

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
 Data File : BM021285.D
 Acq On : 30 Jun 2019 05:07
 Operator : HP/JU
 Sample : K3590-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BA7

Manual Integrations
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Quant Time: Jun 30 05:46:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 30 03:35:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	277956	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1241693	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	802540	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1756177	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1269760	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1453740	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	13926	2.38	ng/uL	0.00
5) Phenol-d5	6.93	99	383576	15.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	214549	14.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	316557	16.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	335273	16.60	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	167875	16.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	199999	17.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	393842	17.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	404641	17.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1271528	17.53	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1494486	16.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	153390	13.00	ng/ul	0.00
57) Fluorene-d10	15.40	176	1097635	17.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	118315	10.96	ng/ul	0.00
70) Anthracene-d10	17.25	188	1591865	17.44	ng/ul	0.00
78) Pyrene-d10	19.54	212	1531961	20.11	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1525005	17.78	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.86	163	204148	3.093	ng/ul 98
69) Phenanthrene	17.19	178	489071	5.035	ng/ul 99
76) Fluoranthene	19.21	202	1106638	10.545	ng/ul 100
79) Pyrene	19.57	202	894150	9.961	ng/ul 99
82) Benzo(a)anthracene	21.32	228	434021	5.014	ng/ul 99
84) Chrysene	21.37	228	476133	5.873	ng/ul 97
87) Benzo(b)fluoranthene	22.92	252	727623	7.901	ng/ul 97
88) Benzo(k)fluoranthene	22.96	252	187930m	2.121	ng/ul
90) Benzo(a)pyrene	23.50	252	438802	5.063	ng/ul 100
91) Indeno(1,2,3-cd)pyrene	25.90	276	343961	3.370	ng/ul# 94
93) Benzo(g,h,i)perylene	26.60	276	314755	3.744	ng/ul 97

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

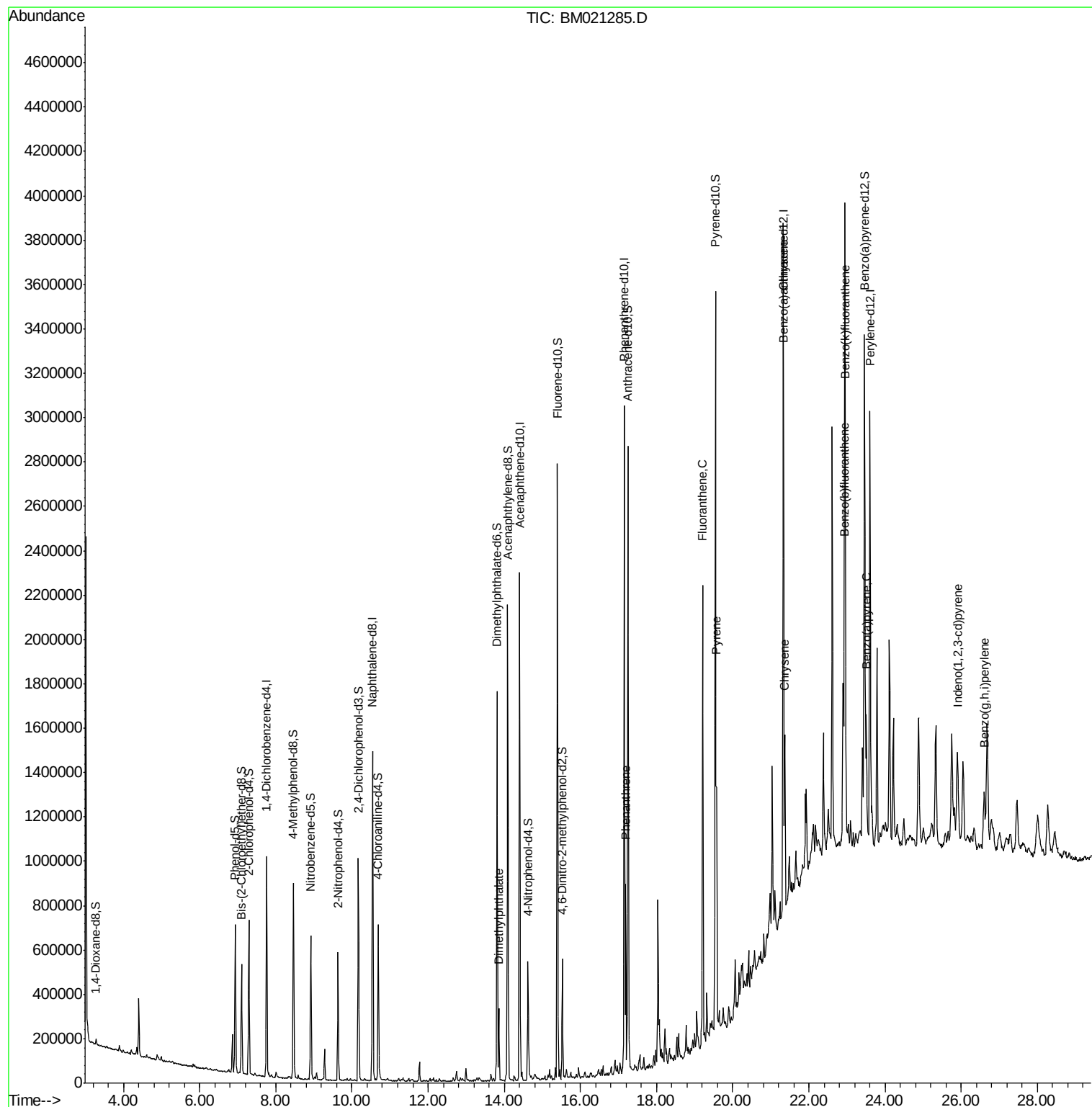
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021285.D
Acq On : 30 Jun 2019 05:07
Operator : HP/JU
Sample : K3590-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

