

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
 Data File : BM021175.D
 Acq On : 25 Jun 2019 23:29
 Operator : HP/JU
 Sample : K3498-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AA5

Manual Integrations
 APPROVED

mohammad
 6/27/2019 8:17:20 AM

Quant Time: Jun 26 03:04:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 26 01:32:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	227801	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1015976	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	695869	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1784860	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1770217	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1661458	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	17932	3.74	ng/uL	0.00
5) Phenol-d5	6.94	99	390194	19.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	243525	20.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	335669	20.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	331656	20.04	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	184790	22.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	215431	23.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	426768	22.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	470036	24.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1535405	24.42	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1737628	22.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	151279	14.79	ng/ul	0.00
57) Fluorene-d10	15.40	176	1353390	24.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	174239	15.88	ng/ul	0.00
70) Anthracene-d10	17.26	188	2213599	23.87	ng/ul	0.00
78) Pyrene-d10	19.55	212	2478641	23.33	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	2255374	23.01	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.87	163	300419	5.249	ng/ul 99
69) Phenanthrene	17.20	178	1111037	11.255	ng/ul 100
71) Anthracene	17.29	178	129041	1.283	ng/ul 99
74) Carbazole	17.56	167	136348	1.645	ng/ul 99
76) Fluoranthene	19.22	202	2964850	27.797	ng/ul 100
79) Pyrene	19.58	202	2323696	18.568	ng/ul 100
82) Benzo(a)anthracene	21.32	228	1163363	9.640	ng/ul 99
84) Chrysene	21.37	228	1265727	11.198	ng/ul 98
87) Benzo(b)fluoranthene	22.93	252	1537512	14.609	ng/ul 98
88) Benzo(k)fluoranthene	22.96	252	542211m	5.355	ng/ul
90) Benzo(a)pyrene	23.51	252	830981	8.389	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	25.90	276	557858	4.782	ng/ul# 94
92) Dibenzo(a,h)anthracene	25.90	278	146590	1.494	ng/ul# 87
93) Benzo(g,h,i)perylene	26.60	276	416415	4.334	ng/ul 98

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

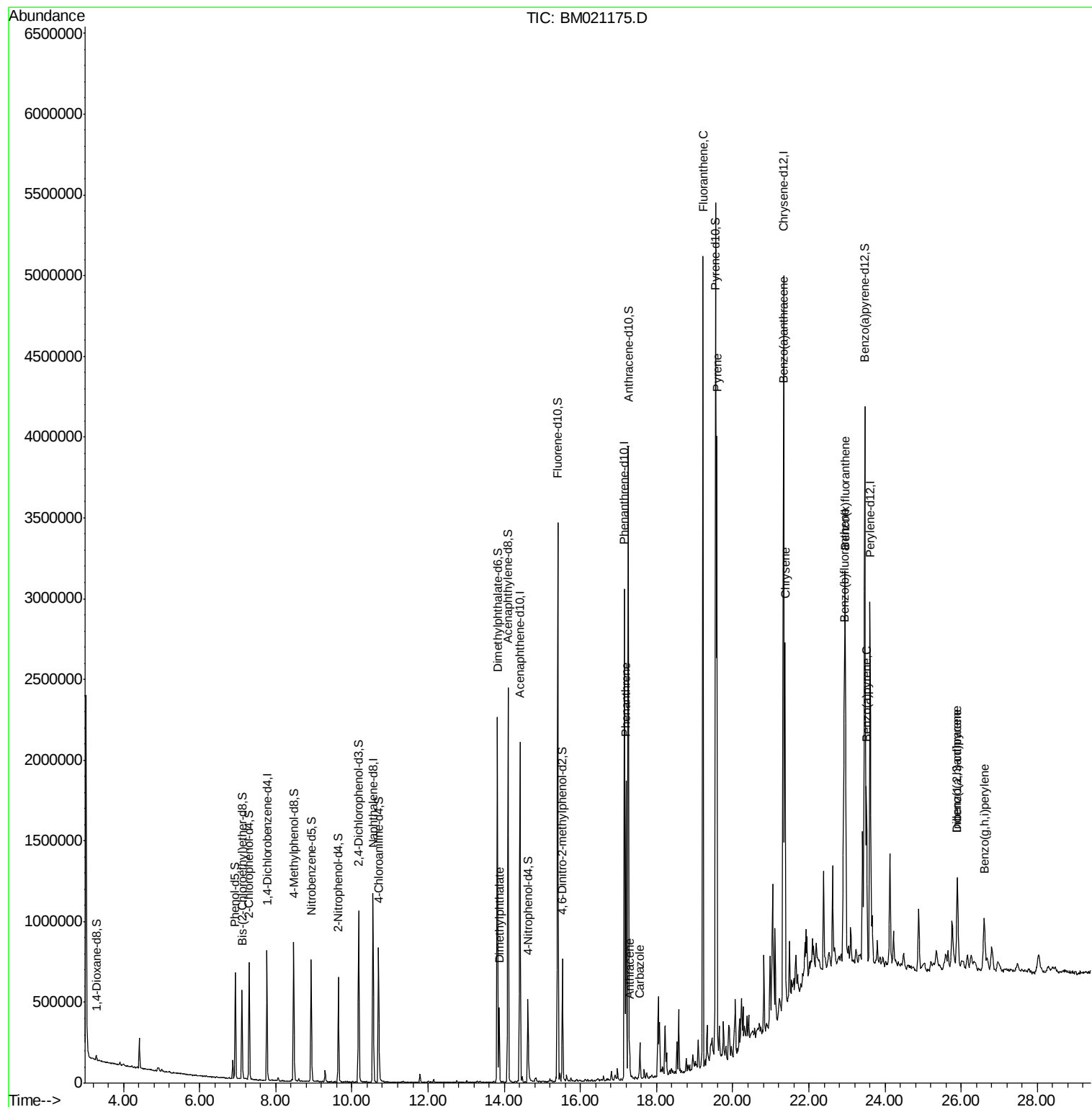
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021175.D
Acq On : 25 Jun 2019 23:29
Operator : HP/JU
Sample : K3498-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

