

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
 Data File : BM020769.D
 Acq On : 06 Jun 2019 18:33
 Operator : HP/JU
 Sample : K3202-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD2

Manual Integrations
 APPROVED

mohammad
 6/7/2019 2:14:14 PM

Quant Time: Jun 07 05:55:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 07 05:12:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	253397	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1062780	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	589635	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1278349	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1177387	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1316682	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	12906	2.43	ng/uL	0.00
5) Phenol-d5	6.97	99	179994	9.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	144081	12.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	166347	10.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	129011	8.27	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	84431	11.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	79336	10.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	155967	10.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	164897	8.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	571066	13.09	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	622789	11.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	35310	4.72	ng/ul	0.00
57) Fluorene-d10	15.44	176	466871	12.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	37598	5.75	ng/ul	0.00
70) Anthracene-d10	17.29	188	673354	12.06	ng/ul	0.00
78) Pyrene-d10	19.59	212	692559	12.17	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	667163	11.15	ng/ul	0.00

Target Compounds

					Ovalue
14) Acetophenone	8.63	105	32823	1.362	ng/ul 98
28) Naphthalene	10.65	128	65129	1.305	ng/ul 99
34) 2-Methylnaphthalene	12.26	142	50623	1.381	ng/ul 94
44) Dimethylphthalate	13.90	163	143029	3.275	ng/ul 99
47) Acenaphthylene	14.17	152	73040	1.365	ng/ul 98
49) Acenaphthene	14.51	153	105198	2.817	ng/ul 98
53) Dibenzofuran	14.85	168	158598	3.002	ng/ul 98
58) Fluorene	15.50	166	167727	3.954	ng/ul 97
69) Phenanthrene	17.24	178	2159127	33.560	ng/ul 99
71) Anthracene	17.33	178	573272	8.693	ng/ul 99
74) Carbazole	17.60	167	146853	2.561	ng/ul 99
76) Fluoranthene	19.25	202	2358530	31.990	ng/ul 100
79) Pyrene	19.62	202	1770827	24.365	ng/ul 99
82) Benzo(a)anthracene	21.36	228	1194798	16.267	ng/ul 98
84) Chrysene	21.41	228	993511	14.578	ng/ul 96
87) Benzo(b)fluoranthene	22.97	252	1153674	15.062	ng/ul 98
88) Benzo(k)fluoranthene	23.01	252	444903m	6.077	ng/ul
90) Benzo(a)pyrene	23.56	252	746719	10.247	ng/ul 97
91) Indeno(1,2,3-cd)pyrene	25.96	276	441290	5.127	ng/ul 97
92) Dibenzo(a,h)anthracene	25.97	278	151611m	2.079	ng/ul
93) Benzo(a,h,i)perylene	26.67	276	176142	2.523	ng/ul 96

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD2

Manual Integrations
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Quant Time: Jun 07 05:55:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 07 05:12:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

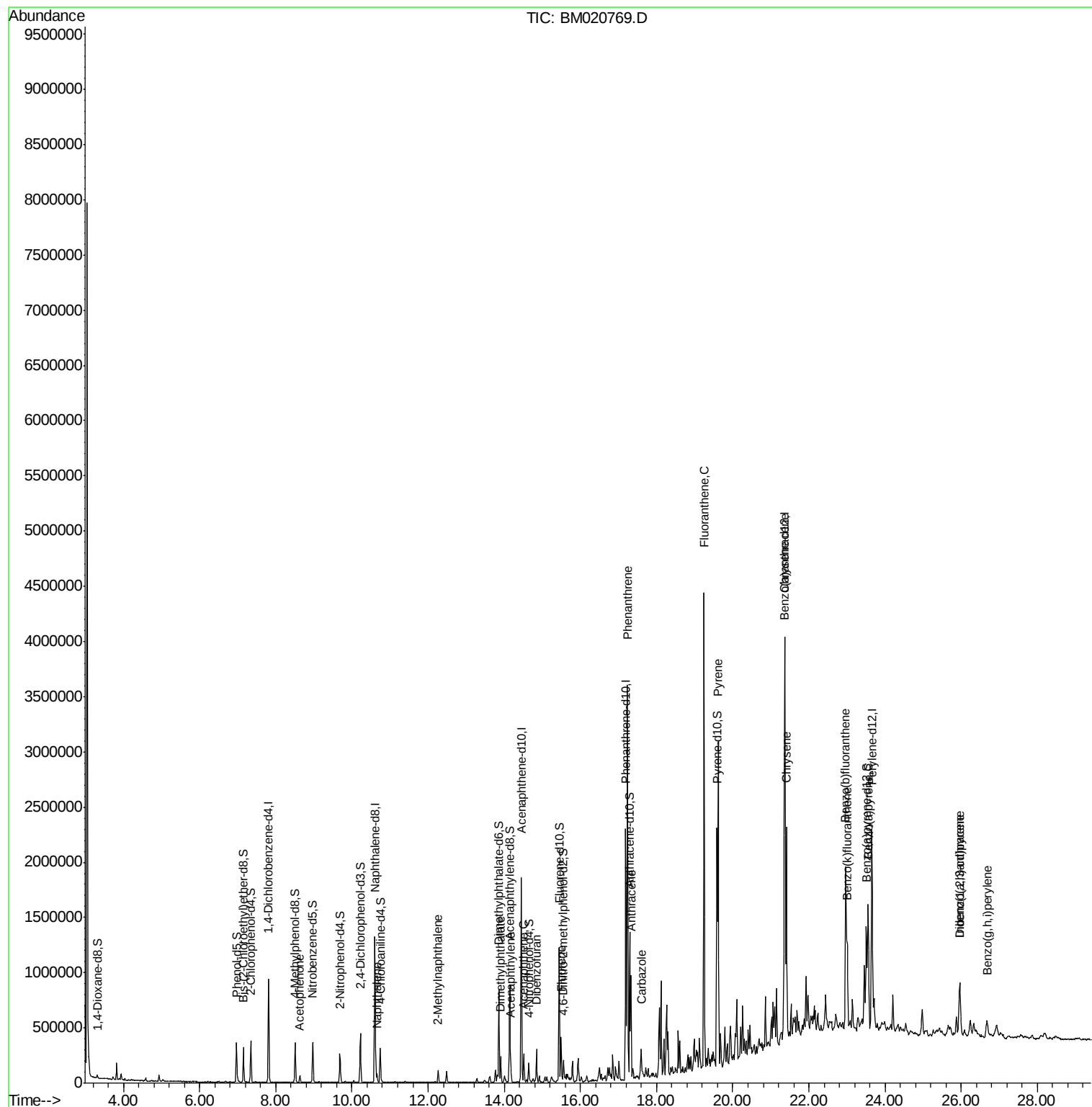
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020769.D
Acq On : 06 Jun 2019 18:33
Operator : HP/JU
Sample : K3202-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

