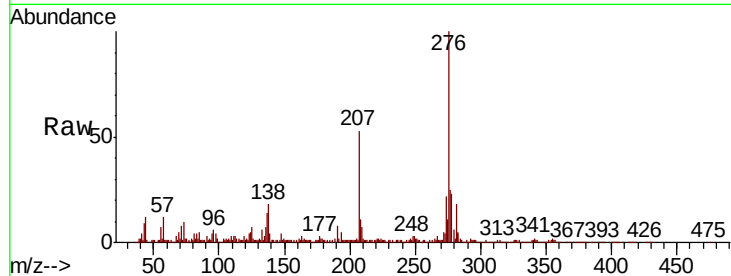
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 3.438 ng/ul
 RT: 25.67 min Scan# 3856
 Delta R.T. 0.00 min
 Lab File: BM023199.D
 Acq: 16 Oct 2019 20:21

Instrument :
 BNA_M
 ClientSampled :
 BEP79DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.2	14.9	22.3
277	25.4	19.8	29.8

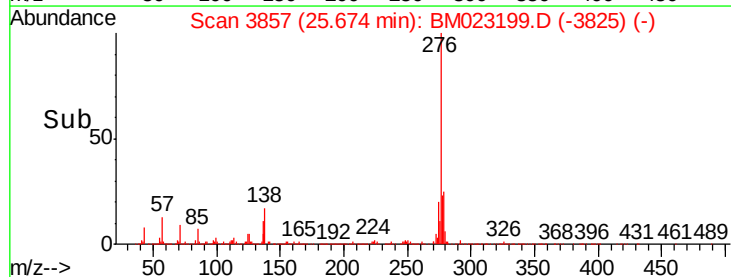
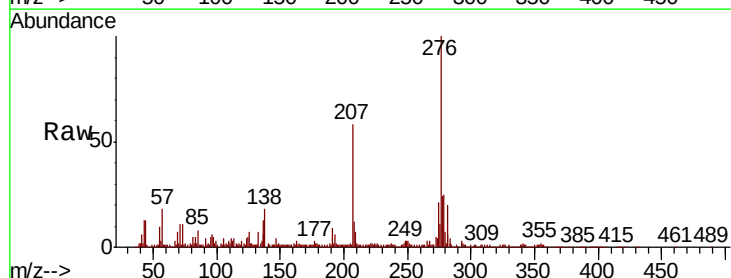
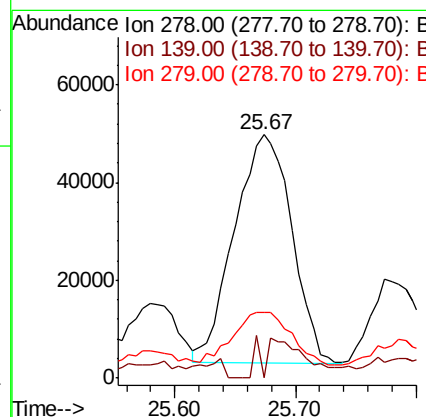
Manual Integrations
 APPROVED

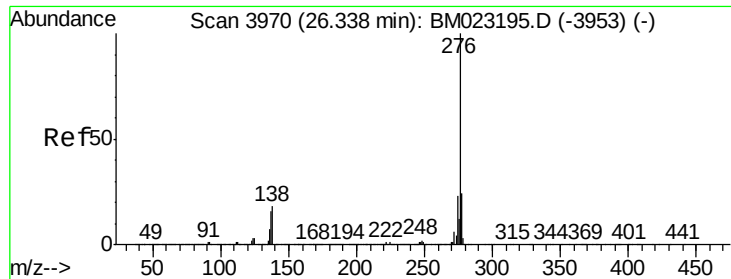
mohammad
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#93
 Dibenzo(a,h)anthracene
 Concen: 1.105 ng/ul
 RT: 25.67 min Scan# 3857
 Delta R.T. -0.01 min
 Lab File: BM023199.D
 Acq: 16 Oct 2019 20:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.0	15.0#
279	27.0	19.4	29.0





#94
 Benzo(a,h,i)perylene
 Concen: 3.152 ng/ul
 RT: 26.34 min Scan# 3970
 Delta R.T. 0.00 min
 Lab File: BM023199.D
 Acq: 16 Oct 2019 20:21

Instrument :
 BNA_M
 ClientSampleId :
 BEP79DL

Tot Ion:	276	Resp:	433018
Ion Ratio		Lower	Upper
276	100		
138	19.0	14.4	21.6
277	24.0	19.4	29.2

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