

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021657.D
 Acq On : 26 Jul 2019 04:20
 Operator : HP/JU
 Sample : K3893-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP00

Manual Integrations
 APPROVED

mohammad
 7/26/2019 3:24:28 PM

Quant Time: Aug 05 06:58:47 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	149169	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	701319	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	511473	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1212752	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1405504	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	1393899	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	8649	3.16	ng/uL	0.00
5) Phenol-d5	6.87	99	205368	16.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	133391	18.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	178667	18.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	163383	15.12	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	100686	19.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	113260	20.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	221501	17.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	219067	18.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	812928	18.55	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	920023	17.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	57925	7.71	ng/ul	0.01
57) Fluorene-d10	15.34	176	742229	18.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	55680	7.33	ng/ul	0.00
70) Anthracene-d10	17.19	188	1249642	20.94	ng/ul	0.00
78) Pyrene-d10	19.49	212	1557295	22.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	1590079	21.37	ng/ul	-0.01

Target Compounds

					Ovalue
44) Dimethylphthalate	13.80	163	146366	3.479 ng/ul	99
69) Phenanthrene	17.13	178	164960	2.493 ng/ul	98
76) Fluoranthene	19.16	202	571484	6.967 ng/ul	99
79) Pyrene	19.52	202	499801	5.970 ng/ul	99
82) Benzo(a)anthracene	21.27	228	263214	2.857 ng/ul	98
84) Chrysene	21.32	228	331514	3.773 ng/ul	98
87) Benzo(b)fluoranthene	22.86	252	476762	5.657 ng/ul#	97
88) Benzo(k)fluoranthene	22.89	252	132184m	1.599 ng/ul	
90) Benzo(a)pyrene	23.43	252	261533	3.232 ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	25.78	276	184964	1.882 ng/ul	99
93) Benzo(g,h,i)perylene	26.47	276	160133	2.012 ng/ul	99

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

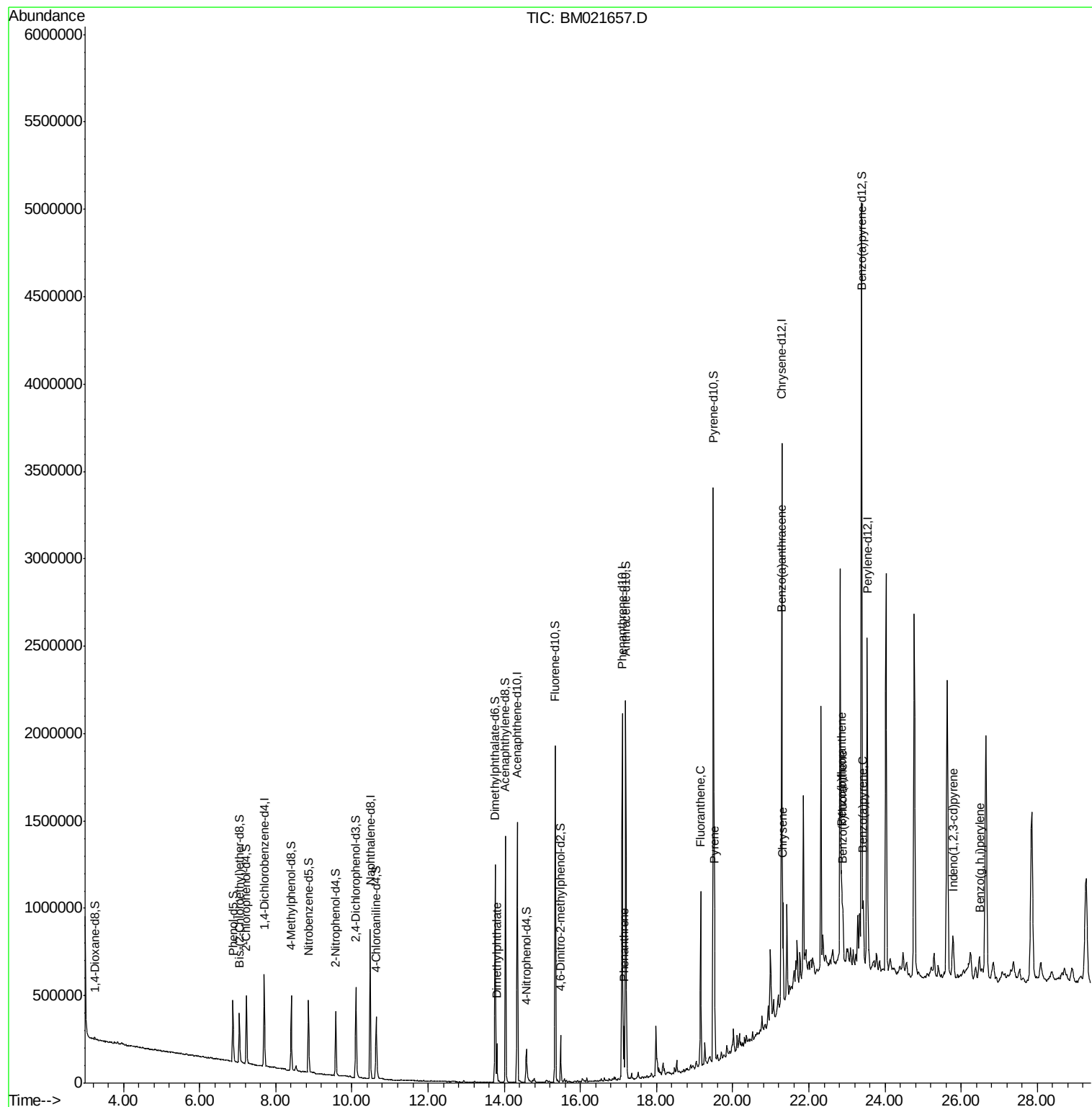
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021657.D
Acq On : 26 Jul 2019 04:20
Operator : HP/JU
Sample : K3893-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