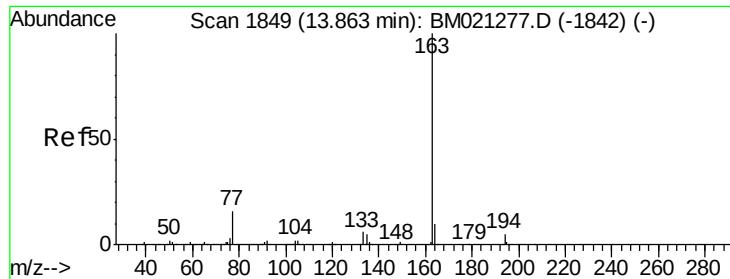
Instrument :
BNA_M
ClientSampleId :
C5BA7

Quant Time: Jun 30 05:46:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 30 03:35:19 2019
Response via : Initial Calibration

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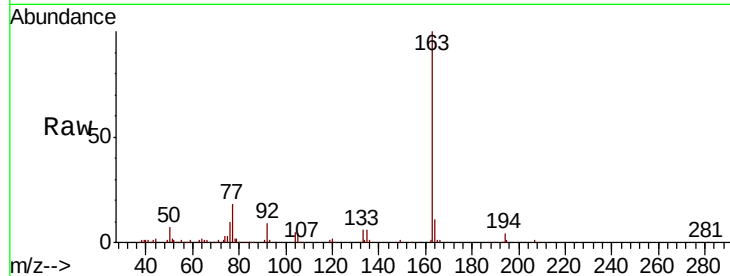
#44
Dimethylphthalate
Concen: 3.093 ng/ul
RT: 13.86 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM021285.D
Acq: 30 Jun 2019 05:07

Instrument :
BNA_M
ClientSampleId :
C5BA7

Tot Ion	Ratio	Resp	Lower	Upper
163	100	204148		
194	4.3		3.4	5.2
164	10.8		7.7	11.5

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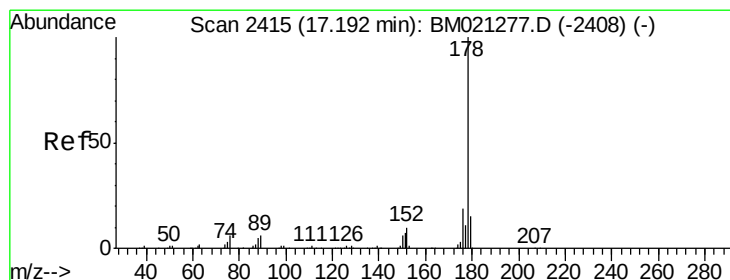
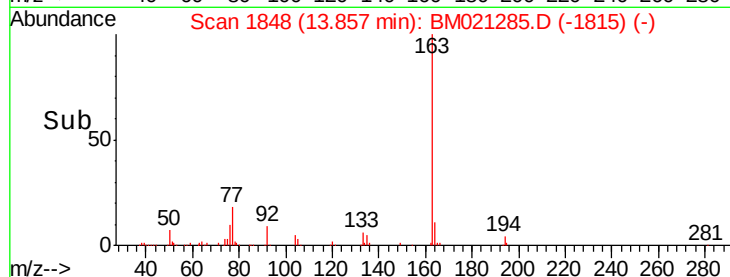
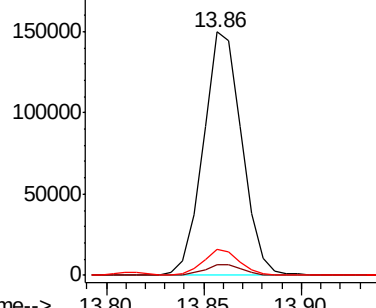