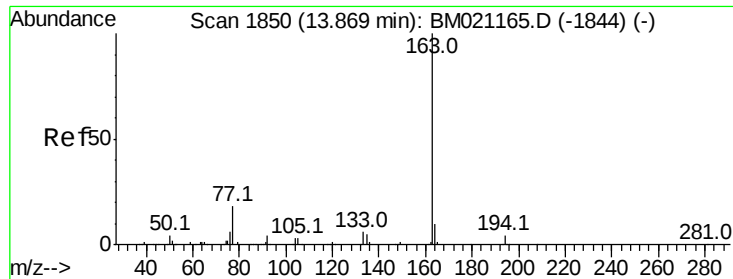
Instrument :
BNA_M
ClientSampleId :
C5AA5

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Quant Time: Jun 26 03:04:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
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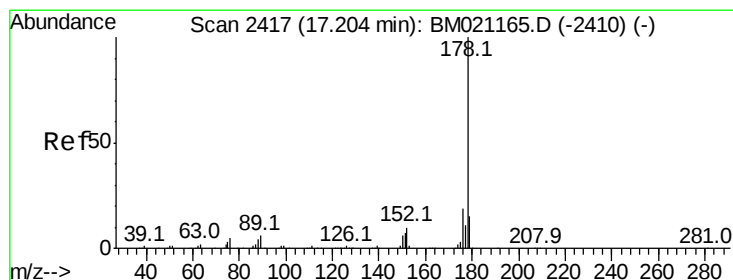
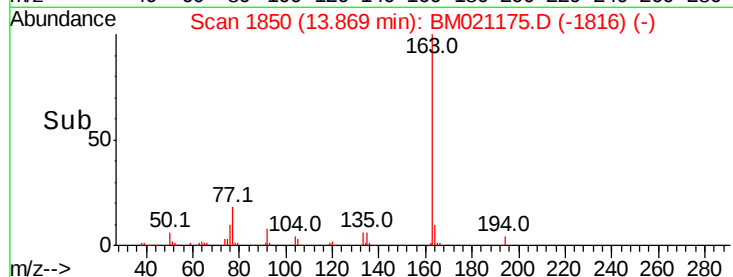
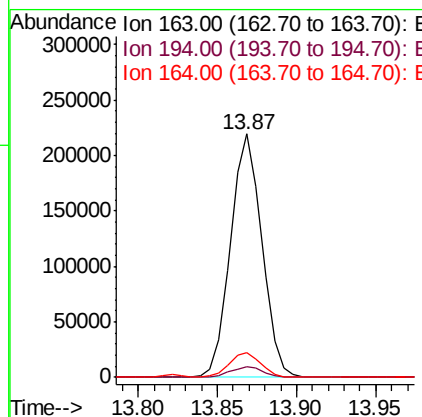
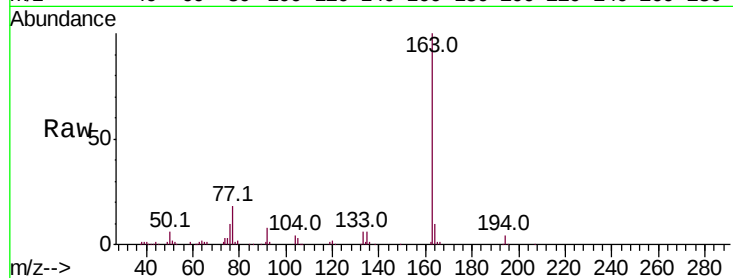
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Dimethylphthalate
Concen: 5.249 ng/ul
RT: 13.87 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BM021175.D
Acq: 25 Jun 2019 23:29

Instrument :
BNA_M
ClientSampleId :
C5AA5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	300419		
194	4.2		3.4	5.2
164	10.1		7.7	11.5

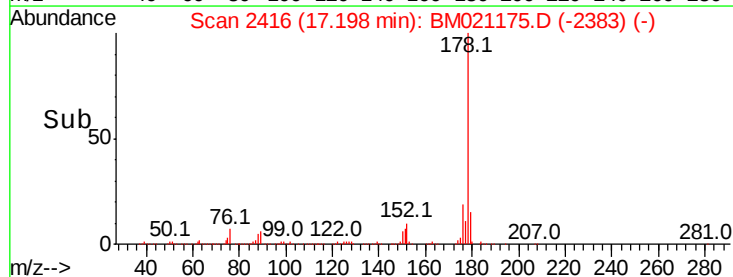
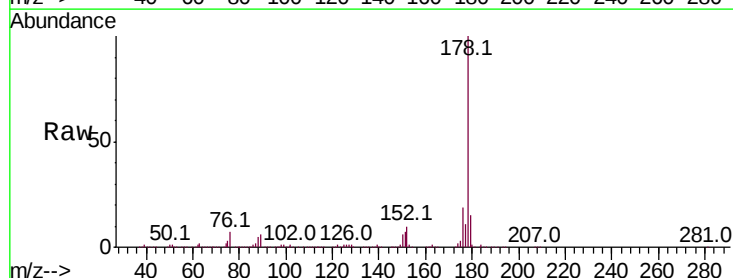
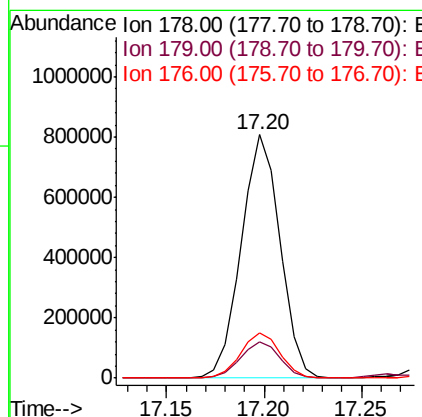
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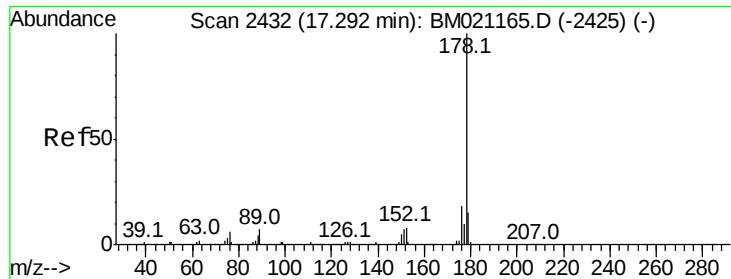
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#69
Phenanthrene
Concen: 11.255 ng/ul
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM021175.D
Acq: 25 Jun 2019 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1111037		
179	15.0		11.8	17.8
176	18.8		15.0	22.6