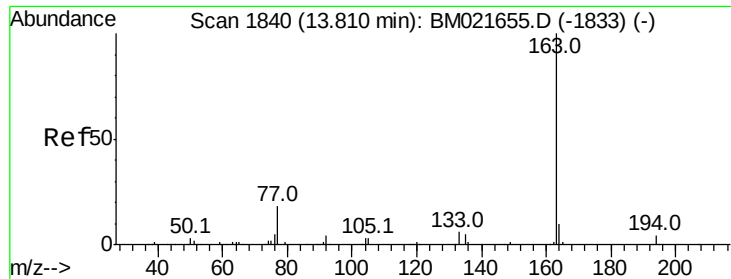
Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION
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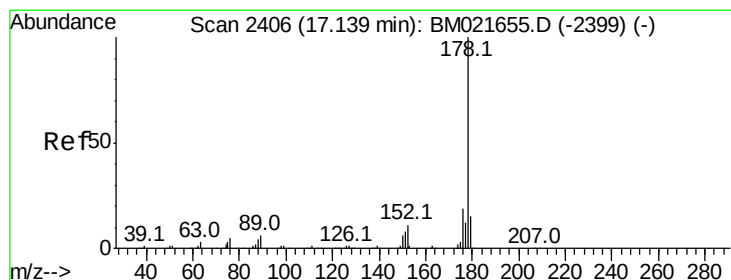
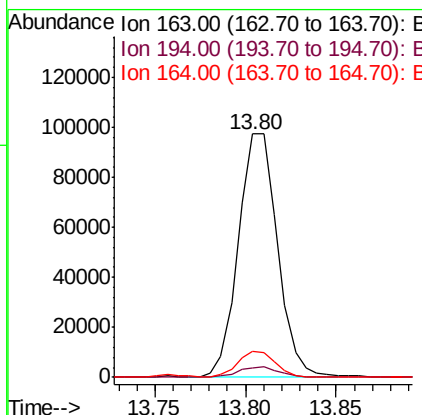
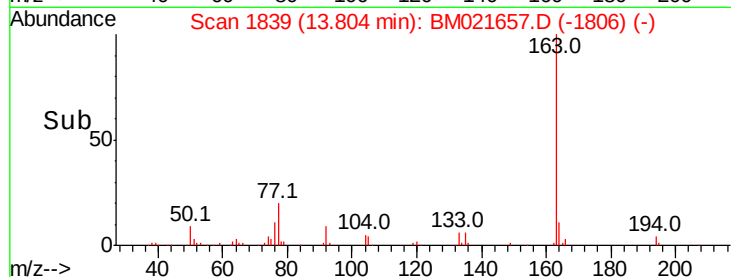
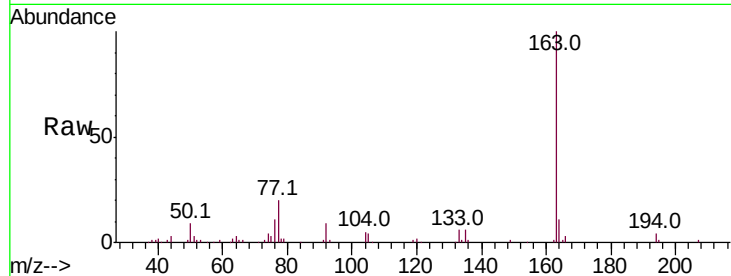
#44
Dimethylphthalate
Concen: 3.479 ng/ul
RT: 13.80 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BM021657.D
Acq: 26 Jul 2019 04:20