Abundance

Ion 163.00 (162.70 to 163.70): E

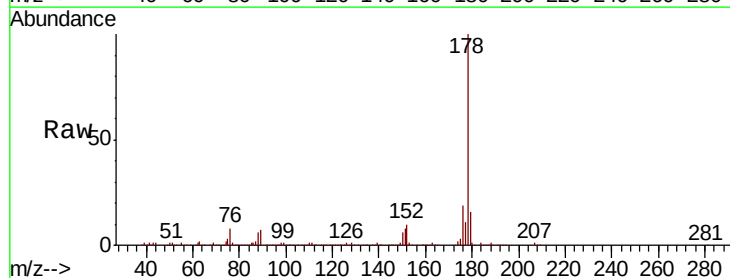
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 5.035 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BM021285.D
Acq: 30 Jun 2019 05:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	489071		
179	15.8		11.8	17.8
176	18.8		15.0	22.6

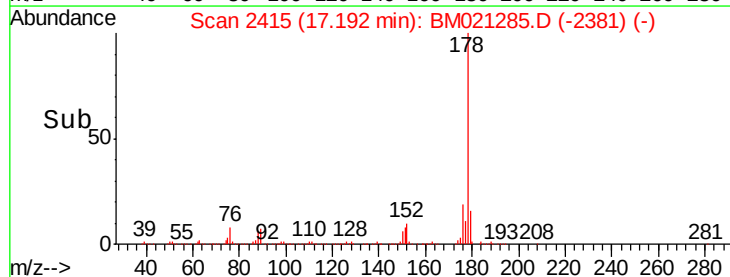
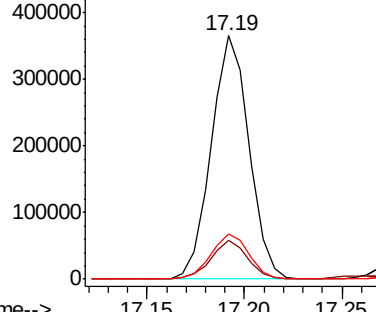


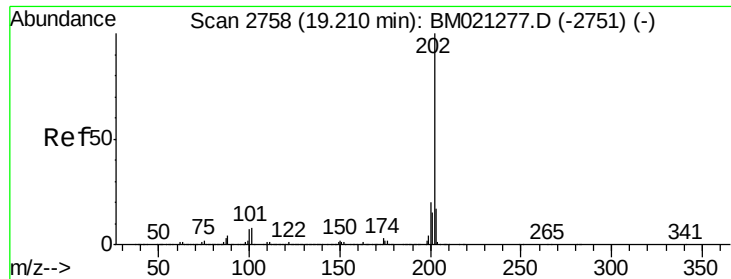
Abundance

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

Fluoranthene

Concen: 10.545 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. -0.00 min

Lab File: BM021285.D

Acq: 30 Jun 2019 05:07

Instrument :

BNA_M

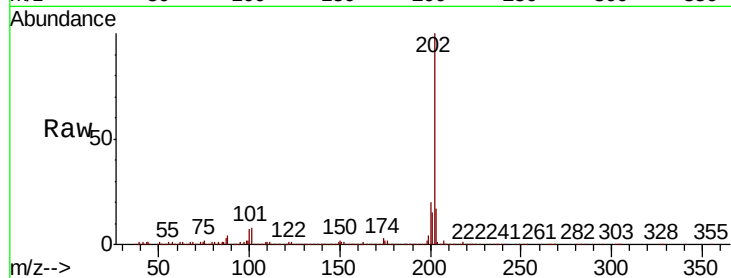
ClientSampleId :

