

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021658.D
 Acq On : 26 Jul 2019 04:56
 Operator : HP/JU
 Sample : K3893-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP01

Manual Integrations
 APPROVED

mohammad
 7/26/2019 3:24:30 PM

Quant Time: Jul 26 06:30:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 01:21:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	130940	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	616005	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	455031	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1087462	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1288433	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	1347707	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	9164m	3.82	ng/uL	0.00
5) Phenol-d5	6.87	99	200171	18.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	122558	19.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	172024	19.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	163751	17.26	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	93135	20.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	107799	22.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	218124	19.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	240663	22.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	817998	20.98	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	901910	19.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	60126	8.99	ng/ul	0.01
57) Fluorene-d10	15.34	176	734811	20.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	53891	7.91	ng/ul	0.00
70) Anthracene-d10	17.19	188	1290782	24.13	ng/ul	0.00
78) Pyrene-d10	19.49	212	1656362	26.34	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	1805819	25.10	ng/ul	-0.01

Target Compounds

					Ovalue
44) Dimethylphthalate	13.80	163	137450	3.672 ng/ul	99
69) Phenanthrene	17.13	178	74524	1.256 ng/ul	98
76) Fluoranthene	19.16	202	270600	3.679 ng/ul	99
79) Pyrene	19.52	202	223680	2.914 ng/ul	100
82) Benzo(a)anthracene	21.27	228	144213	1.707 ng/ul	98
84) Chrysene	21.32	228	151543	1.881 ng/ul	97
87) Benzo(b)fluoranthene	22.86	252	206495	2.534 ng/ul#	97
90) Benzo(a)pyrene	23.43	252	135409	1.731 ng/ul#	98

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

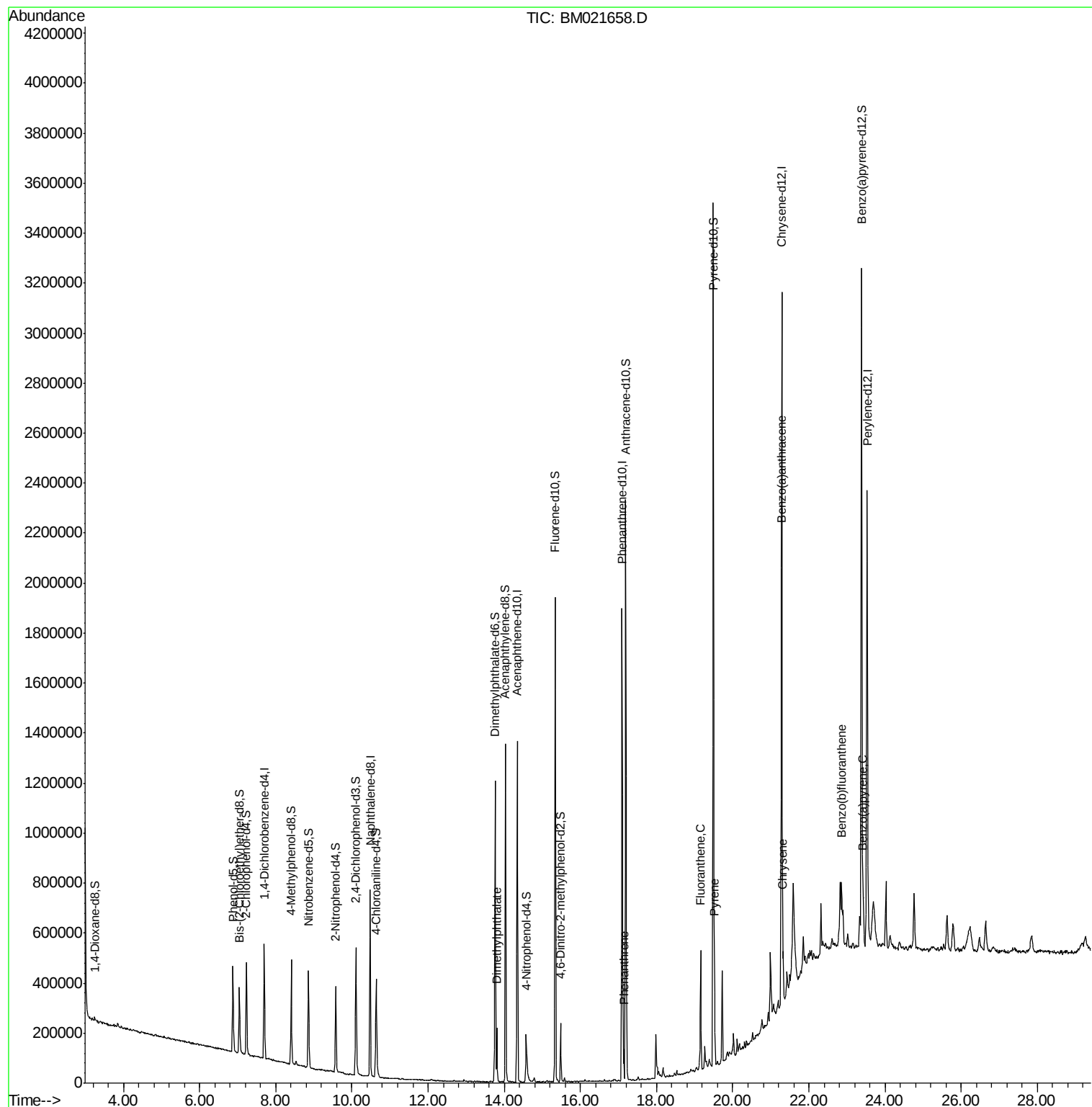
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Data File : BM021658.D
Acq On : 26 Jul 2019 04:56
Operator : HP/JU
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ALS Vial : 28 Sample Multiplier: 1