Instrument :
BNA_M
ClientSampleId :
BEP00

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.7	8.2	12.4

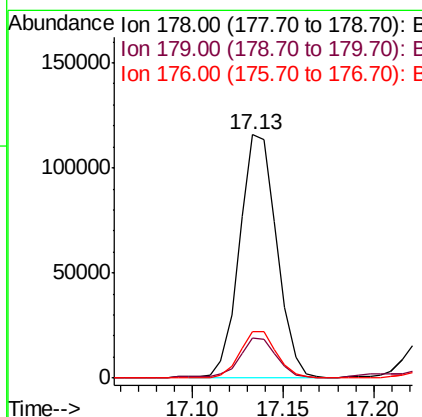
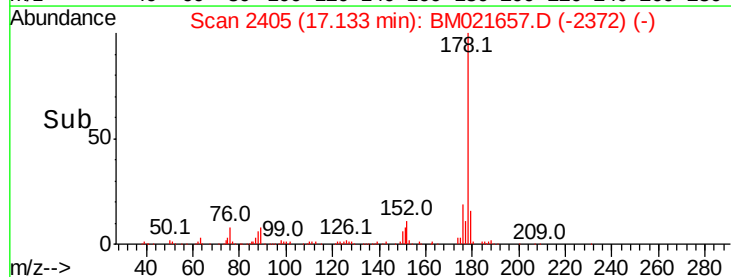
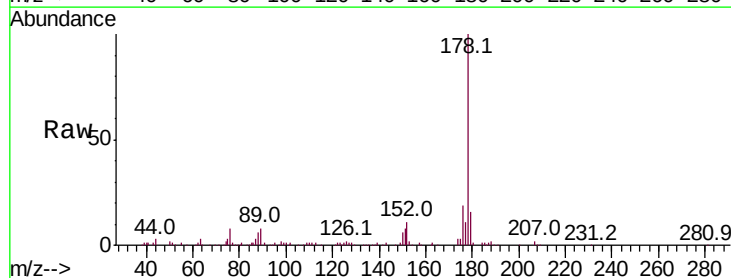
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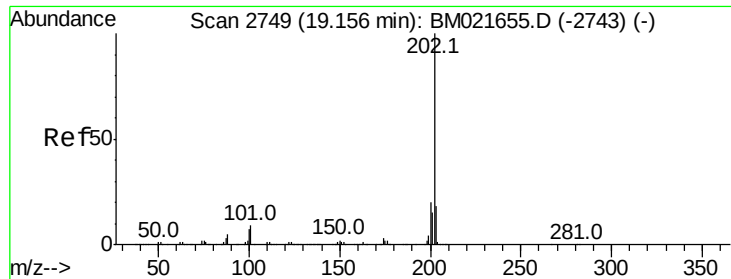
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#69
Phenanthrene
Concen: 2.493 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BM021657.D
Acq: 26 Jul 2019 04:20