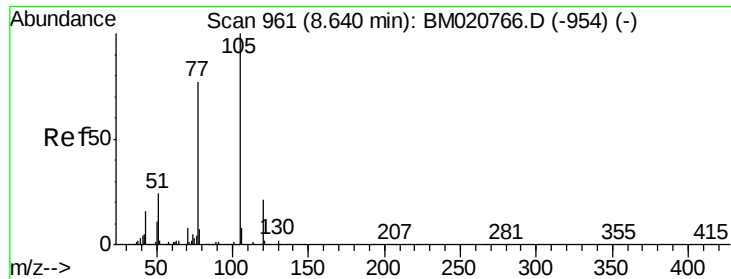
Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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Quant Time: Jun 07 05:55:30 2019
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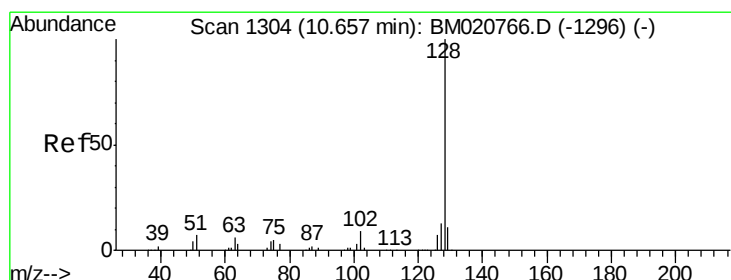
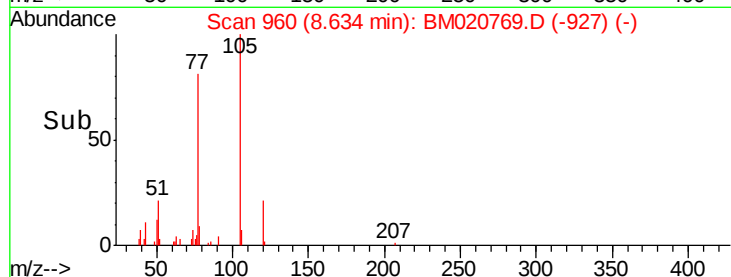
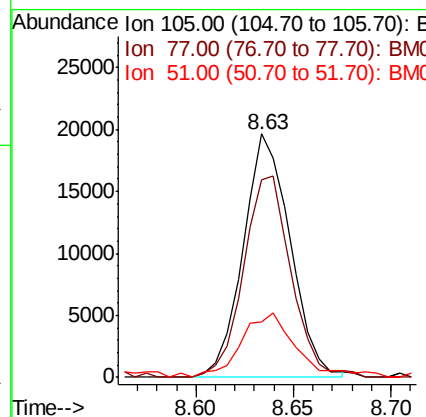
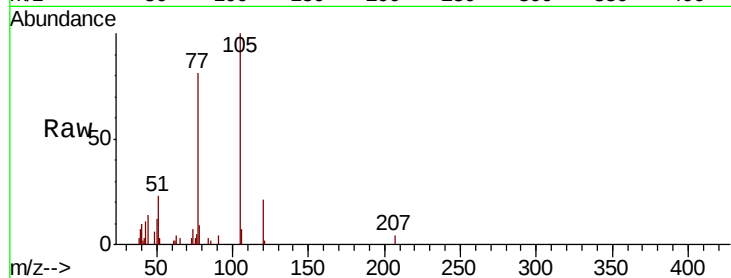
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Acetophenone
Concen: 1.362 ng/ul
RT: 8.63 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM020769.D
Acq: 06 Jun 2019 18:33

Instrument :
BNA_M
ClientSampleId :
C0AD2

Tot Ion	Ratio	Lower	Upper
105	100		
77	80.9	64.6	97.0
51	22.8	21.4	32.2

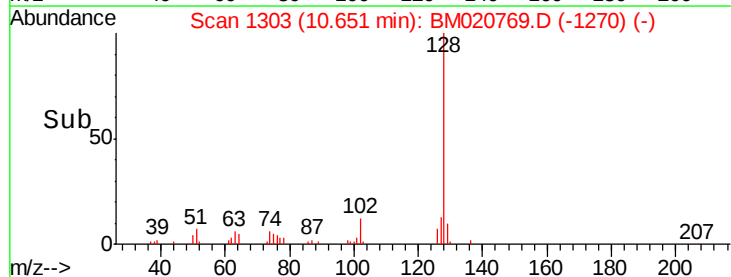
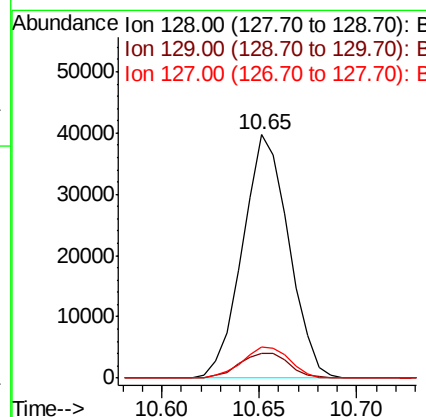
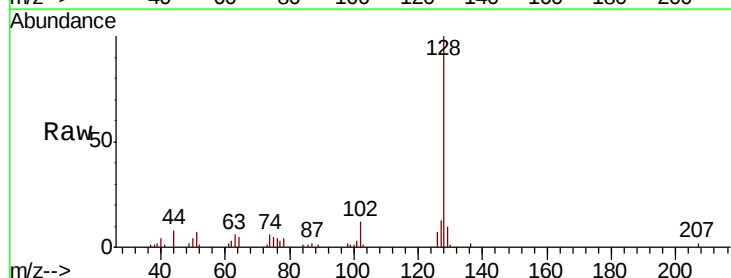
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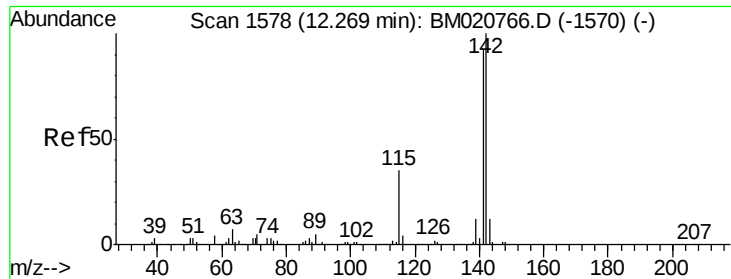
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#28
Naphthalene
Concen: 1.305 ng/ul
RT: 10.65 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BM020769.D
Acq: 06 Jun 2019 18:33

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.6	13.0
127	12.8	10.2	15.2





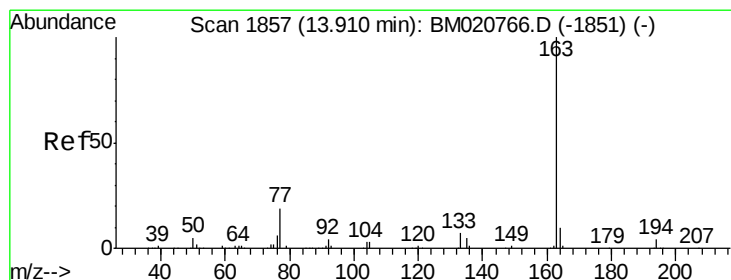
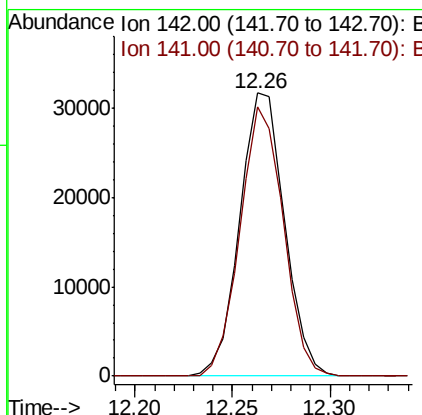
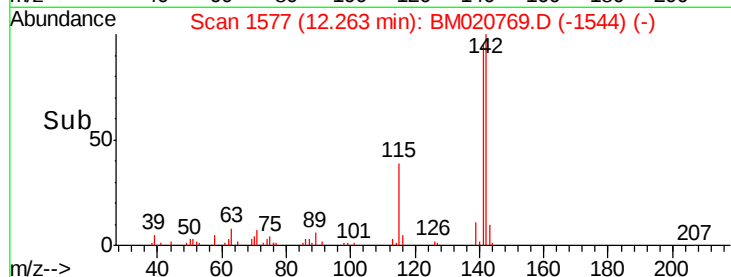
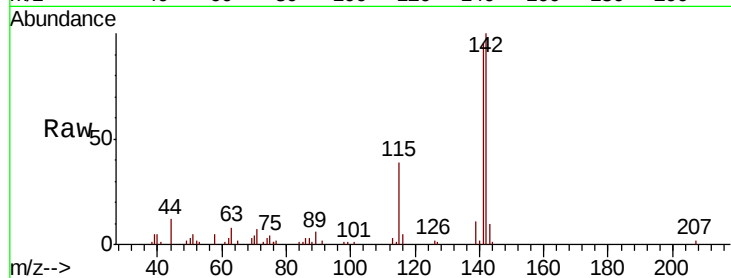
#34
2-Methylnaphthalene
Concen: 1.381 ng/ul
RT: 12.26 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BM020769.D
Acq: 06 Jun 2019 18:33