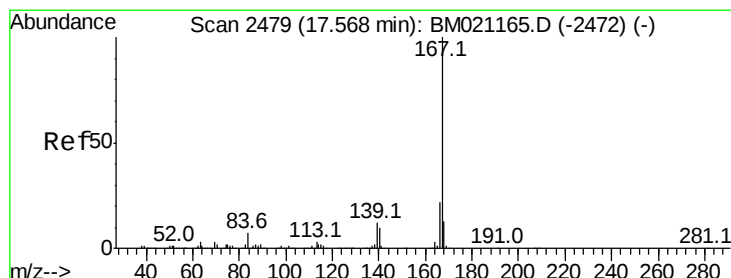
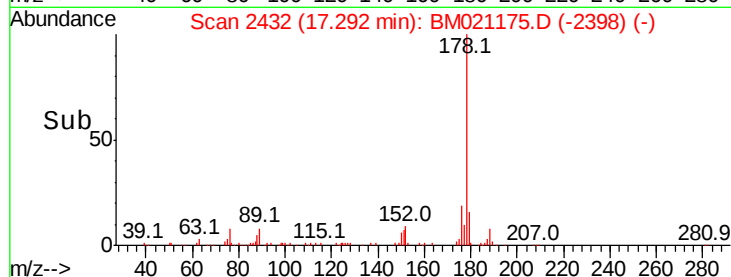
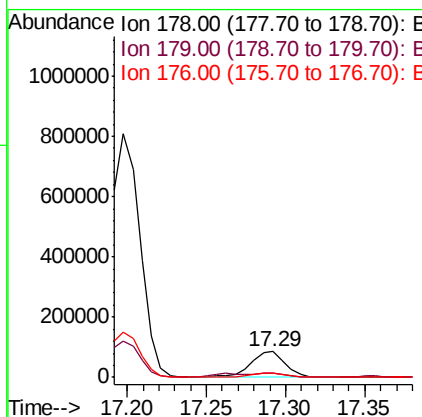
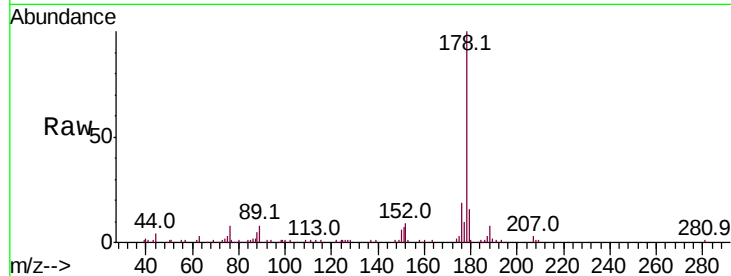
#71
 Anthracene
 Concen: 1.283 ng/ul
 RT: 17.29 min Scan# 2432
 Delta R.T. -0.00 min
 Lab File: BM021175.D
 Acq: 25 Jun 2019 23:29