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.2	18.2
176	18.9	15.0	22.4





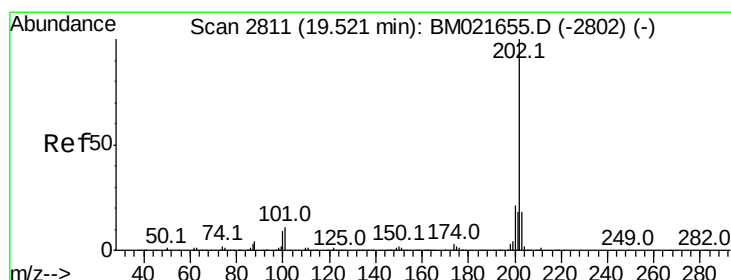
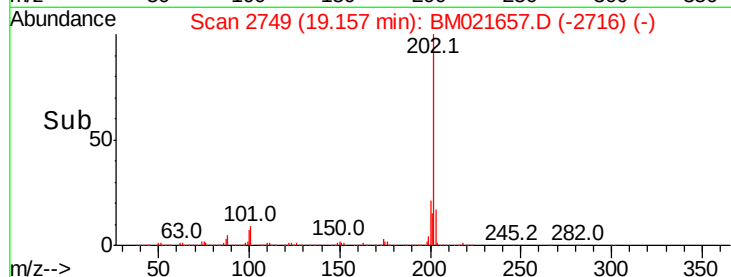
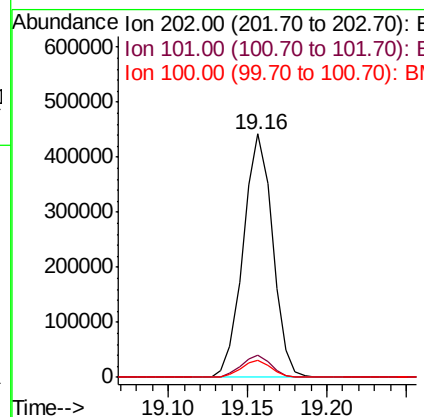
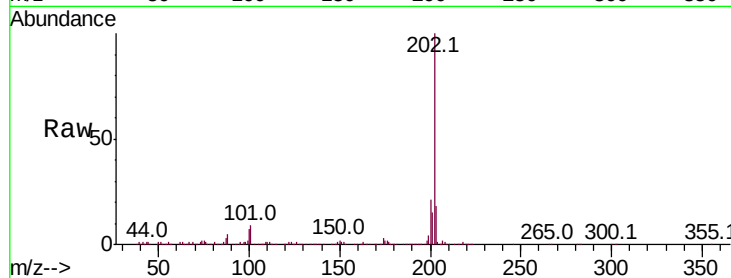
#76
Fluoranthene
Concen: 6.967 ng/ul
RT: 19.16 min Scan# 2749
Delta R.T. -0.01 min
Lab File: BM021657.D
Acq: 26 Jul 2019 04:20

Instrument :
BNA_M
ClientSampleId :
BEP00

Tot Ion	Ratio	Resp	Lower	Upper
202	100	571484		
101	9.3	7.2	10.8	
100	6.8	5.6	8.4	

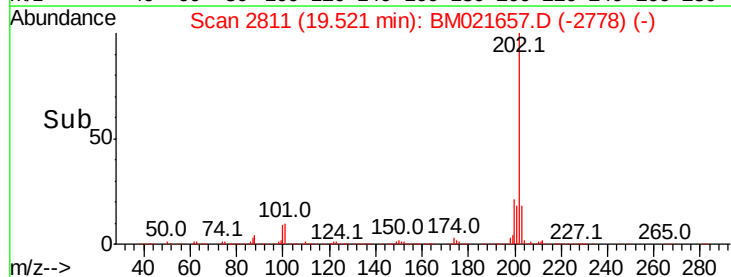
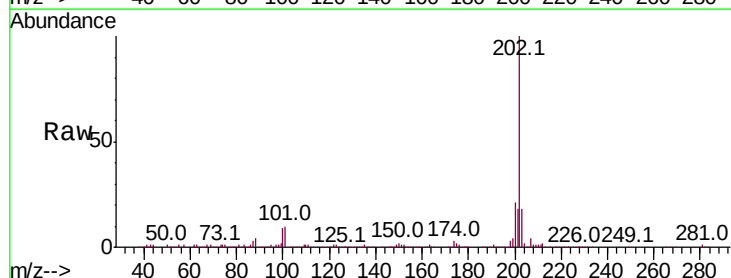
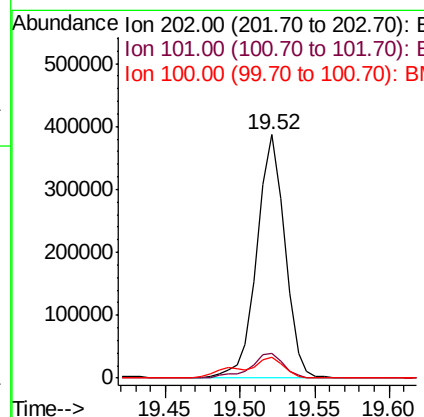
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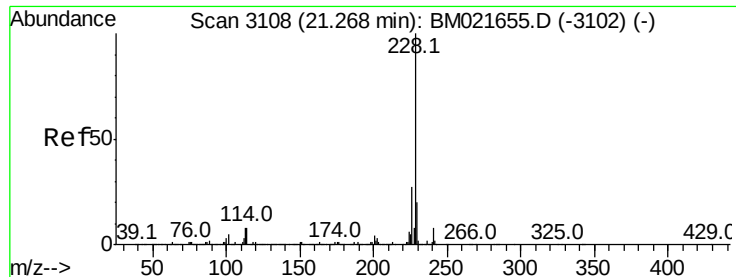
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#79
Pyrene
Concen: 5.970 ng/ul
RT: 19.52 min Scan# 2811
Delta R.T. -0.01 min
Lab File: BM021657.D
Acq: 26 Jul 2019 04:20