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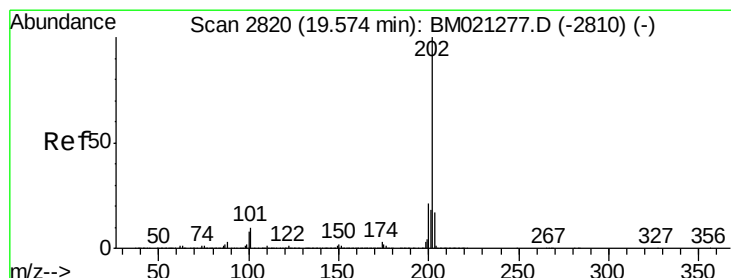
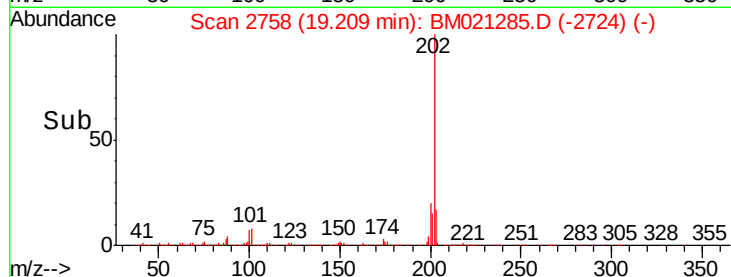
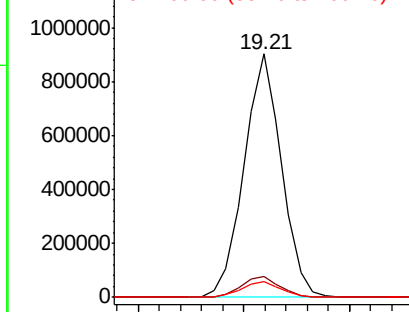
Tot Ion:	202	Resp:	1106638
Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.7	10.1
100	6.7	5.5	8.3

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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



#79

Pyrene

Concen: 9.961 ng/ul

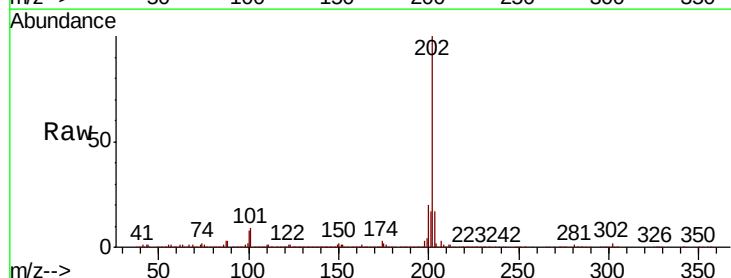
RT: 19.57 min Scan# 2820

Delta R.T. -0.00 min

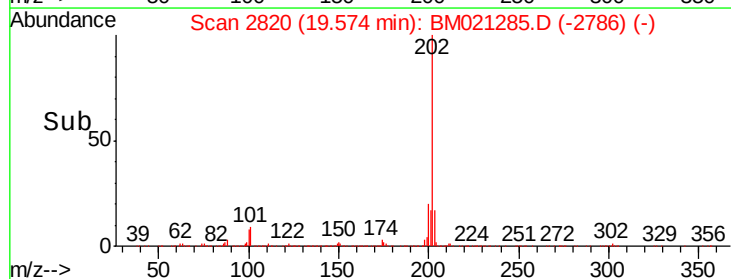
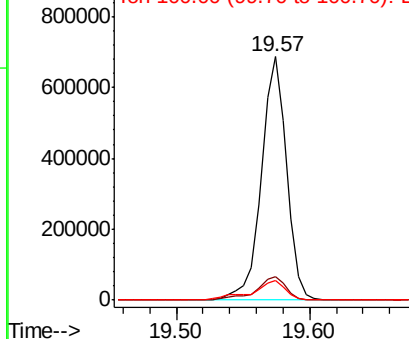
Lab File: BM021285.D

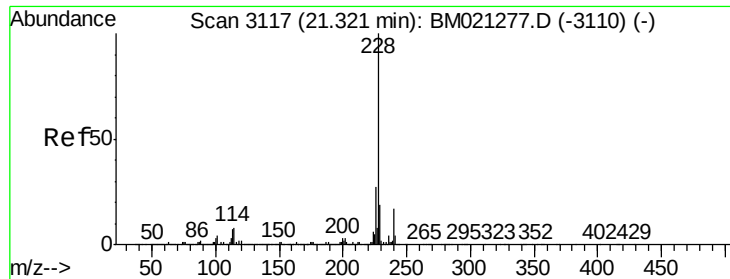
Acq: 30 Jun 2019 05:07

Tgt Ion:	202	Resp:	894150
Ion	Ratio	Lower	Upper
202	100		
101	9.4	8.1	12.1
100	8.2	6.6	10.0



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





#82

Benzo(a)anthracene

Concen: 5.014 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BM021285.D

Acq: 30 Jun 2019 05:07

Instrument :