Instrument :
 BNA_M
 ClientSampleId :
 C5AA5

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.5	18.7
176	18.6	14.6	21.8

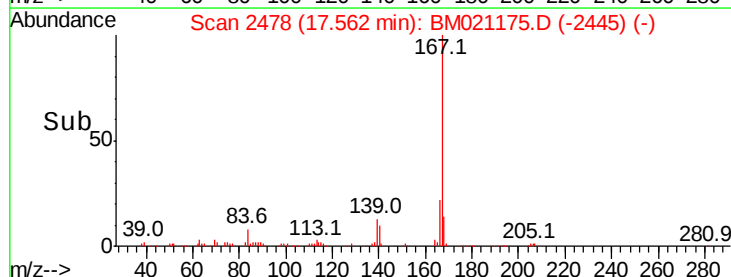
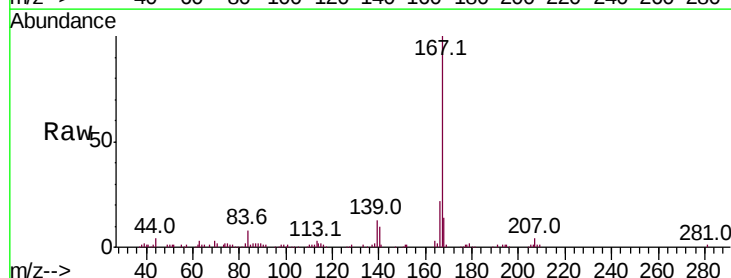
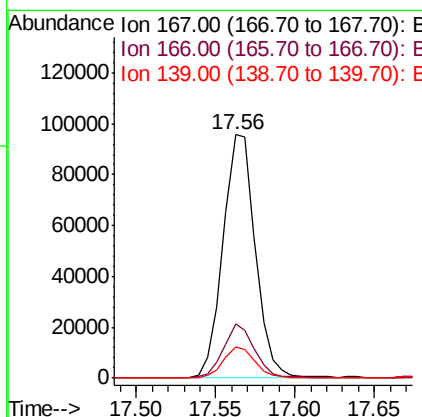
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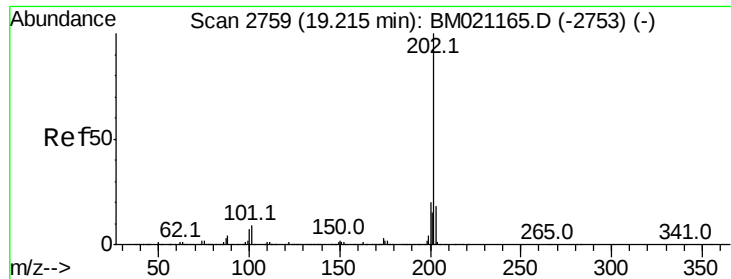
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#74
 Carbazole
 Concen: 1.645 ng/ul
 RT: 17.56 min Scan# 2478
 Delta R.T. -0.01 min
 Lab File: BM021175.D
 Acq: 25 Jun 2019 23:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.2
139	12.6	9.8	14.6





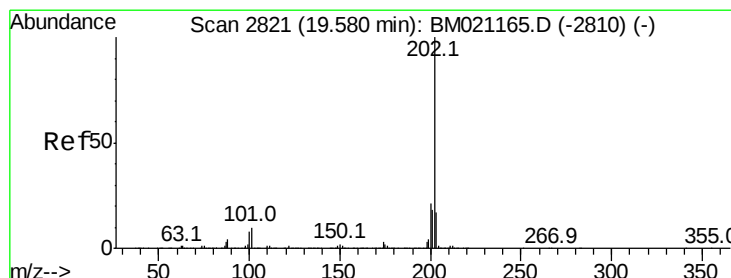
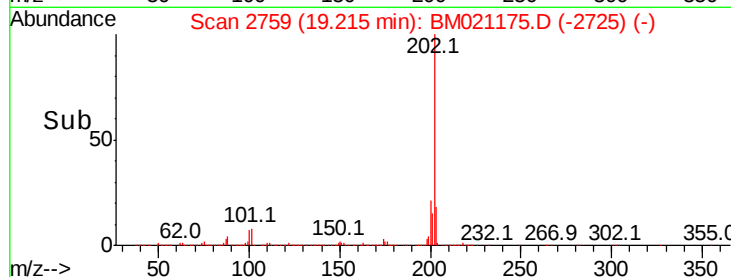
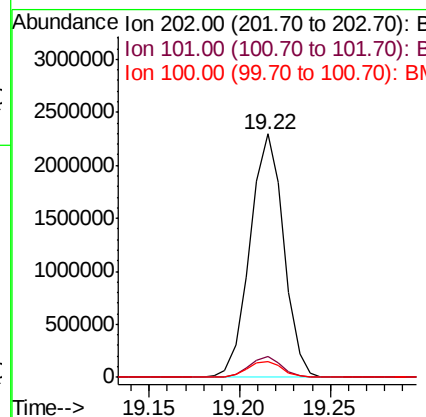
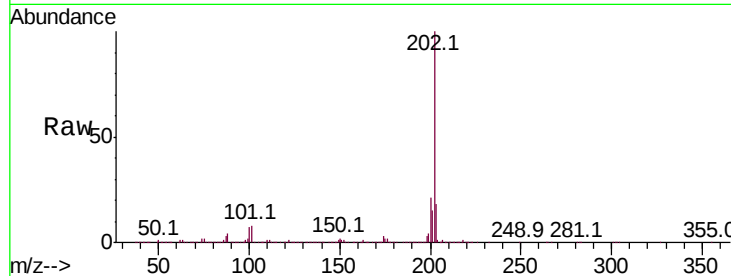
#76
Fluoranthene
Concen: 27.797 ng/ul
RT: 19.22 min Scan# 2759
Delta R.T. -0.00 min
Lab File: BM021175.D
Acq: 25 Jun 2019 23:29