Instrument :
BNA_M
ClientSampleId :
C0AD2

Tot Ion	Ratio	Lower	Upper
142	100		
141	95.2	71.4	107.0

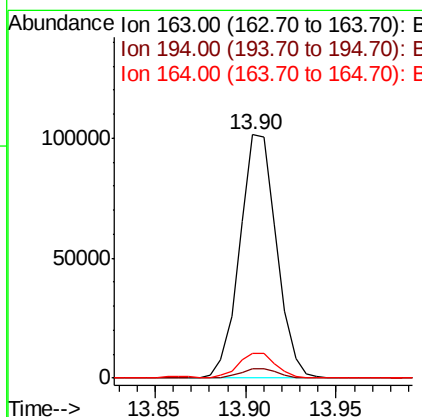
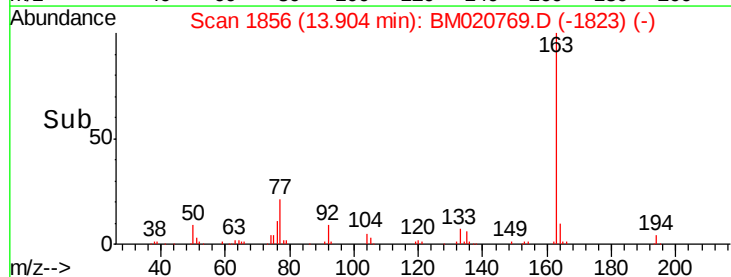
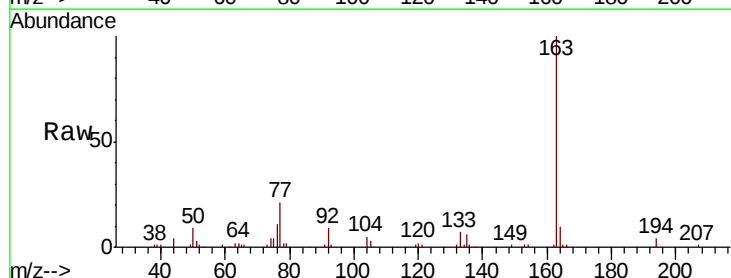
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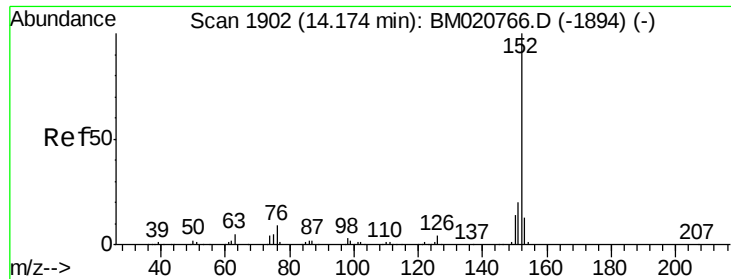
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#44
Dimethylphthalate
Concen: 3.275 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM020769.D
Acq: 06 Jun 2019 18:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.3	8.0	12.0





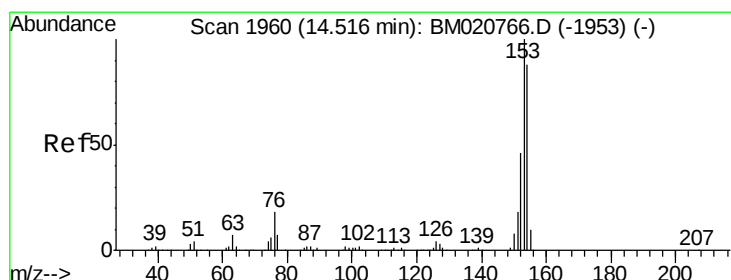
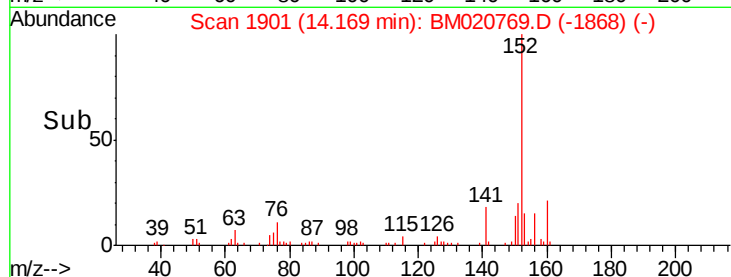
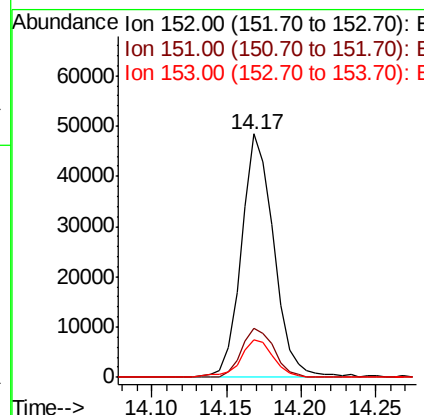
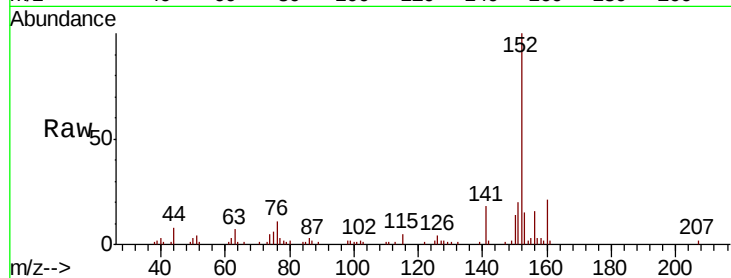
#47
Acenaphthylene
Concen: 1.365 ng/ul
RT: 14.17 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BM020769.D
Acq: 06 Jun 2019 18:33

Instrument :
BNA_M
ClientSampleId :
C0AD2

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	15.3	10.6	15.8

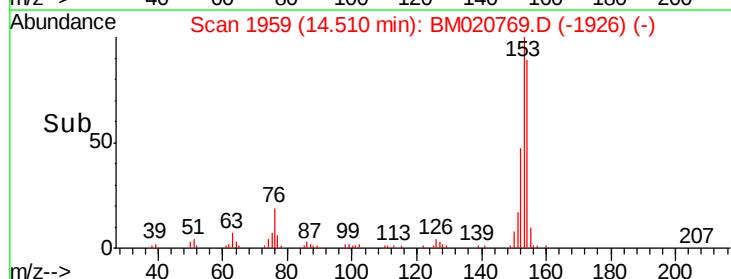
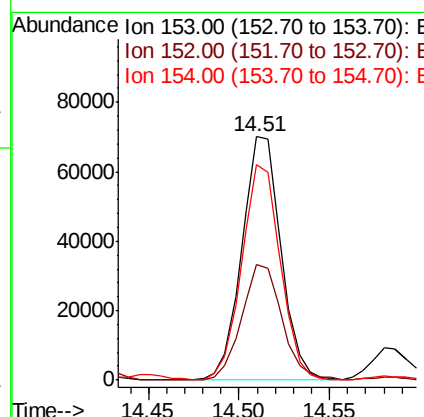
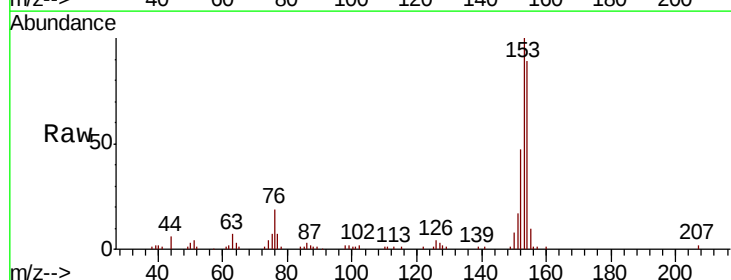
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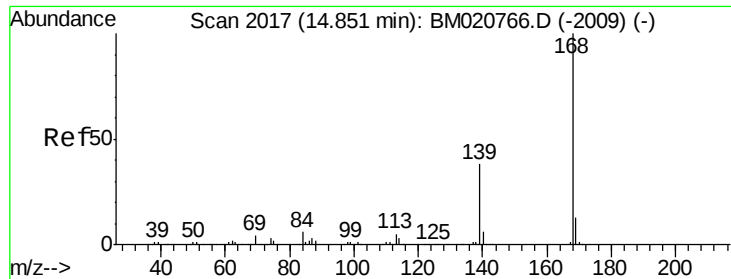
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#49
Acenaphthene
Concen: 2.817 ng/ul
RT: 14.51 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BM020769.D
Acq: 06 Jun 2019 18:33

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.2	37.3	55.9
154	88.6	68.7	103.1