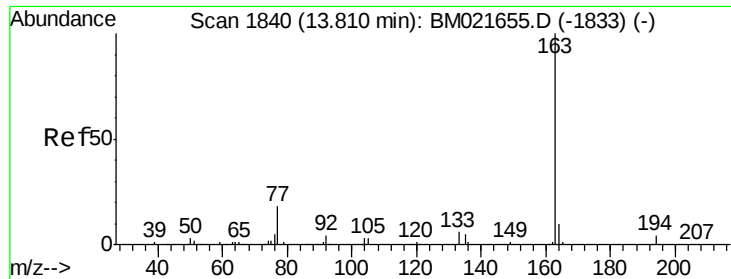
Instrument :
BNA_M
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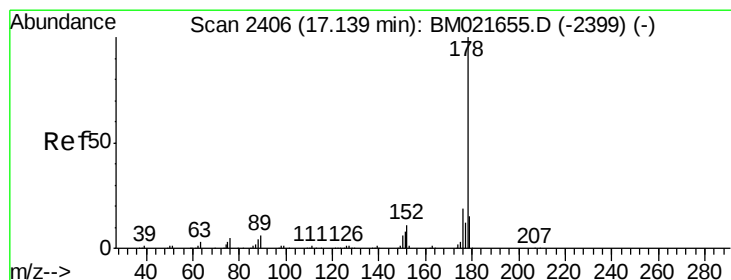
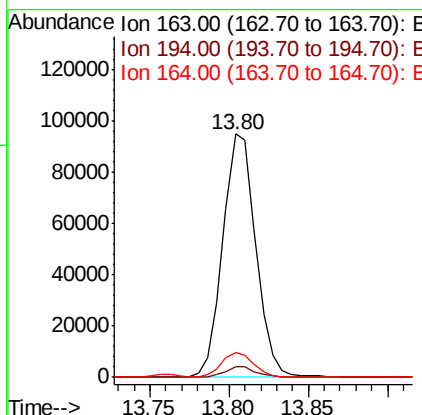
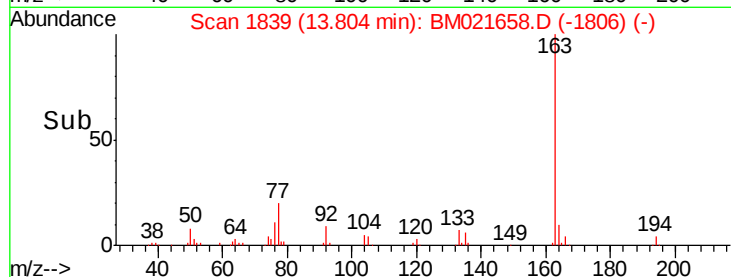
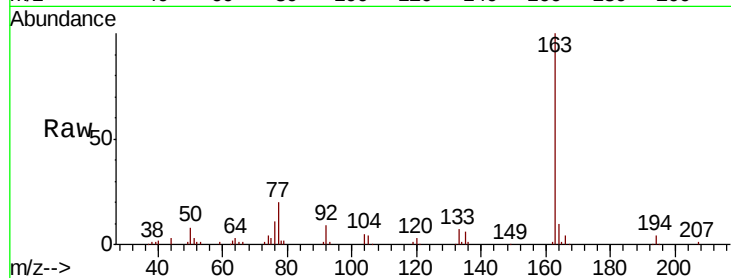
#44
Dimethylphthalate
Concen: 3.672 ng/ul
RT: 13.80 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BM021658.D
Acq: 26 Jul 2019 04:56