Instrument :
BNA_M
ClientSampleId :
C5AA5

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.7	10.1
100	6.6	5.5	8.3

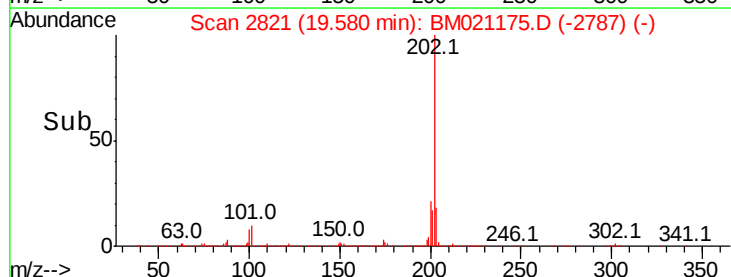
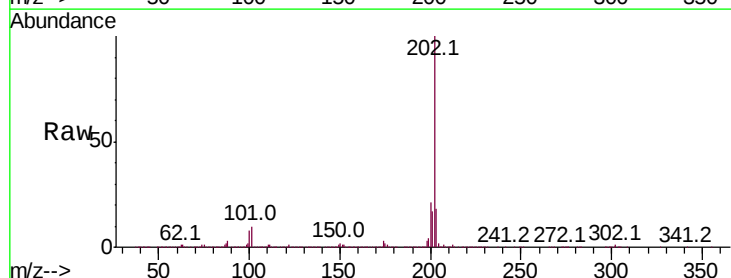
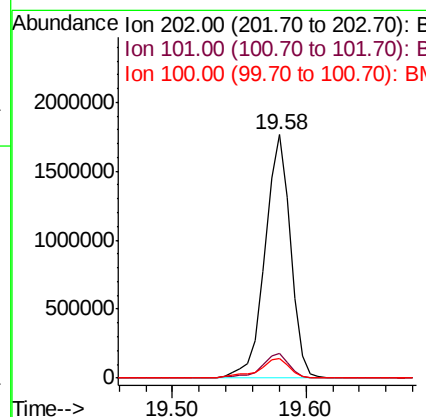
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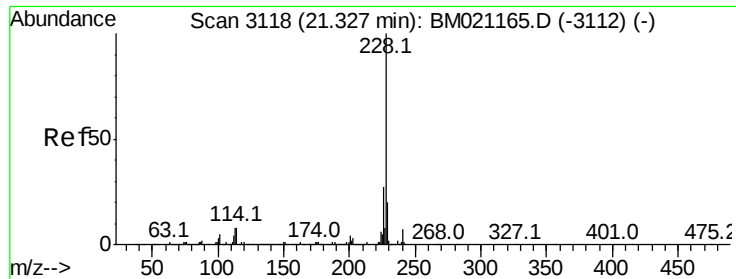
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#79
Pyrene
Concen: 18.568 ng/ul
RT: 19.58 min Scan# 2821
Delta R.T. -0.00 min
Lab File: BM021175.D
Acq: 25 Jun 2019 23:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.1	12.1
100	8.1	6.6	10.0





#82

Benzo(a)anthracene

Concen: 9.640 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM021175.D

Acq: 25 Jun 2019 23:29

Instrument :

BNA_M

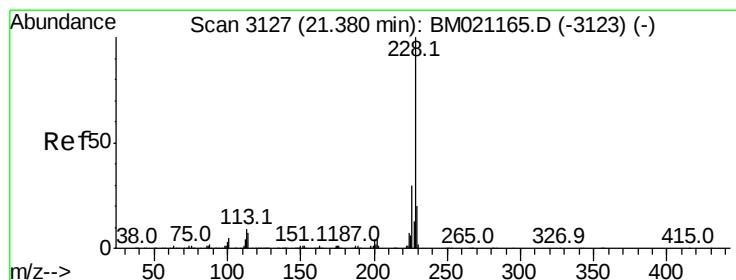
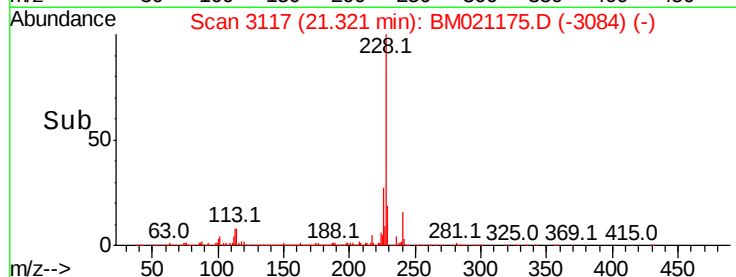
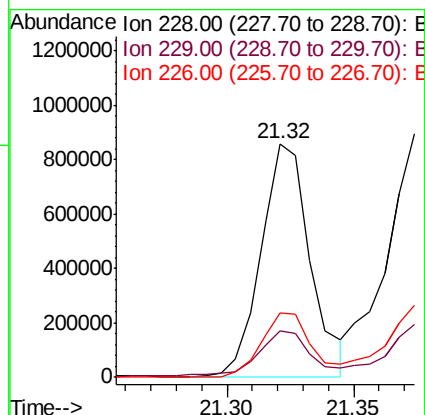
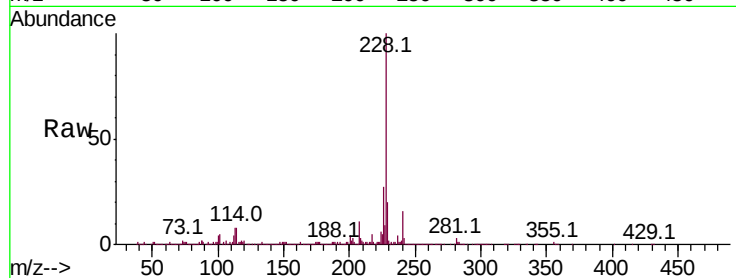
ClientSampled :

C5AA5

Tot Ion:	228	Resp:	1163363
Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.8	23.8
226	27.4	21.4	32.2