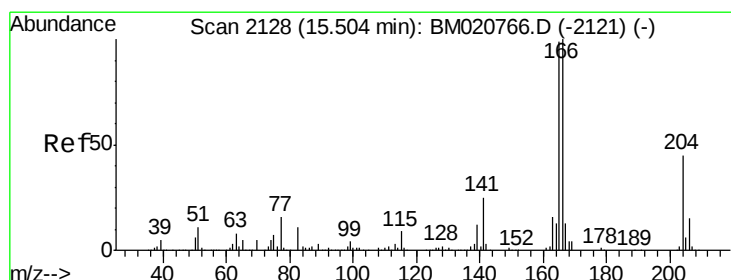
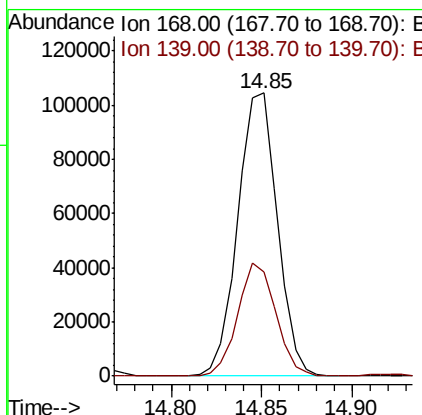
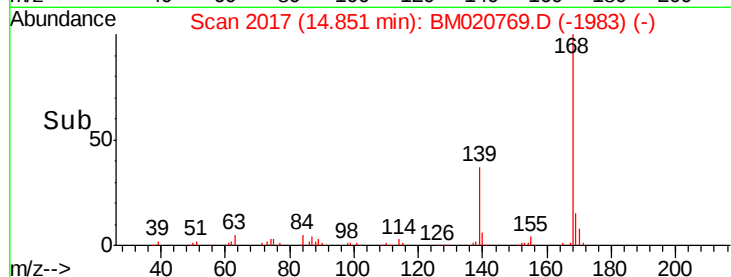
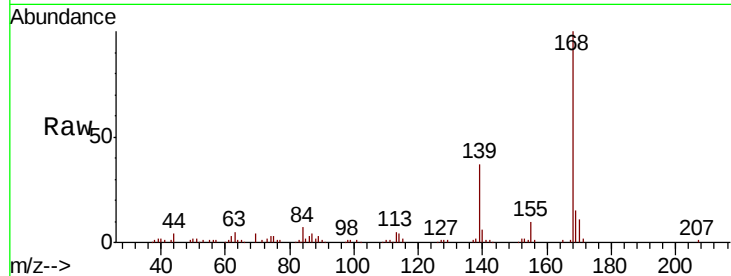
#53
Dibenzenofuran
Concen: 3.002 ng/ul
RT: 14.85 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BM020769.D
Acq: 06 Jun 2019 18:33

Instrument :
BNA_M
ClientSampled :
C0AD2

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.4	45.6

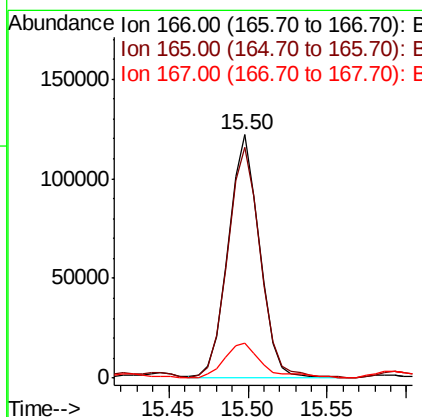
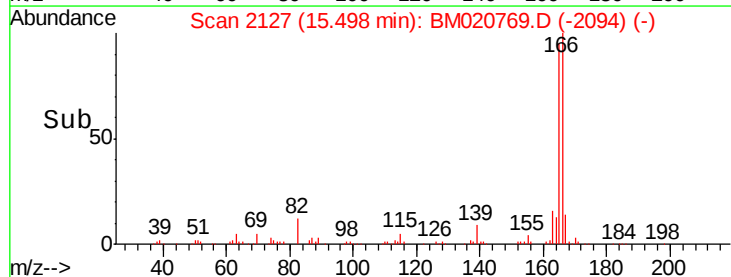
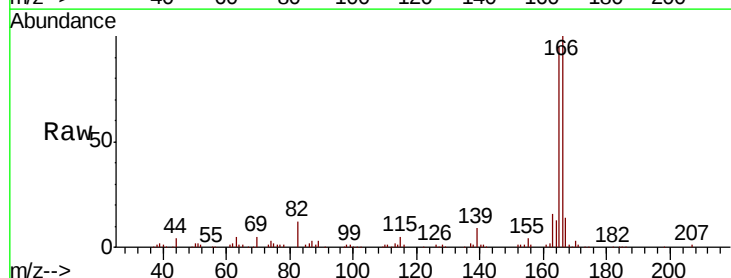
Manual Integrations
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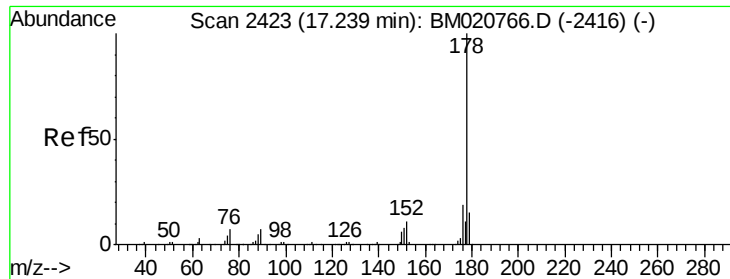
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#58
Fluorene
Concen: 3.954 ng/ul
RT: 15.50 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM020769.D
Acq: 06 Jun 2019 18:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.0	78.6	117.8
167	14.2	10.8	16.2





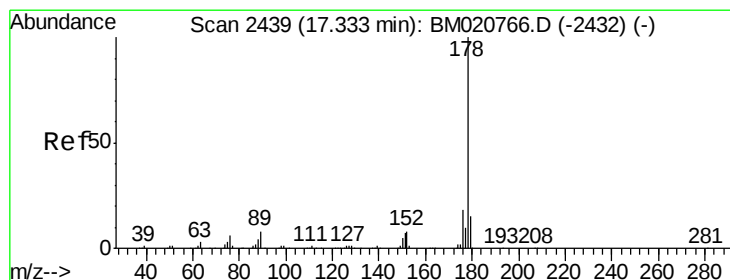
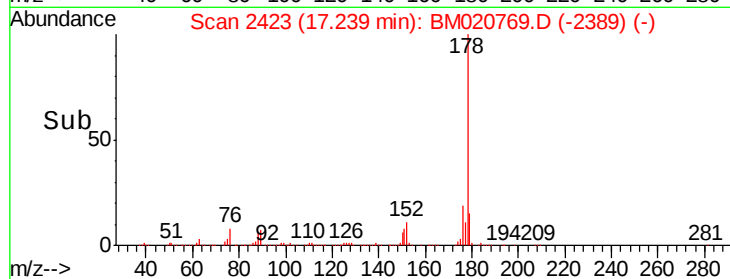
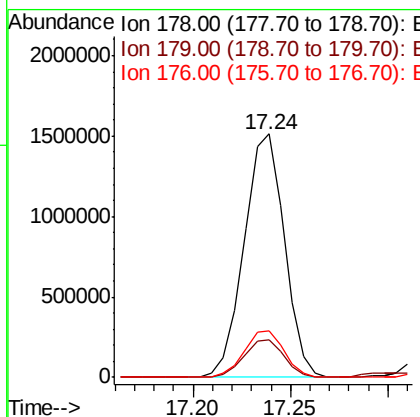
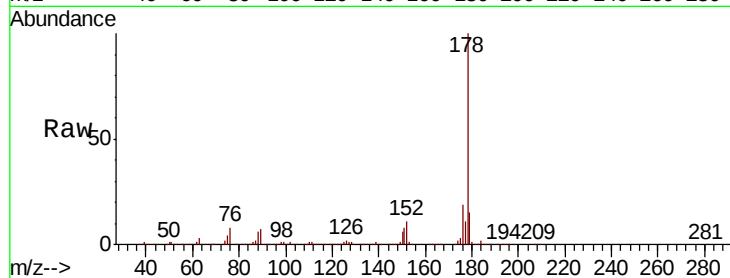
#69
Phenanthrene
Concen: 33.560 ng/ul
RT: 17.24 min Scan# 2423
Delta R.T. 0.00 min
Lab File: BM020769.D
Acq: 06 Jun 2019 18:33