Instrument :
BNA_M
ClientSampleId :
BEP01

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.1	8.2	12.4

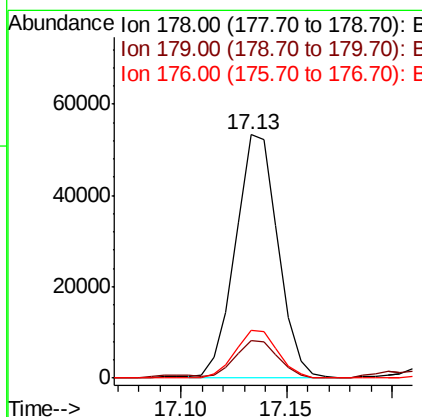
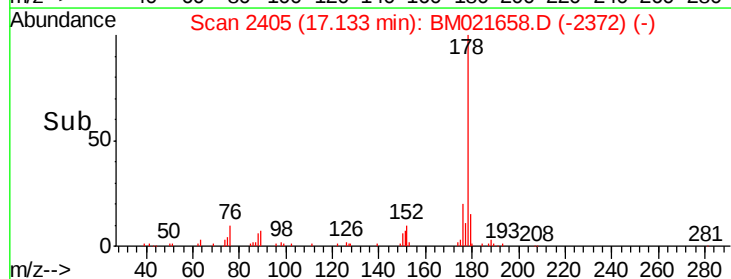
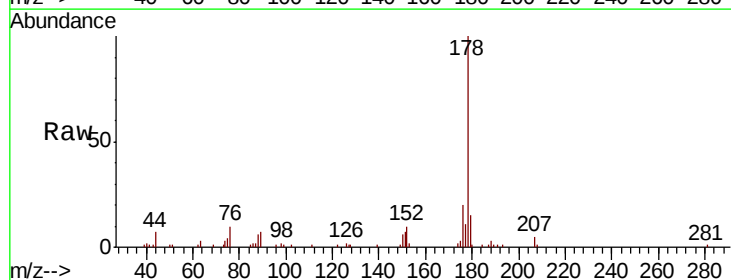
Manual Integrations
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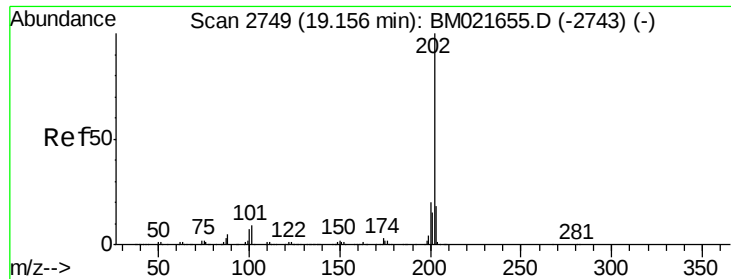
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#69
Phenanthrene
Concen: 1.256 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BM021658.D
Acq: 26 Jul 2019 04:56