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#84

Chrysene

Concen: 11.198 ng/ul

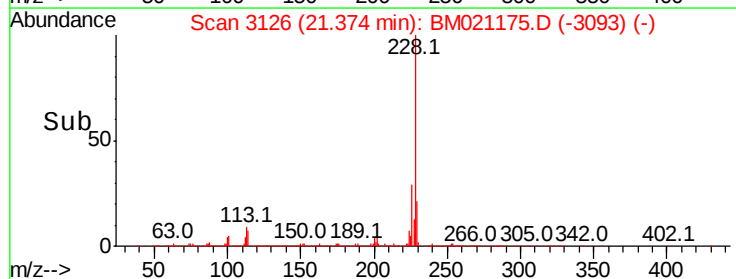
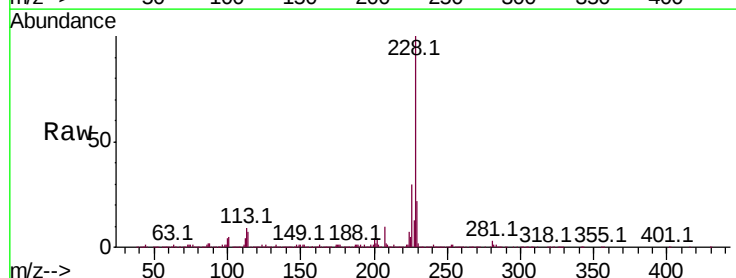
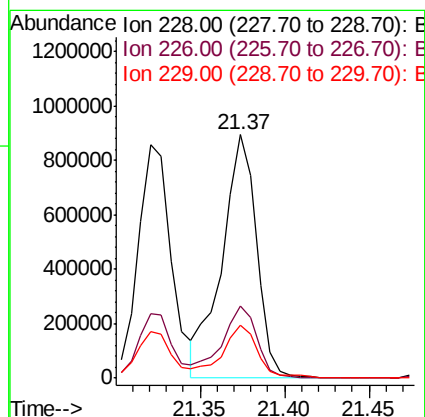
RT: 21.37 min Scan# 3126

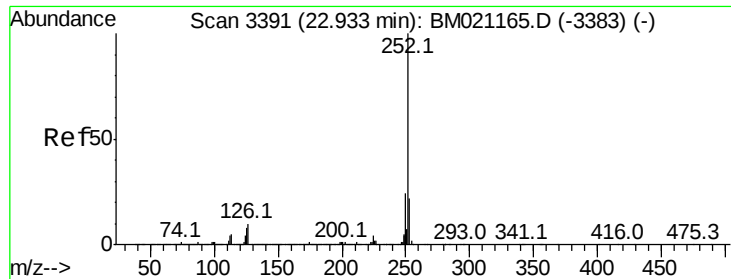
Delta R.T. -0.01 min

Lab File: BM021175.D

Acq: 25 Jun 2019 23:29

Tgt Ion:	228	Resp:	1265727
Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	21.5	15.4	23.2





#87

Benzo(b)fluoranthene

Concen: 14.609 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. -0.01 min

Lab File: BM021175.D

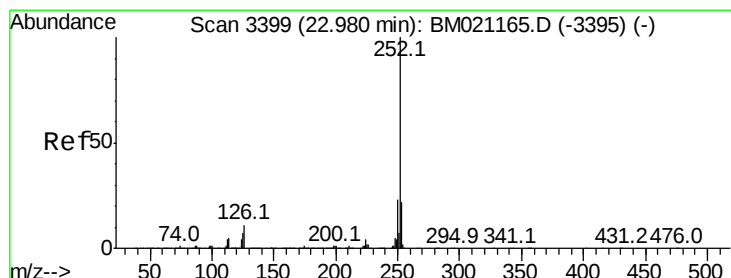
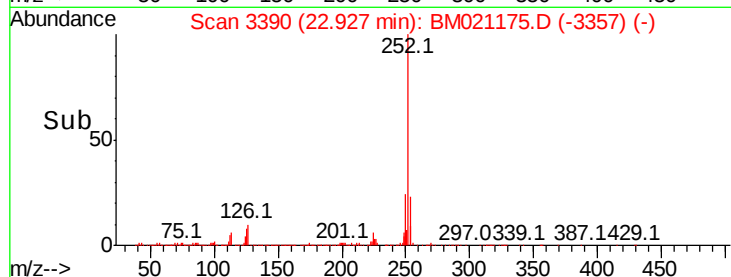
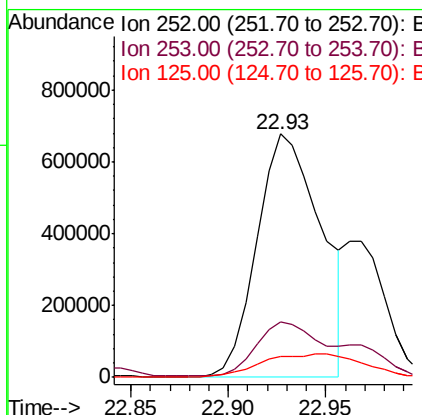
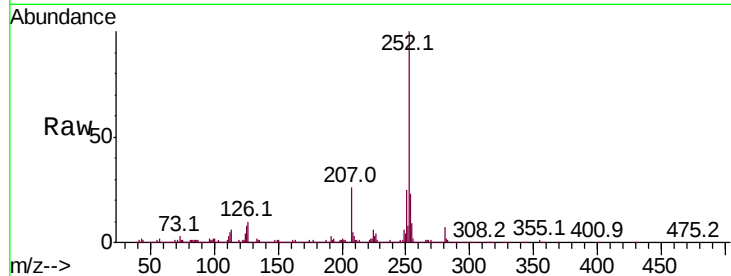
Acq: 25 Jun 2019 23:29

Instrument :
BNA_M
ClientSampleId :
C5AA5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	8.4	6.3	9.5