BNA_M

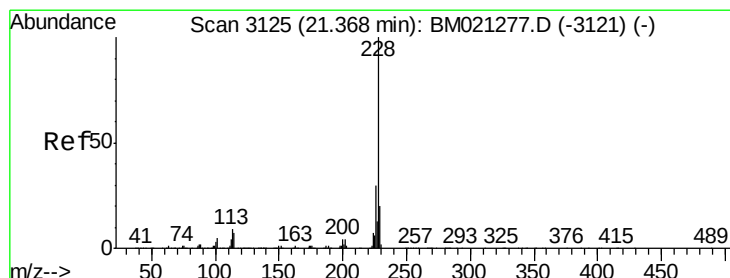
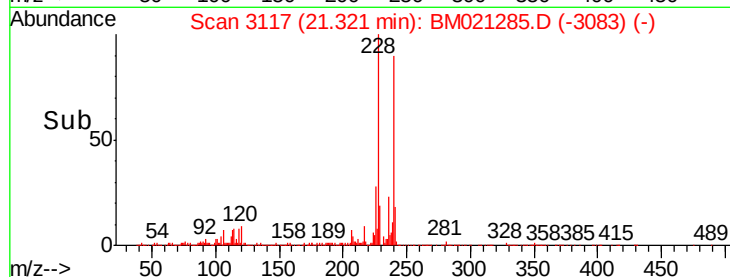
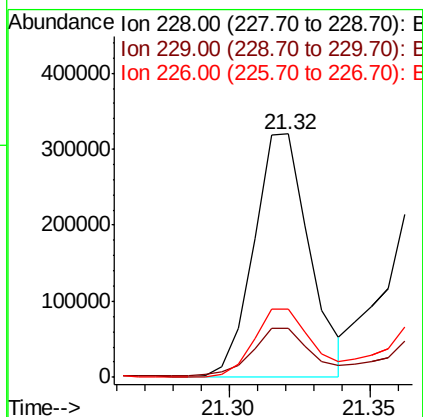
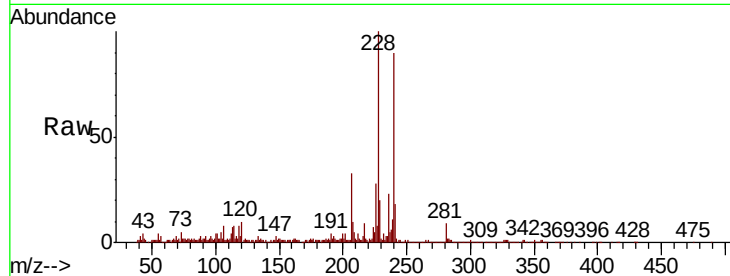
ClientSampleId :

C5BA7

Tot Ion:	228	Resp:	434021
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.8	23.8
226	27.8	21.4	32.2

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#84

Chrysene

Concen: 5.873 ng/ul

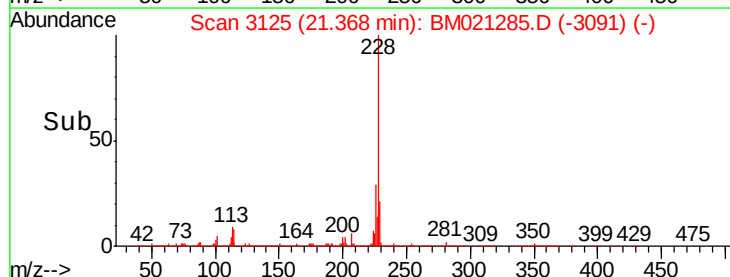
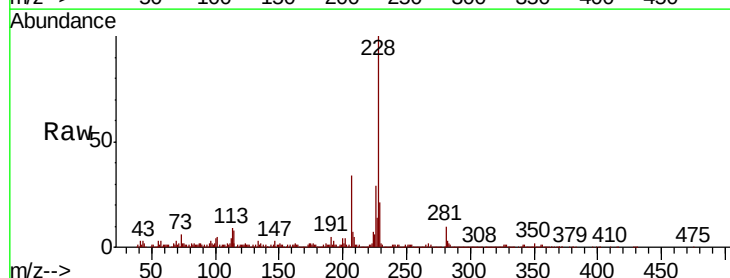
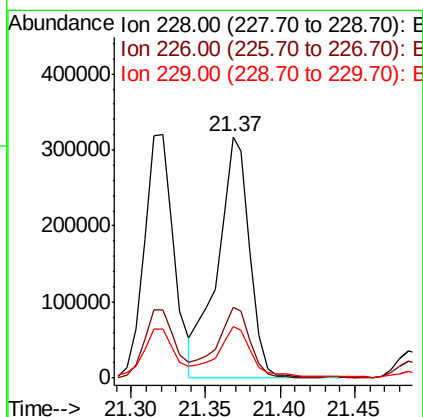
RT: 21.37 min Scan# 3125