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	19.9	15.0	22.4





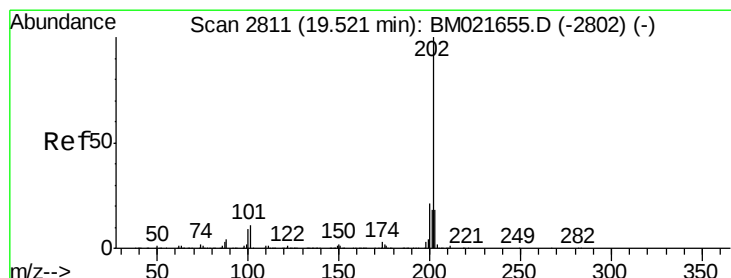
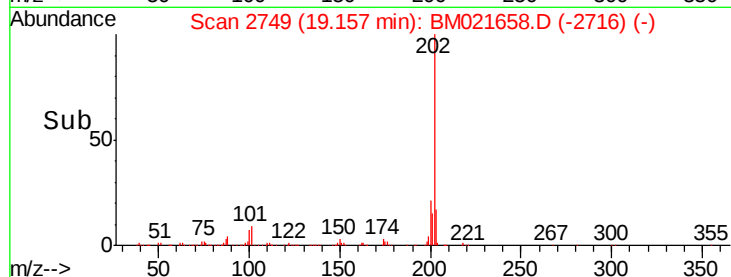
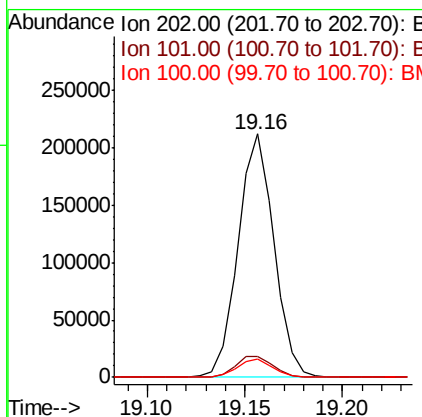
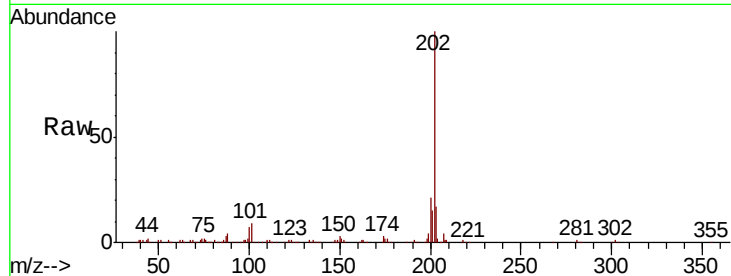
#76
 Fluoranthene
 Concen: 3.679 ng/ul
 RT: 19.16 min Scan# 2749
 Delta R.T. -0.01 min
 Lab File: BM021658.D
 Acq: 26 Jul 2019 04:56

Instrument :
 BNA_M
 ClientSampleID :
 BEP01

Tot Ion:	202	Resp:	270600
Ion Ratio	Lower	Upper	
202	100		
101	8.8	7.2	10.8
100	7.4	5.6	8.4