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	499801		
101	10.3	8.6	13.0	
100	8.7	7.1	10.7	





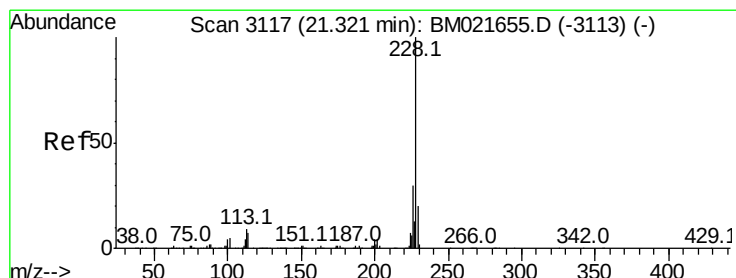
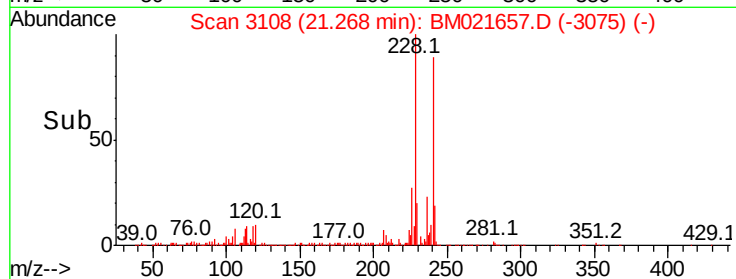
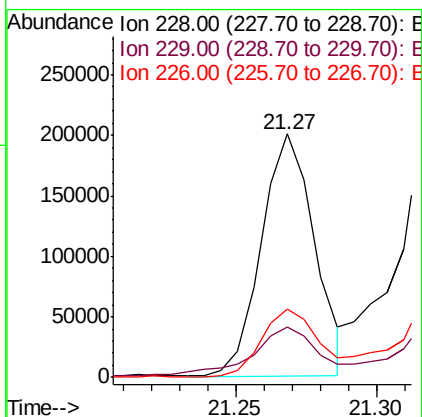
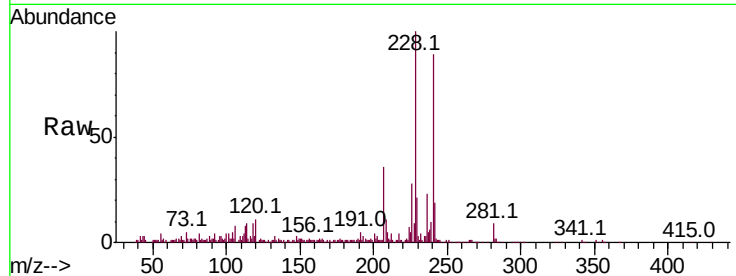
#82
Benzo(a)anthracene
Concen: 2.857 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM021657.D
Acq: 26 Jul 2019 04:20