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 5.355 ng/ul m

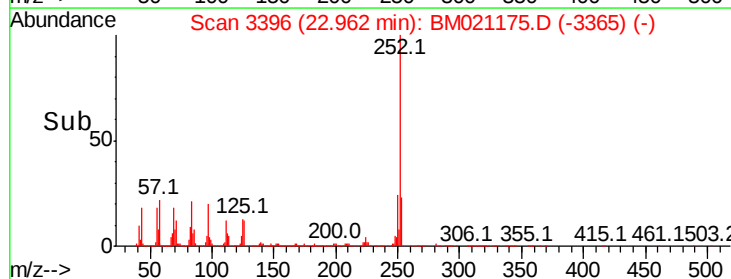
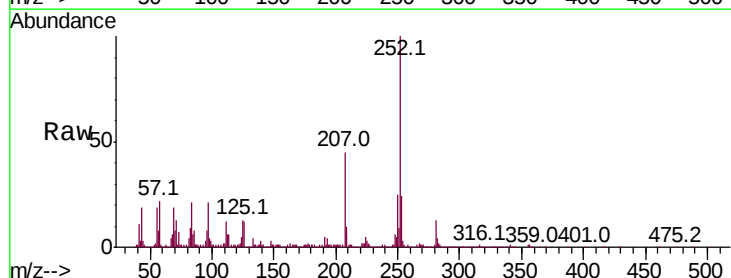
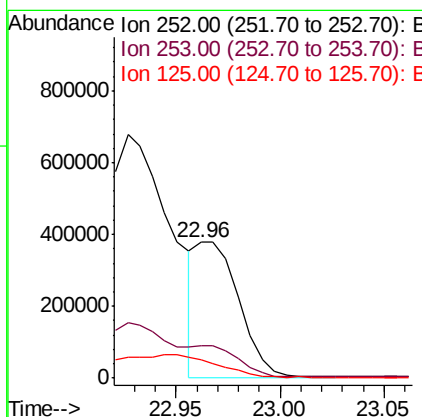
RT: 22.96 min Scan# 3396

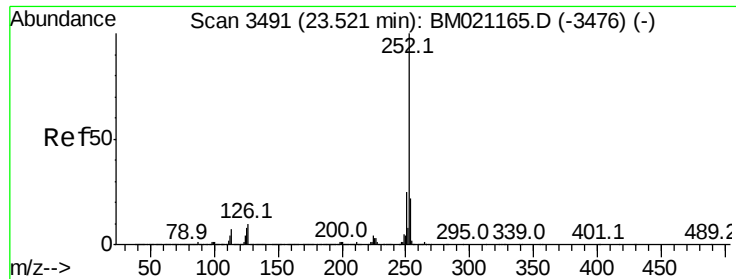
Delta R.T. -0.02 min

Lab File: BM021175.D

Acq: 25 Jun 2019 23:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	13.4	6.6	9.8#





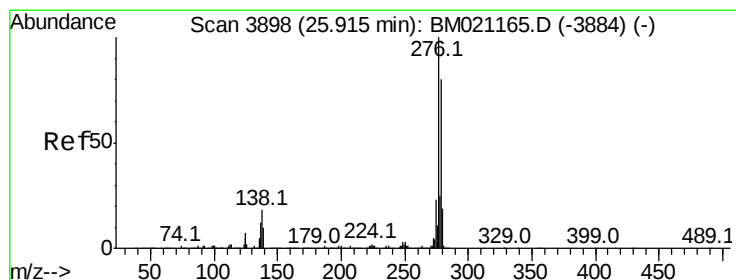
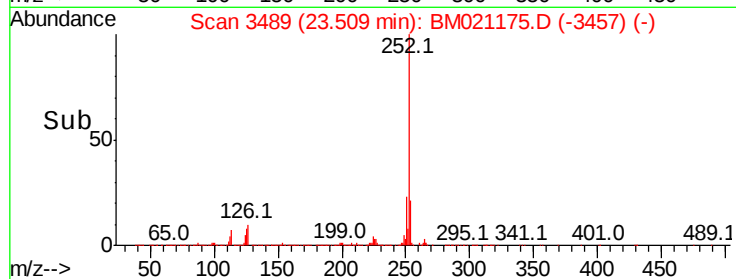
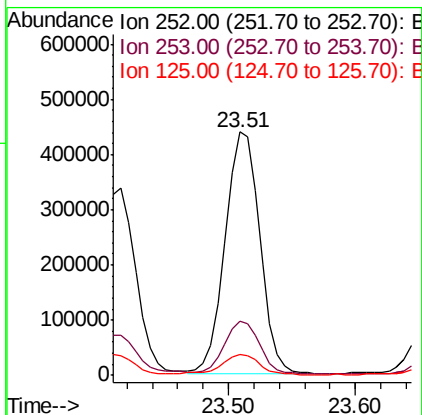
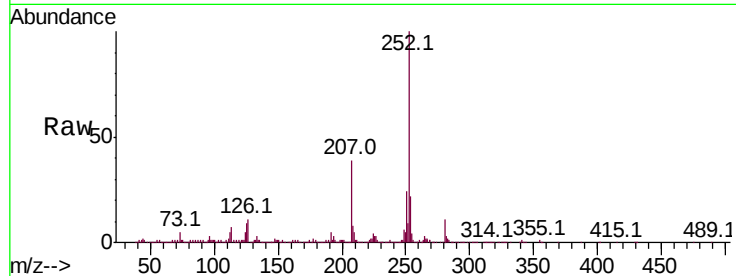
#90
Benzo(a)pyrene
Concen: 8.389 ng/ul
RT: 23.51 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BM021175.D
Acq: 25 Jun 2019 23:29

Instrument :
BNA_M
ClientSampleID :
C5AA5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	8.5	7.2	10.8