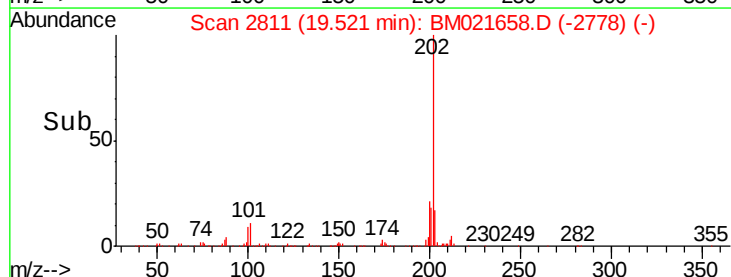
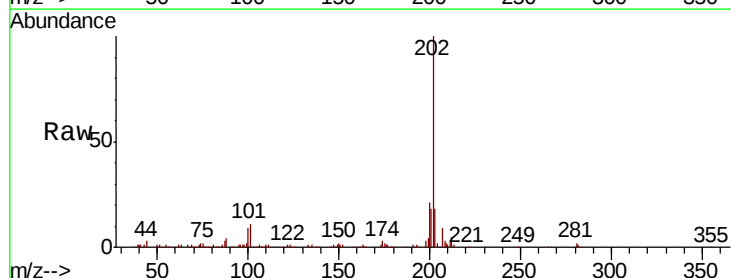
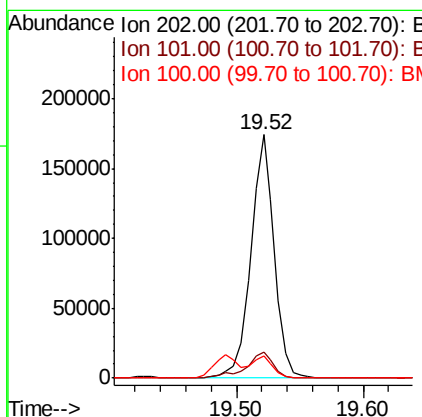
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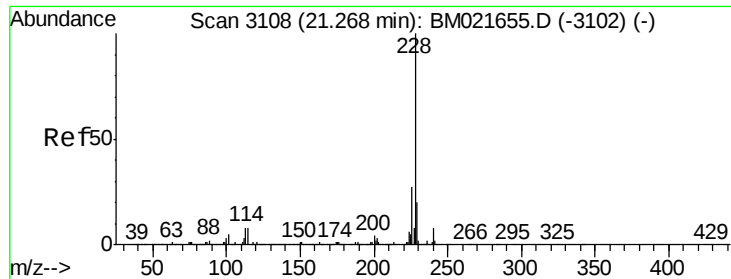
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#79
 Pyrene
 Concen: 2.914 ng/ul
 RT: 19.52 min Scan# 2811
 Delta R.T. -0.01 min
 Lab File: BM021658.D
 Acq: 26 Jul 2019 04:56

Tgt Ion:	202	Resp:	223680
Ion Ratio	Lower	Upper	
202	100		
101	10.8	8.6	13.0
100	9.2	7.1	10.7