Instrument :
BNA_M
ClientSampled :
BEP00

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.6
226	27.9	21.7	32.5

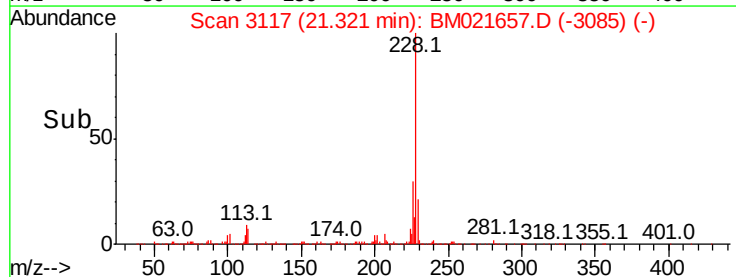
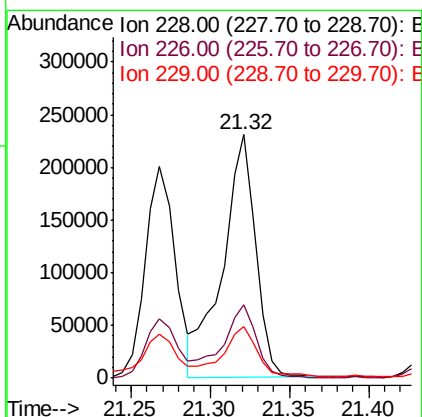
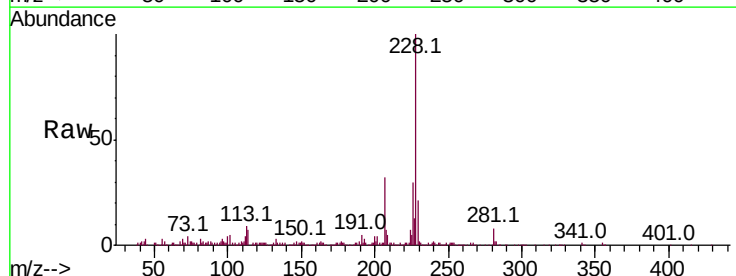
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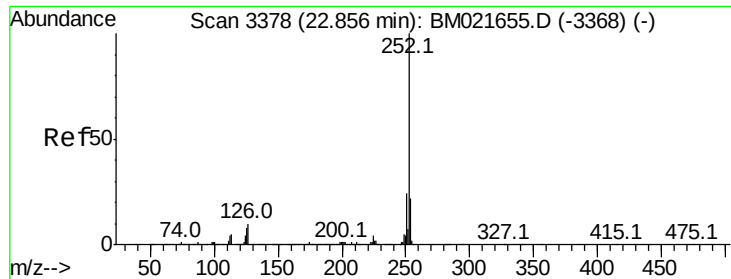
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#84
Chrysene
Concen: 3.773 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM021657.D
Acq: 26 Jul 2019 04:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	21.1	15.4	23.2





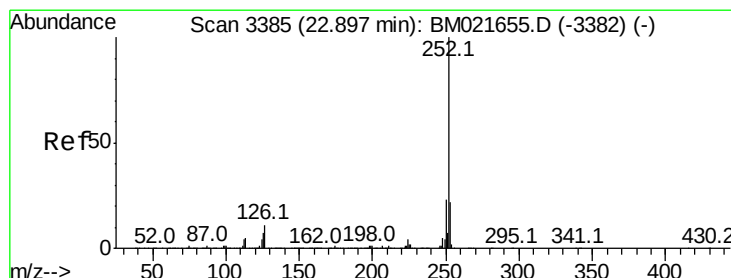
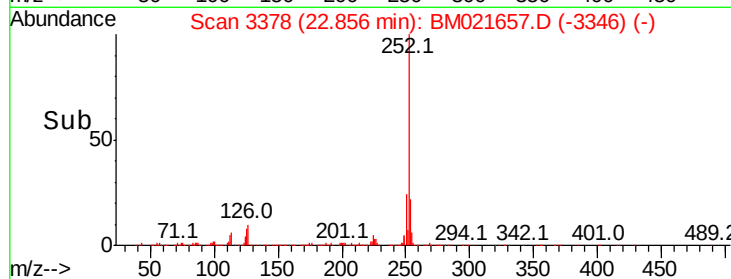
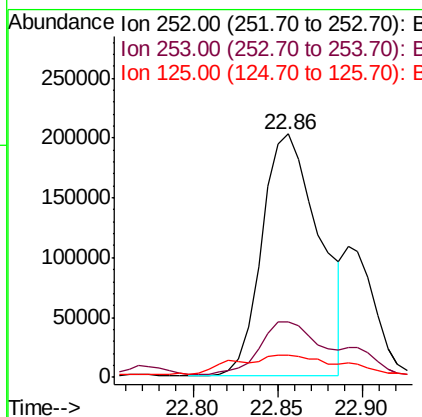
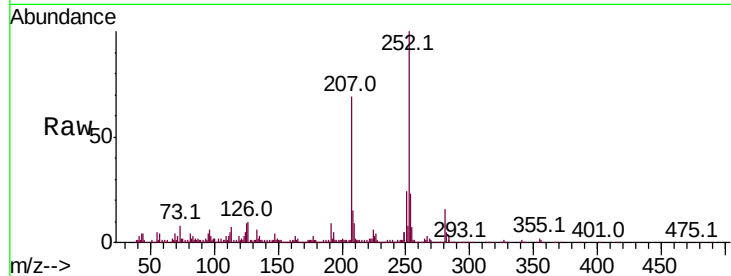
#87
Benzo(b)fluoranthene
Concen: 5.657 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. -0.01 min
Lab File: BM021657.D
Acq: 26 Jul 2019 04:20