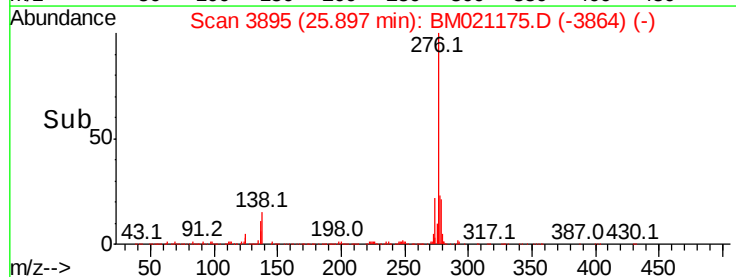
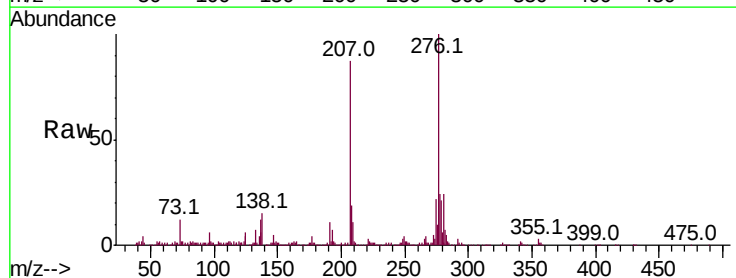
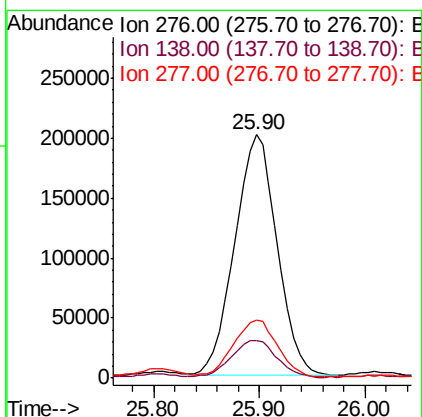
Manual Integrations
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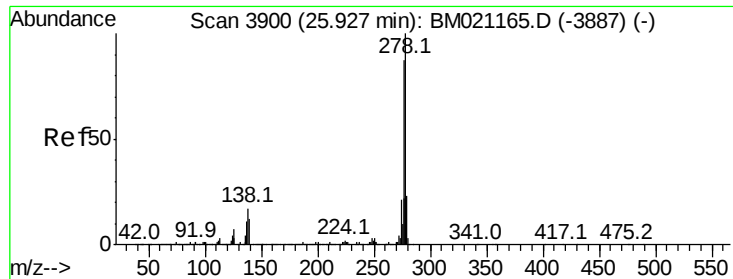
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#91
Indeno(1,2,3-cd)pyrene
Concen: 4.782 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.02 min
Lab File: BM021175.D
Acq: 25 Jun 2019 23:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.3	15.9	23.9#
277	23.8	20.4	30.6





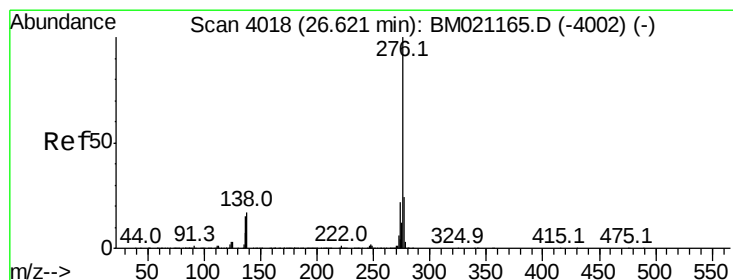
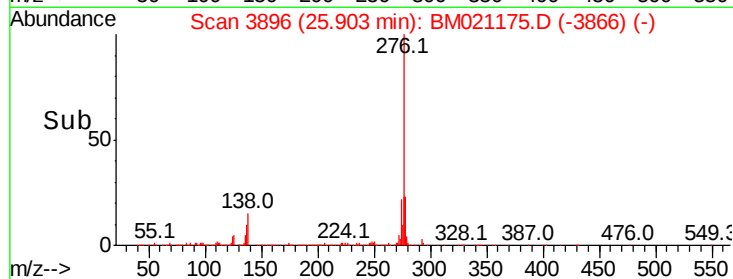
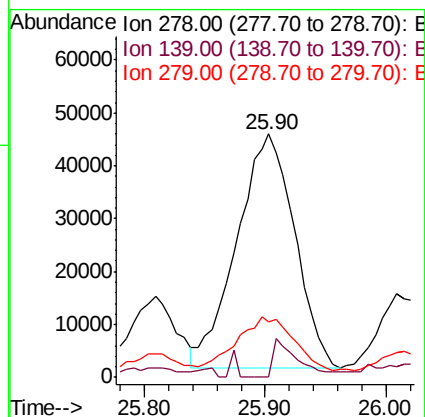
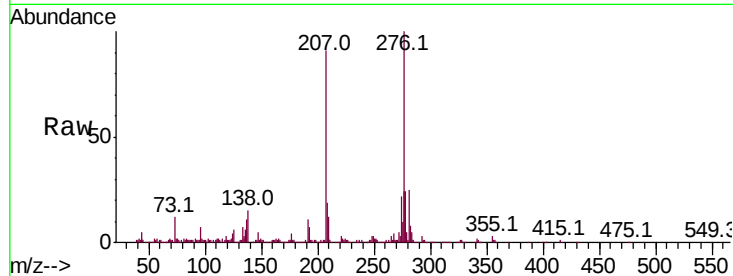
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Dibenzo(a,h)anthracene
Concen: 1.494 ng/ul
RT: 25.90 min Scan# 3896
Delta R.T. -0.02 min
Lab File: BM021175.D
Acq: 25 Jun 2019 23:29

Instrument :
BNA_M
ClientSampleId :
C5AA5

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.6	15.8#
279	22.6	19.0	28.4

Manual Integrations
APPROVED

mohammad
6/27/2019 8:17:20 AM



#93
Benzo(g,h,i)perylene
Concen: 4.334 ng/ul
RT: 26.60 min Scan# 4015
Delta R.T. -0.02 min
Lab File: BM021175.D
Acq: 25 Jun 2019 23:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.4	14.6	21.8
277	24.3	18.9	28.3