Instrument :
BNA_M
ClientSampleId :
C0AD2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.2	14.8	22.2

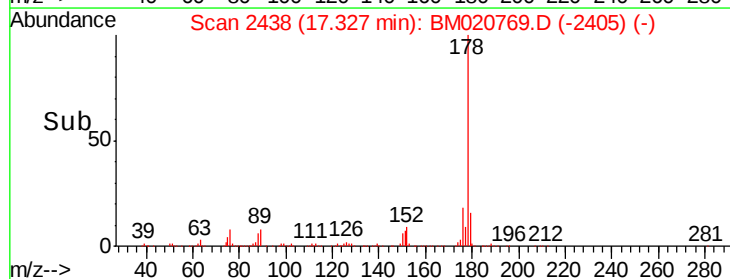
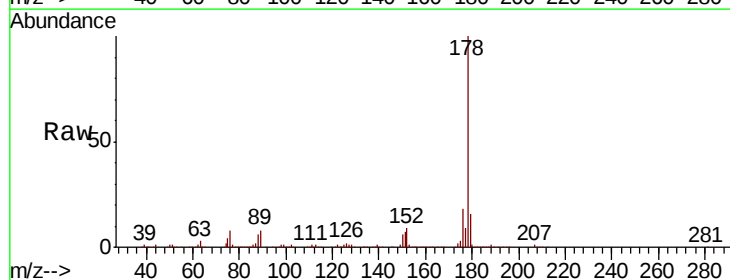
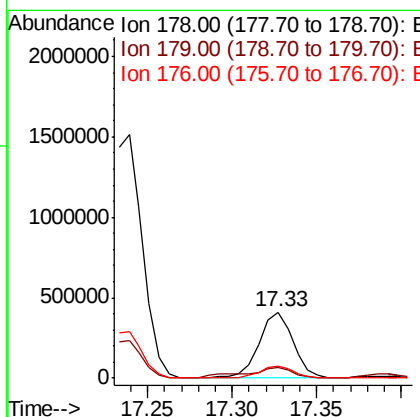
Manual Integrations
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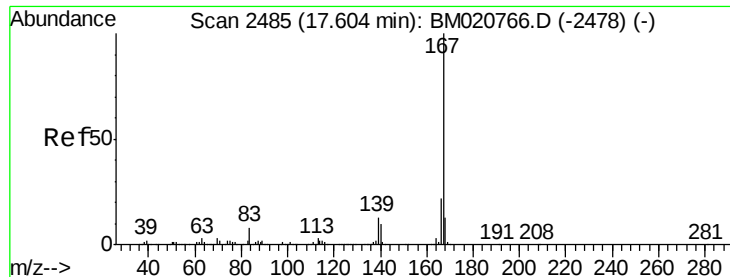
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#71
Anthracene
Concen: 8.693 ng/ul
RT: 17.33 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BM020769.D
Acq: 06 Jun 2019 18:33

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	18.0	14.9	22.3





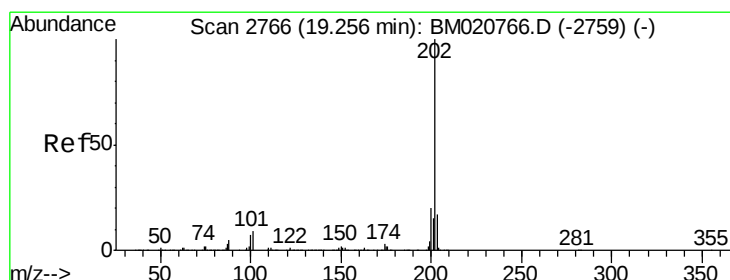
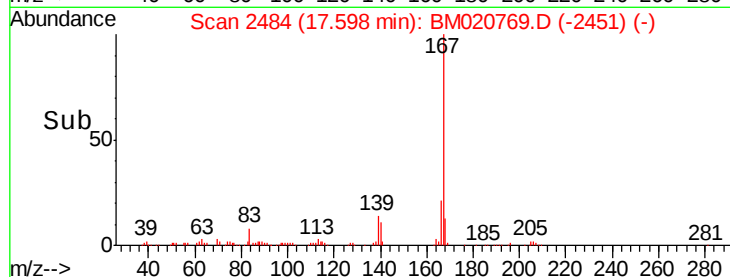
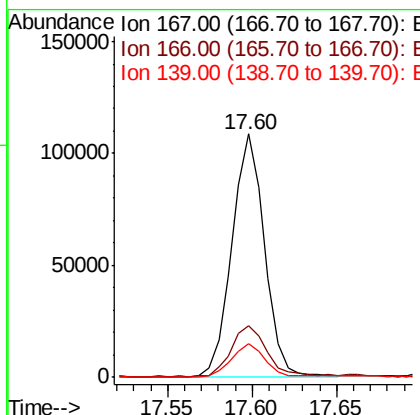
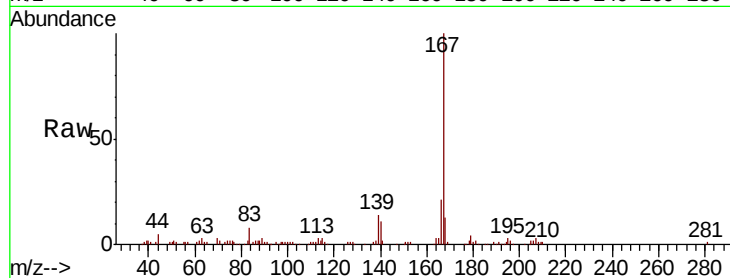
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 Carbazole
 Concen: 2.561 ng/ul
 RT: 17.60 min Scan# 2484
 Delta R.T. -0.01 min
 Lab File: BM020769.D
 Acq: 06 Jun 2019 18:33

Instrument :
 BNA_M
 ClientSampleId :
 C0AD2

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	13.9	10.5	15.7

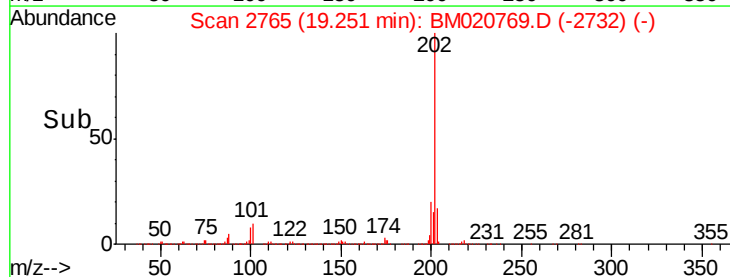
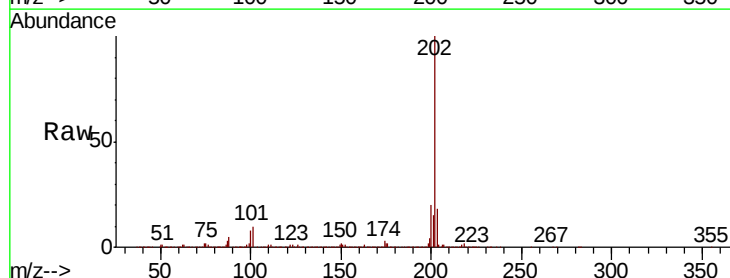
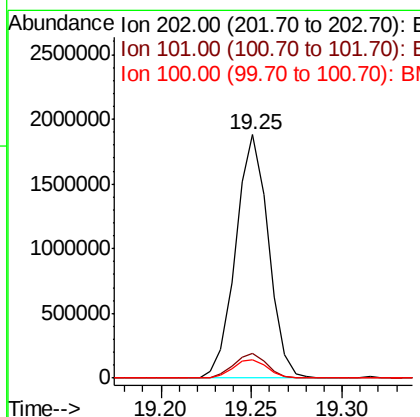
Manual Integrations
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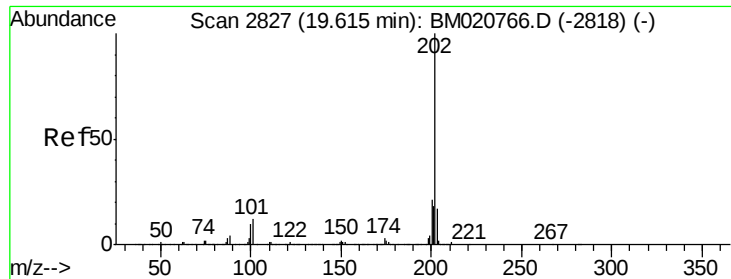
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#76
 Fluoranthene
 Concen: 31.990 ng/ul
 RT: 19.25 min Scan# 2765
 Delta R.T. -0.01 min
 Lab File: BM020769.D
 Acq: 06 Jun 2019 18:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.9	11.9
100	7.7	6.2	9.4