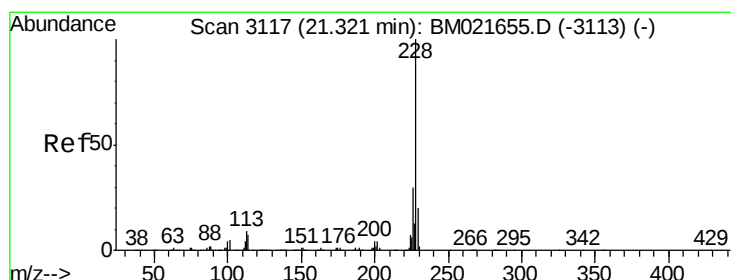
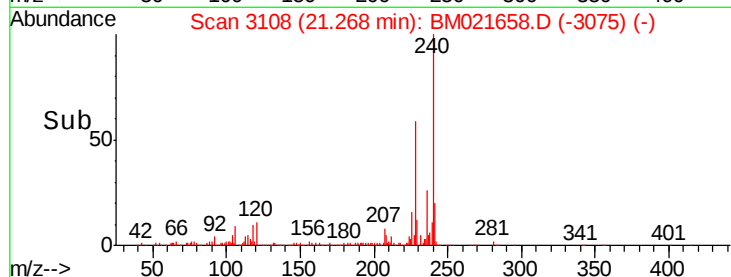
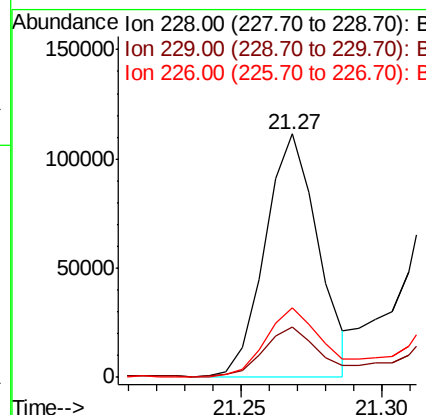
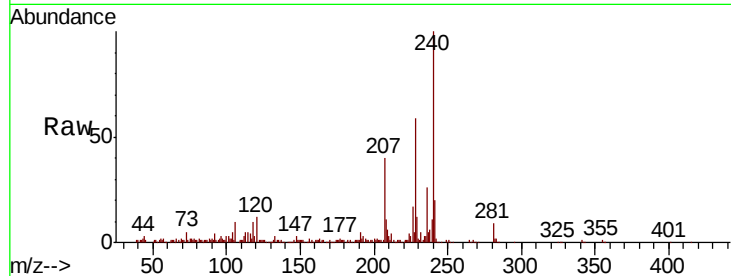
#82
Benzo(a)anthracene
Concen: 1.707 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM021658.D
Acq: 26 Jul 2019 04:56

Instrument :
BNA_M
ClientSampled :
BEP01

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.6
226	28.4	21.7	32.5

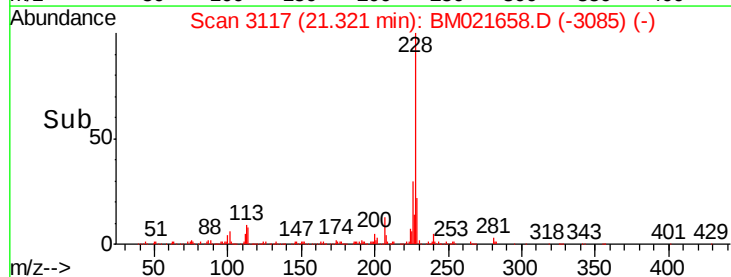
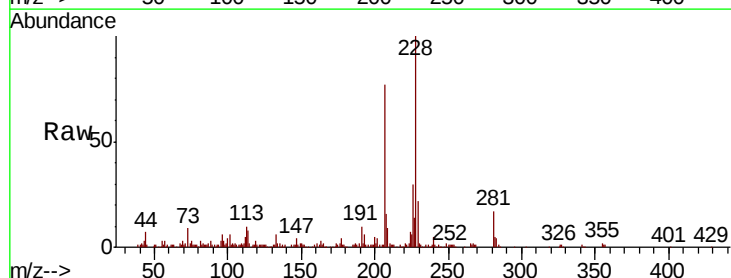
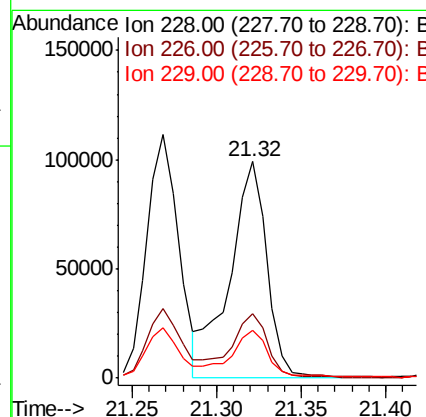
Manual Integrations
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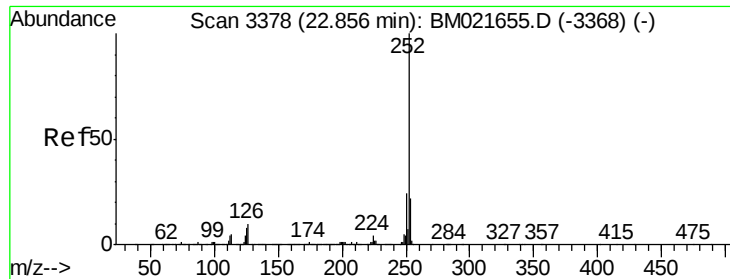
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#84
Chrysene
Concen: 1.881 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM021658.D
Acq: 26 Jul 2019 04:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.2
229	22.0	15.4	23.2