Instrument :
BNA_M
ClientSampleId :
BEP00

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	9.3	5.8	8.6

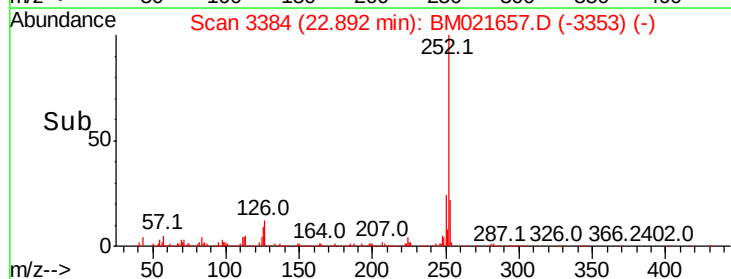
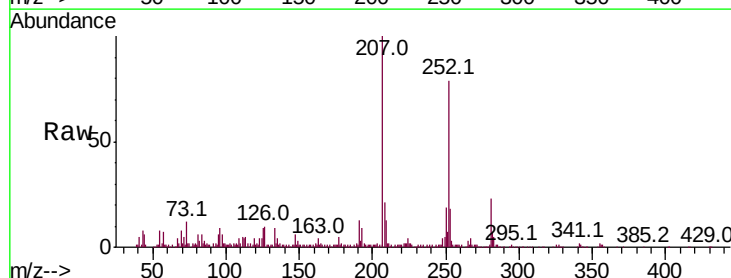
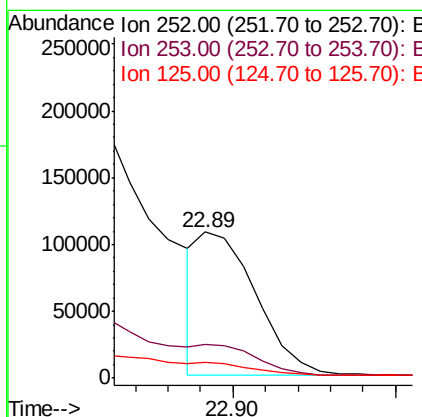
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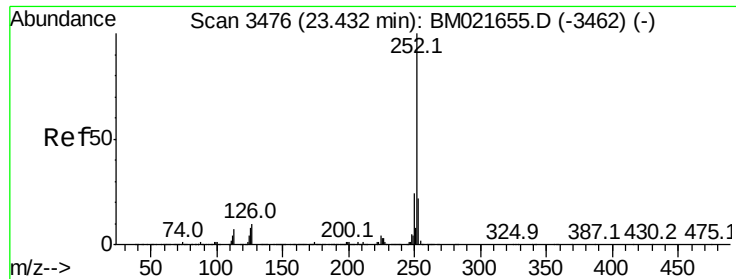
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#88
Benzo(k)fluoranthene
Concen: 1.599 ng/ul m
RT: 22.89 min Scan# 3384
Delta R.T. -0.02 min
Lab File: BM021657.D
Acq: 26 Jul 2019 04:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	10.9	6.4	9.6





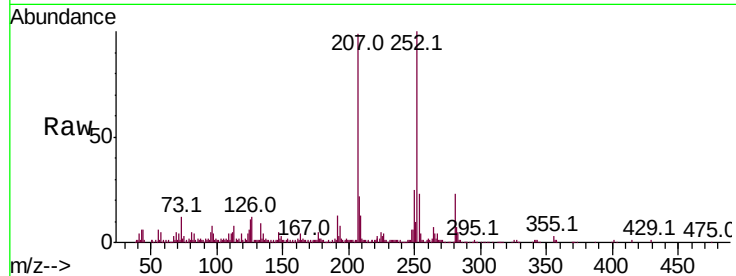
#90
Benzo(a)pyrene
Concen: 3.232 ng/ul
RT: 23.43 min Scan# 3475
Delta R.T. -0.02 min
Lab File: BM021657.D
Acq: 26 Jul 2019 04:20