#79

Pvrene

Concen: 24.365 ng/ul

RT: 19.62 min Scan# 2827

Delta R.T. 0.00 min

Lab File: BM020769.D

Acq: 06 Jun 2019 18:33

Instrument :

BNA_M

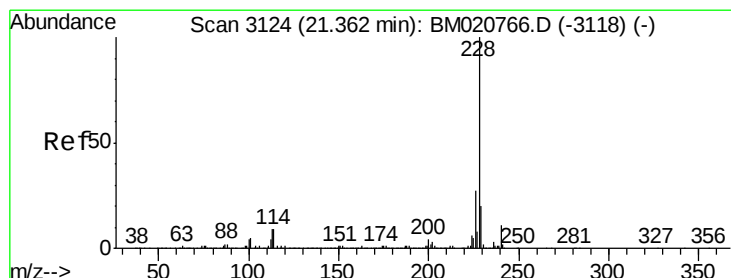
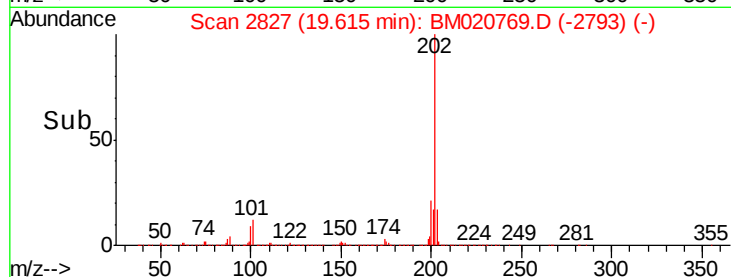
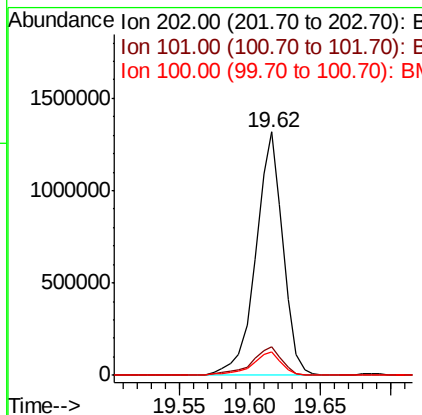
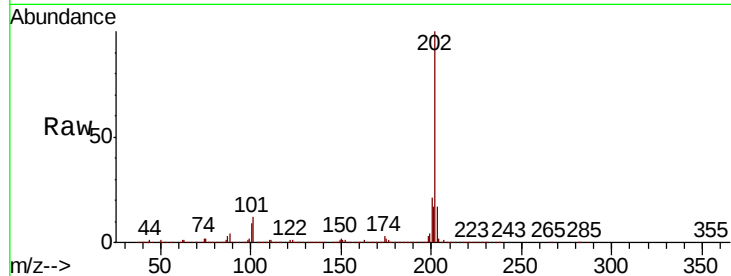
ClientSampleId :

C0AD2

Tot Ion:	202	Resp:	1770827
Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.8	14.6
100	9.4	8.0	12.0

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#82

Benzo(a)anthracene

Concen: 16.267 ng/ul

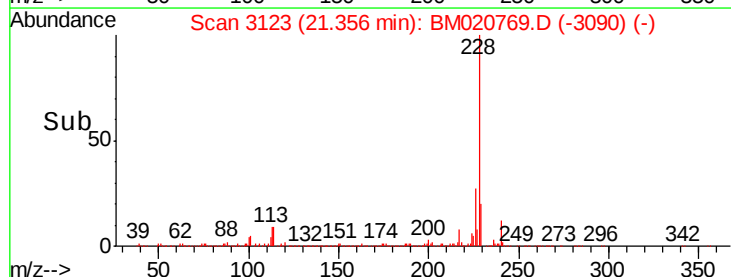
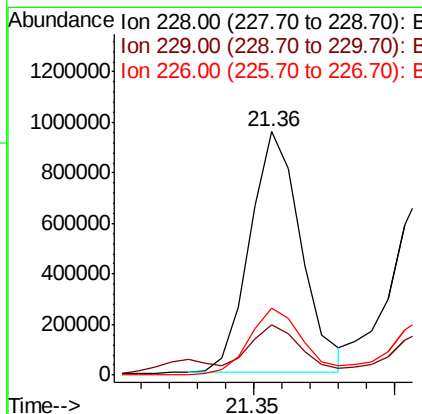
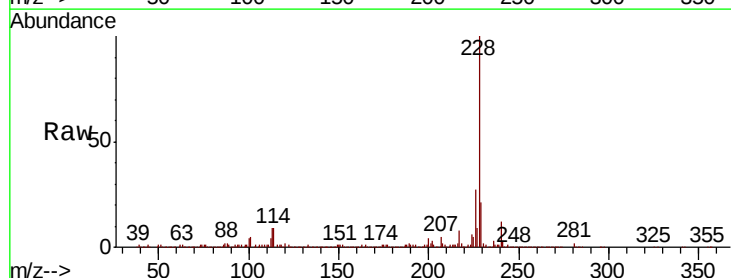
RT: 21.36 min Scan# 3123

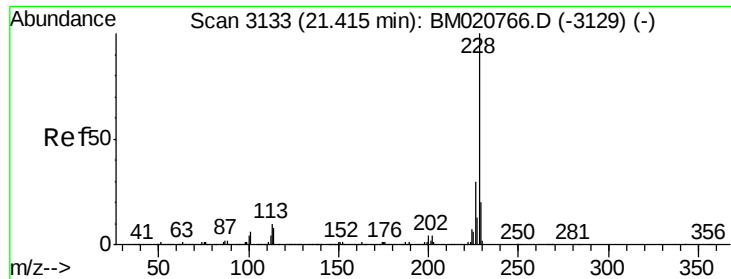
Delta R.T. -0.01 min

Lab File: BM020769.D

Acq: 06 Jun 2019 18:33

Tgt Ion:	228	Resp:	1194798
Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.6	23.4
226	27.5	21.4	32.2





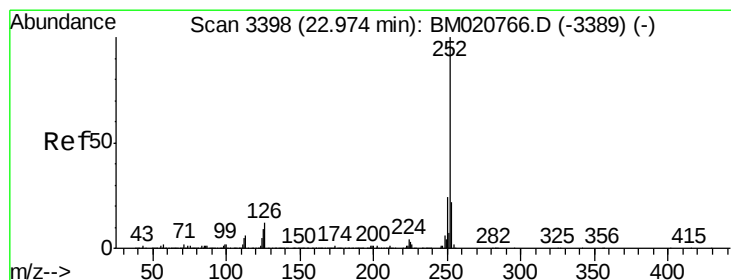
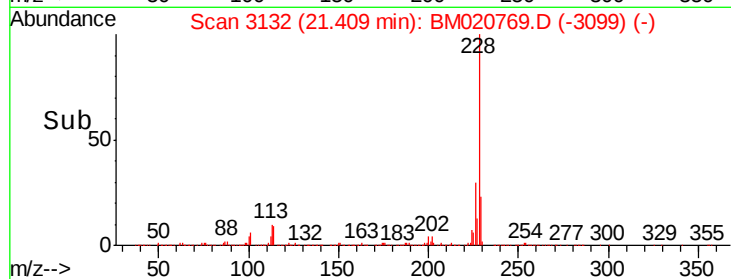
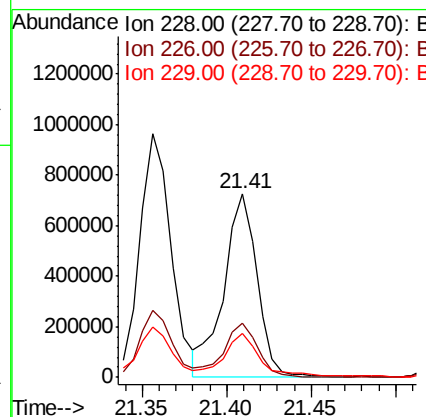
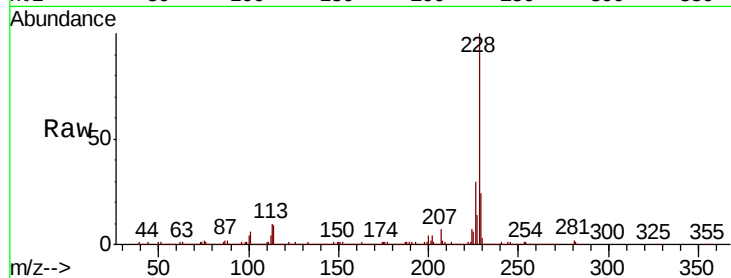
#84
Chrysene
Concen: 14.578 ng/ul
RT: 21.41 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BM020769.D
Acq: 06 Jun 2019 18:33