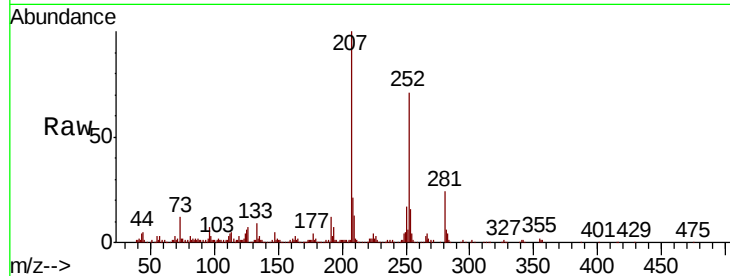
#87
Benzo(b)fluoranthene
Concen: 2.534 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. -0.01 min
Lab File: BM021658.D
Acq: 26 Jul 2019 04:56

Instrument :
BNA_M
ClientSampleId :
BEP01

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	9.1	5.8	8.6#

Manual Integrations
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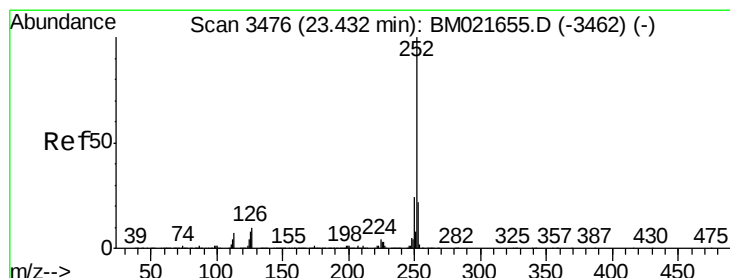
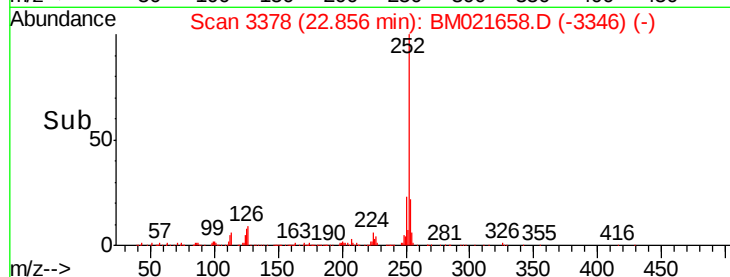
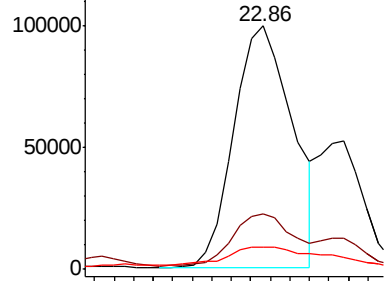


Abundance

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



#90
Benzo(a)pyrene
Concen: 1.731 ng/ul
RT: 23.43 min Scan# 3476
Delta R.T. -0.01 min
Lab File: BM021658.D
Acq: 26 Jul 2019 04:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.5	7.0	10.4#

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