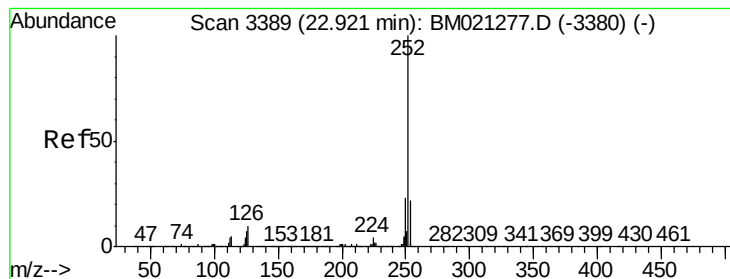
Delta R.T. -0.00 min

Lab File: BM021285.D

Acq: 30 Jun 2019 05:07

Tgt Ion:	228	Resp:	476133
Ion Ratio	Lower	Upper	
228	100		
226	29.1	23.9	35.9
229	21.3	15.4	23.2





#87

Benzo(b)fluoranthene

Concen: 7.901 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.00 min

Lab File: BM021285.D

Acq: 30 Jun 2019 05:07

Instrument :

BNA_M

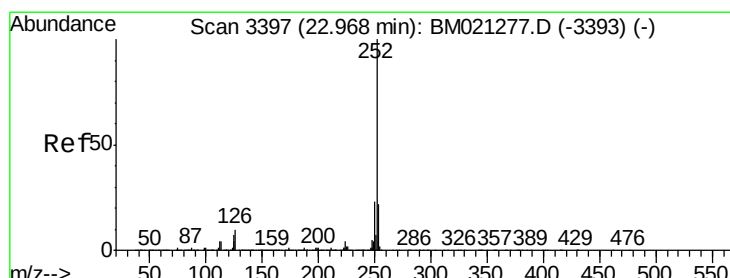
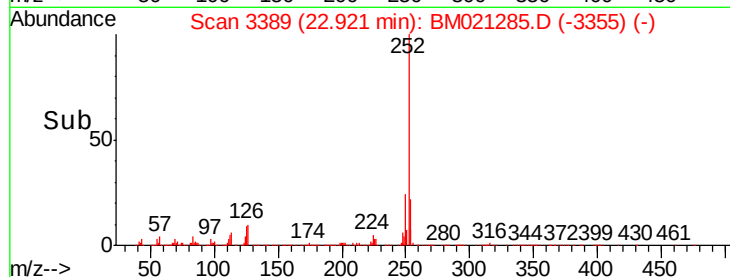
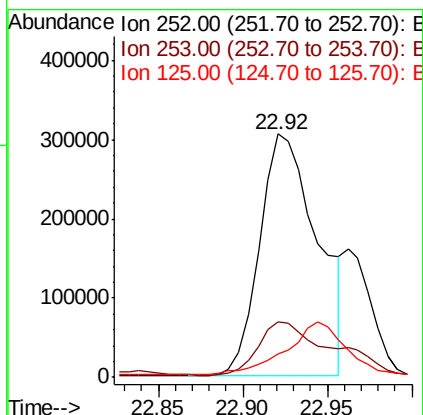
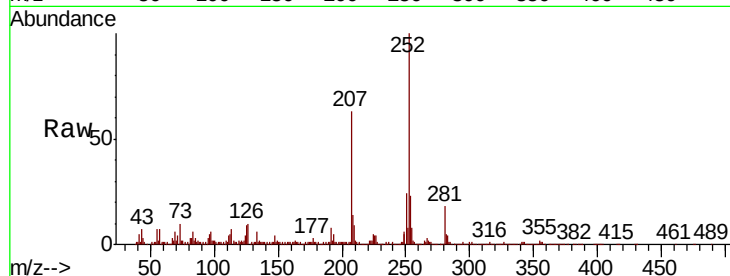
ClientSampleId :

C5BA7

Tot Ion:	252	Resp:	727623
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.5	26.3
125	9.4	6.3	9.5