Instrument :
BNA_M
ClientSampleId :
C0AD2

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.4	36.6
229	23.5	16.2	24.2

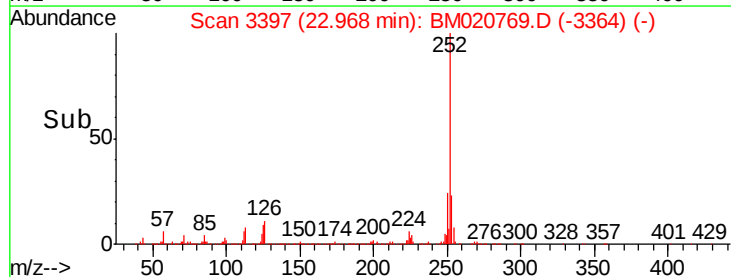
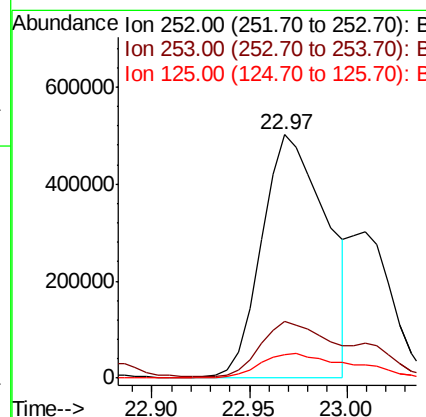
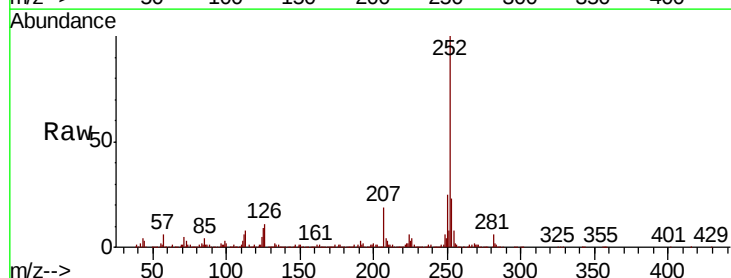
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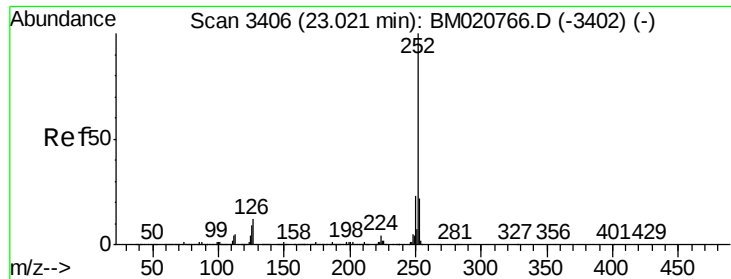
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#87
Benzo(b)fluoranthene
Concen: 15.062 ng/ul
RT: 22.97 min Scan# 3397
Delta R.T. -0.01 min
Lab File: BM020769.D
Acq: 06 Jun 2019 18:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	9.5	7.3	10.9





#88

Benzo(k)fluoranthene

Concen: 6.077 ng/ul

RT: 23.01 min Scan# 3404

Delta R.T. -0.01 min

Lab File: BM020769.D

Acq: 06 Jun 2019 18:33

Instrument :

BNA_M

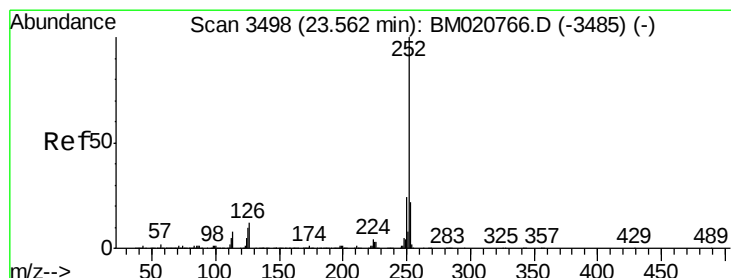
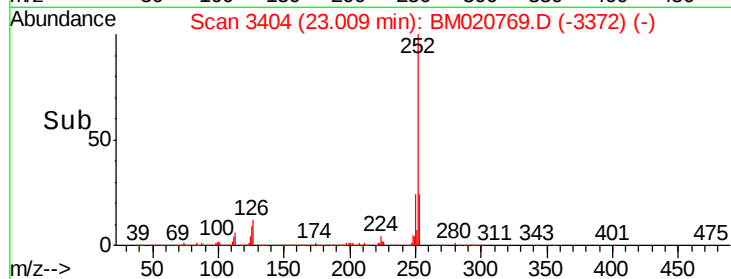
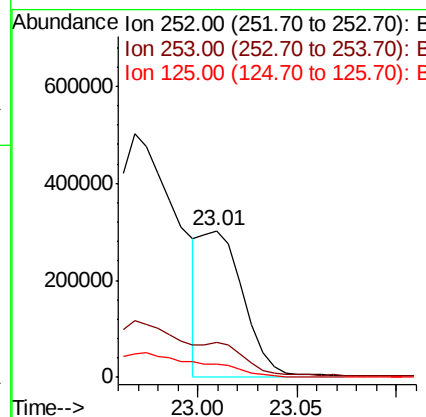
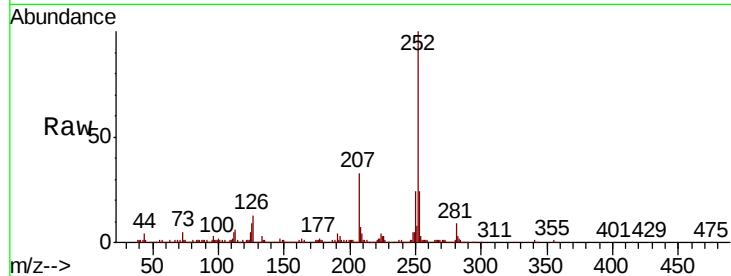
ClientSampleId :

C0AD2

Tot Ion:	252	Resp:	444903
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.6	26.4
125	9.4	7.3	10.9

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#90

Benzo(a)pyrene

Concen: 10.247 ng/ul

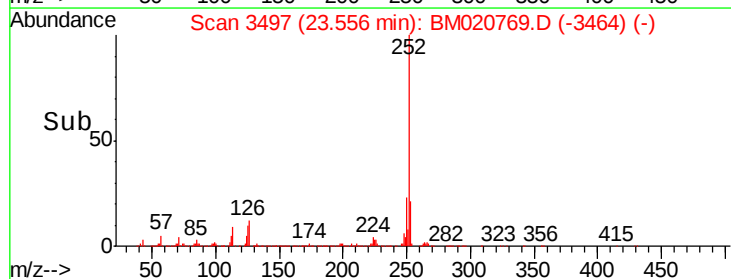
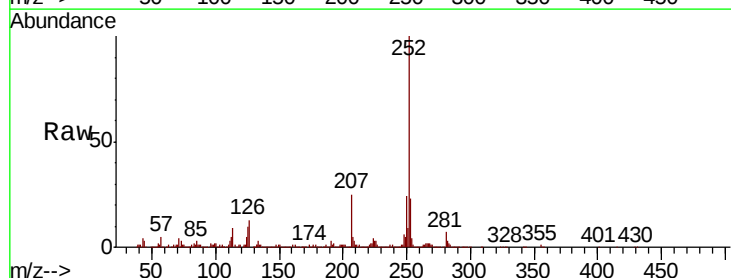
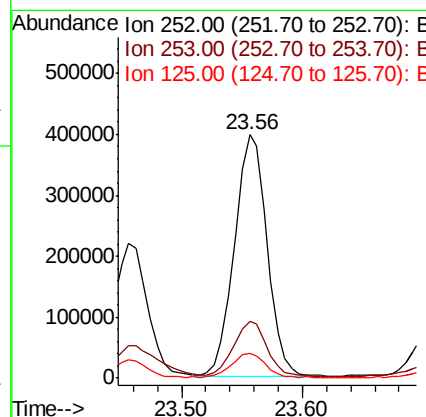
RT: 23.56 min Scan# 3497