Instrument :
BNA_M
ClientSampleId :
BEP00

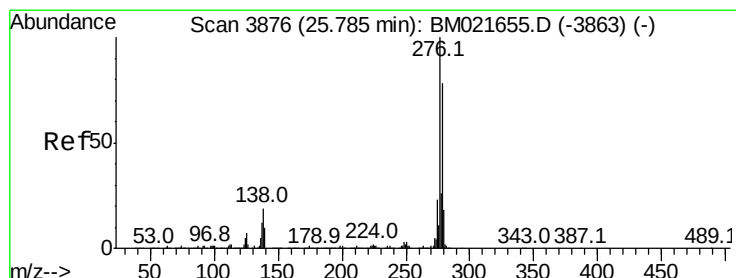
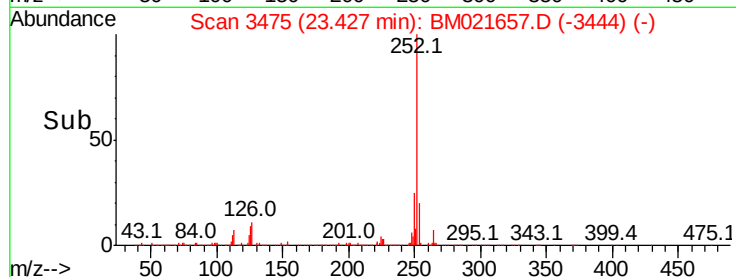
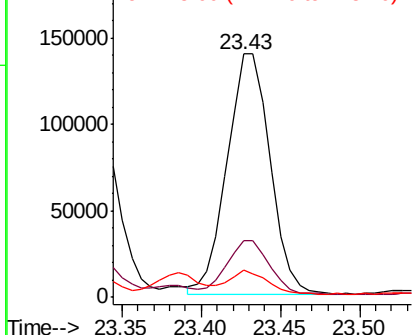
Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.1	17.8	26.6
125	11.0	7.0	10.4

Manual Integrations
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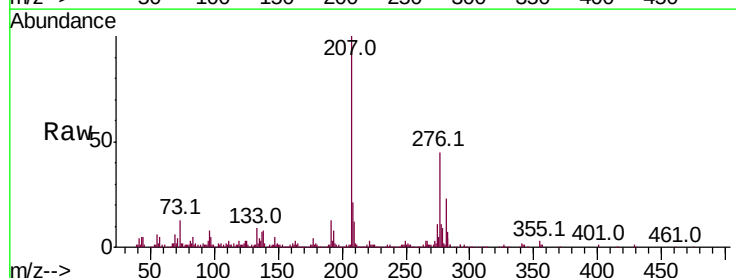


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

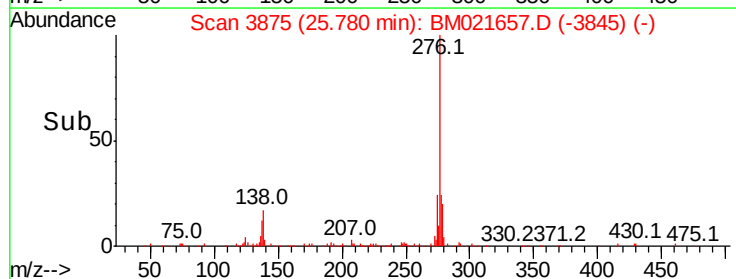
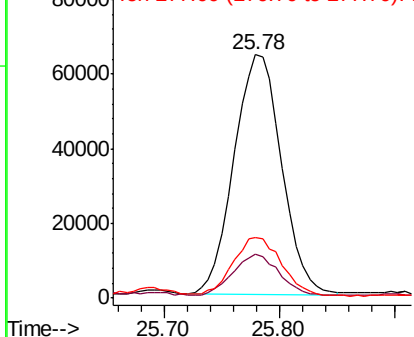


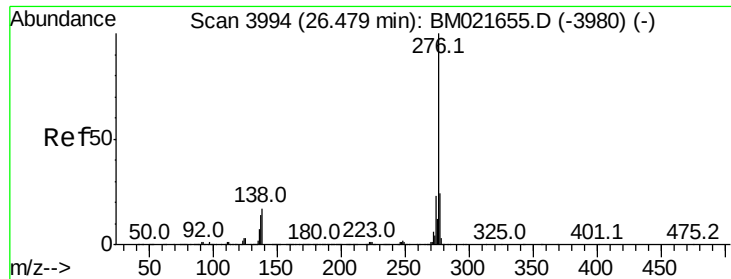
#91
Indeno(1,2,3-cd)pyrene
Concen: 1.882 ng/ul
RT: 25.78 min Scan# 3875
Delta R.T. -0.02 min
Lab File: BM021657.D
Acq: 26 Jul 2019 04:20

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	18.2	15.2	22.8
277	25.0	20.2	30.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#93

Benzo(a,h,i)perylene

Concen: 2.012 ng/ul

RT: 26.47 min Scan# 3993

Delta R.T. -0.02 min

Lab File: BM021657.D

Acq: 26 Jul 2019 04:20

Instrument :

BNA_M

ClientSampleId :

BEP00

Tot Ion:	276	Resp:	160133
Ion Ratio	Lower	Upper	
276	100		
138	17.7	13.7	20.5
277	24.6	19.0	28.6

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