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#88

Benzo(k)fluoranthene

Concen: 2.121 ng/ul m

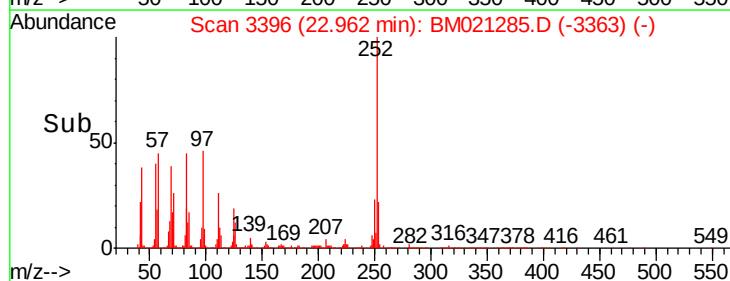
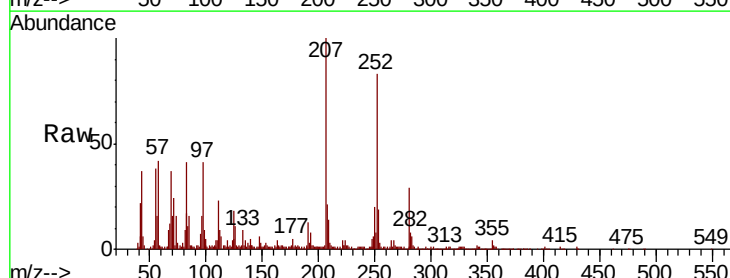
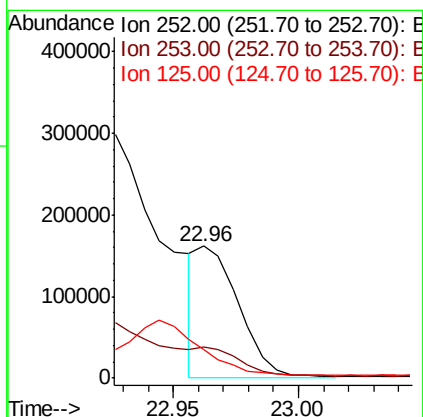
RT: 22.96 min Scan# 3396

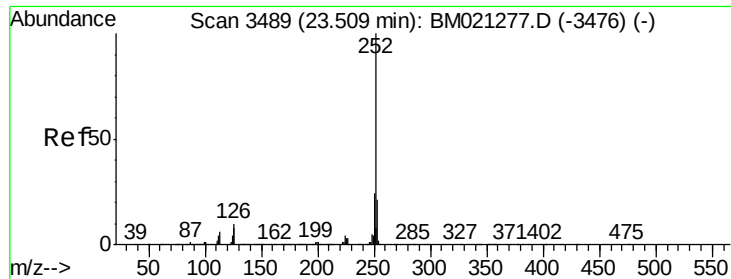
Delta R.T. -0.01 min

Lab File: BM021285.D

Acq: 30 Jun 2019 05:07

Tgt Ion:	252	Resp:	187930
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.5	26.3
125	21.2	6.6	9.8#





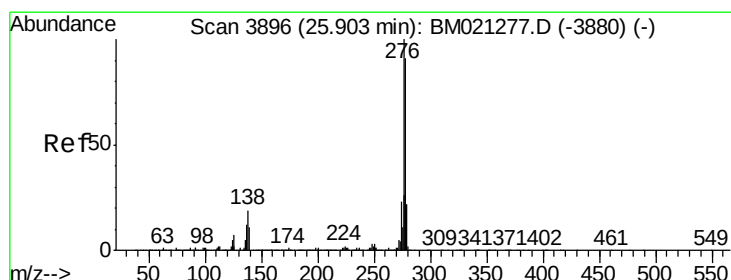
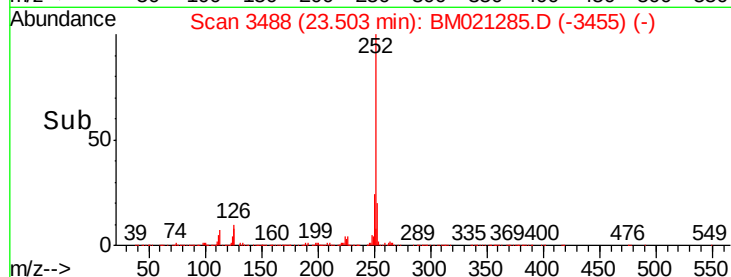
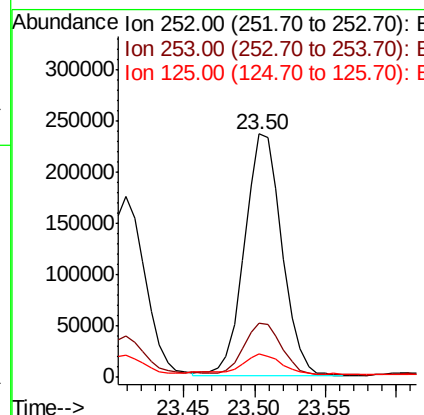
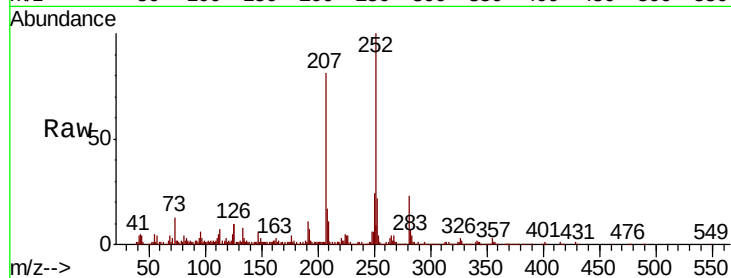
#90
Benzo(a)pyrene
Concen: 5.063 ng/ul
RT: 23.50 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BM021285.D
Acq: 30 Jun 2019 05:07