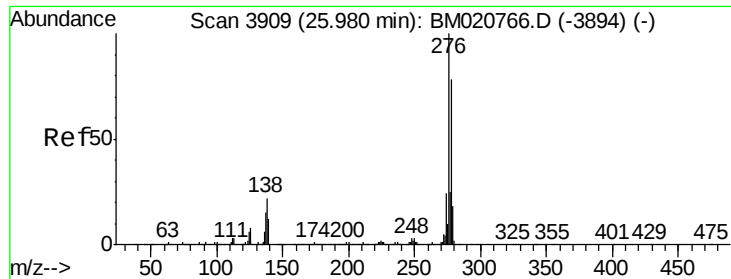
Delta R.T. -0.01 min

Lab File: BM020769.D

Acq: 06 Jun 2019 18:33

Tgt Ion:	252	Resp:	746719
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.0	25.6
125	10.1	8.2	12.4





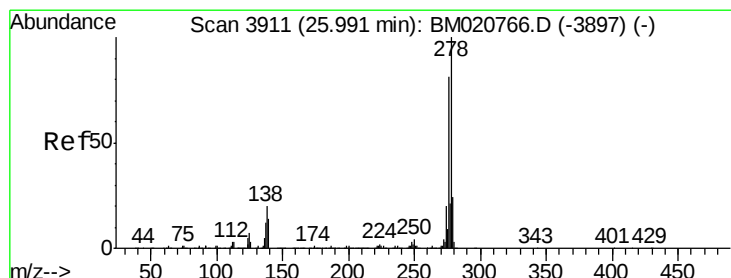
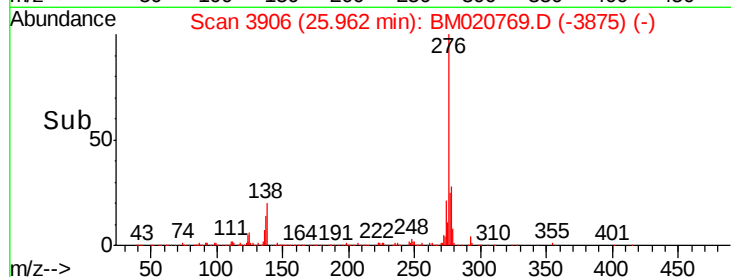
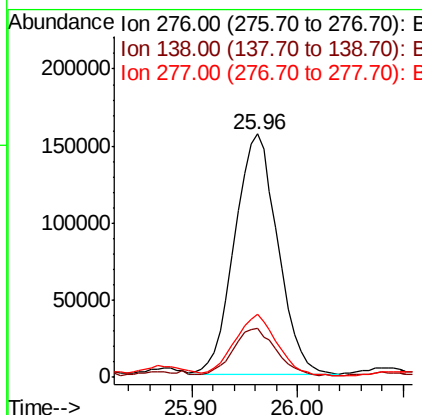
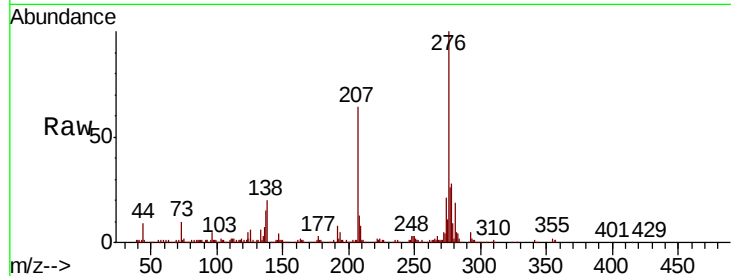
#91
Indeno(1,2,3-cd)pyrene
Concen: 5.127 ng/ul
RT: 25.96 min Scan# 3906
Delta R.T. -0.02 min
Lab File: BM020769.D
Acq: 06 Jun 2019 18:33

Instrument :
BNA_M
ClientSampleId :
C0AD2

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.1	17.8	26.8
277	26.0	20.0	30.0

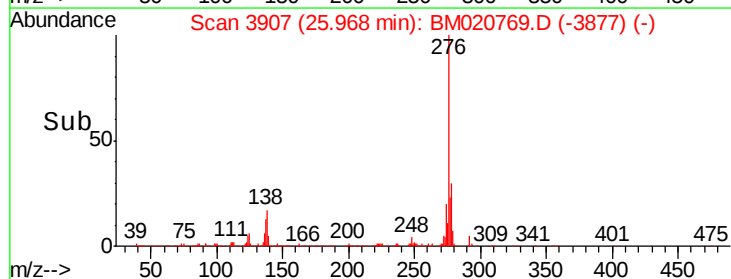
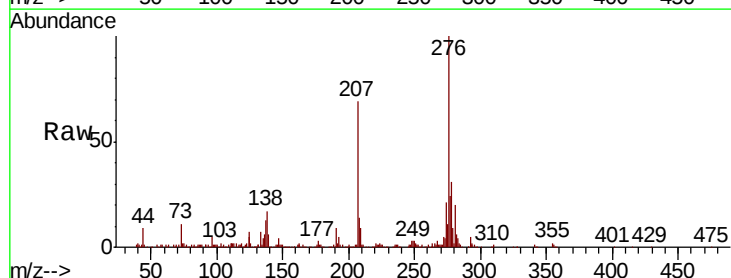
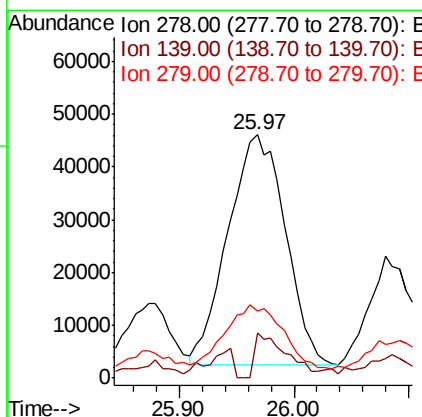
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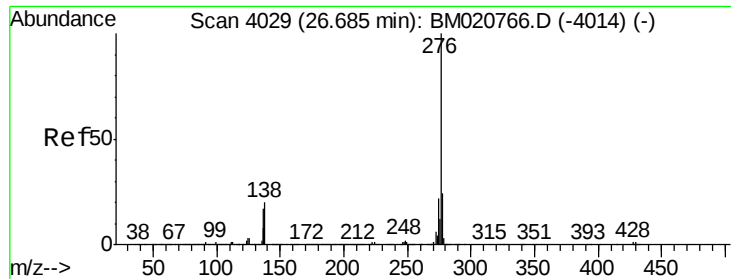
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#92
Dibenzo(a,h)anthracene
Concen: 2.079 ng/ul m
RT: 25.97 min Scan# 3907
Delta R.T. -0.02 min
Lab File: BM020769.D
Acq: 06 Jun 2019 18:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	11.6	17.4#
279	27.6	18.6	28.0





#93
 Benzo(a,h,i)perylene
 Concen: 2.523 ng/ul
 RT: 26.67 min Scan# 4027
 Delta R.T. -0.01 min
 Lab File: BM020769.D
 Acq: 06 Jun 2019 18:33

Instrument :
 BNA_M
 ClientSampleId :
 C0AD2

Tot Ion:	276	Resp:	176142
Ion Ratio	Lower	Upper	
276	100		
138	17.8	16.6	25.0
277	25.1	19.6	29.4

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