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	9.6	7.2	10.8

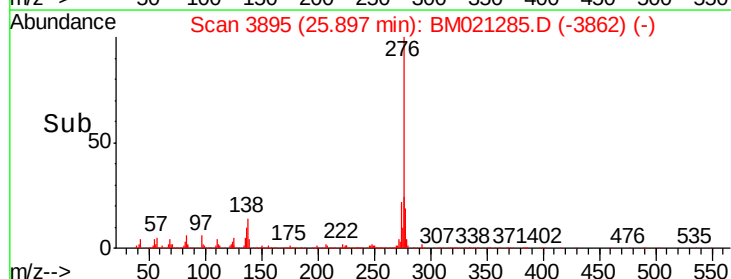
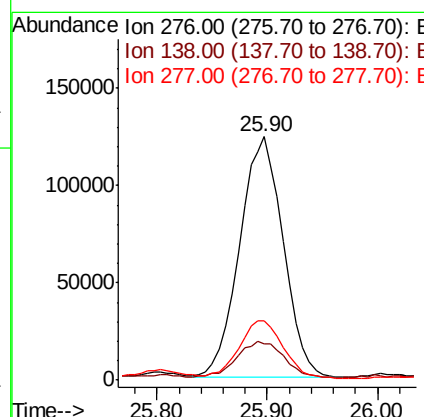
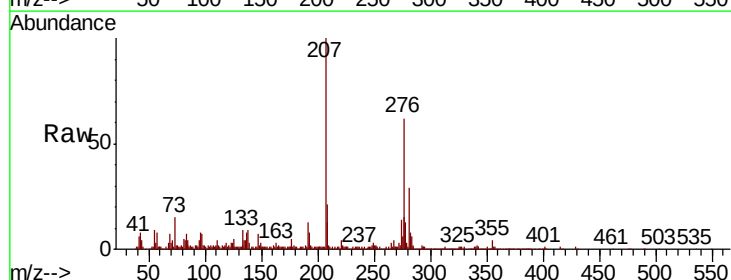
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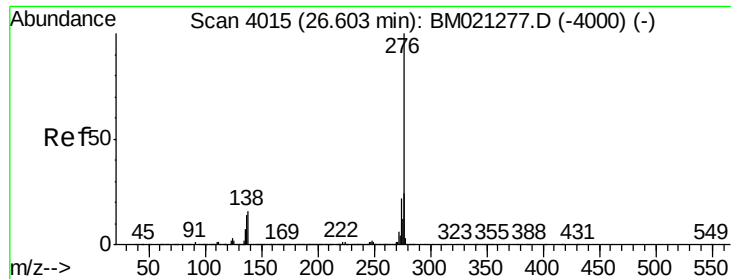
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#91
Indeno(1,2,3-cd)pyrene
Concen: 3.370 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.01 min
Lab File: BM021285.D
Acq: 30 Jun 2019 05:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.2	15.9	23.9#
277	24.5	20.4	30.6





#93
 Benzo(a,h,i)perylene
 Concen: 3.744 ng/ul
 RT: 26.60 min Scan# 4015
 Delta R.T. -0.00 min
 Lab File: BM021285.D
 Acq: 30 Jun 2019 05:07

Instrument :
 BNA_M
 ClientSampleId :
 C5BA7

Tot Ion:	276	Resp:	314755
Ion Ratio	Lower	Upper	
276	100		
138	17.1	14.6	21.8
277	24.9	18.9	28.3

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