

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027066.D
 Acq On : 13 Aug 2020 18:14
 Operator : JU/CG
 Sample : L3630-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFML4

Manual Integrations
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Quant Time: Aug 13 18:47:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 11:47:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	123162	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	456868	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	287264	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	610528	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	641112	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	649516	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	7950	2.93	ng/uL	0.00
5) Phenol-d5	6.82	99	173268	18.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	120871	18.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	138588	18.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	123016	16.48	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	58993	16.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	70431	18.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	145057	18.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	133085	14.52	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	461928	20.17	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	526938	19.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	58509	15.13	ng/ul	0.00
58) Fluorene-d10	15.27	176	380475	19.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	48260	14.47	ng/ul	0.00
71) Anthracene-d10	17.12	188	569943	18.95	ng/ul	0.00
79) Pyrene-d10	19.42	212	630597	19.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	682850	18.83	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	13.73	163	160554	6.688	ng/ul 99
48) Acenaphthylene	13.99	152	71667	2.582	ng/ul 98
59) Fluorene	15.33	166	26940	1.144	ng/ul 98
70) Phenanthrene	17.06	178	637510	17.417	ng/ul 99
72) Anthracene	17.15	178	56181	1.509	ng/ul 97
75) Carbazole	17.42	167	44232	1.407	ng/ul 95
77) Fluoranthene	19.08	202	998517	22.497	ng/ul 100
80) Pyrene	19.44	202	881633	20.260	ng/ul 100
83) Benzo(a)anthracene	21.20	228	367660m	8.519	ng/ul
85) Chrysene	21.25	228	473436	11.175	ng/ul 98
88) Benzo(b)fluoranthene	22.76	252	563796	12.500	ng/ul 98
89) Benzo(k)fluoranthene	22.79	252	241033m	5.392	ng/ul
91) Benzo(a)pyrene	23.32	252	370589	9.028	ng/ul 95
92) Indeno(1,2,3-cd)pyrene	25.60	276	283825	5.366	ng/ul 97
93) Dibenzo(a,h)anthracene	25.60	278	73314	1.637	ng/ul# 84
94) Benzo(g,h,i)perylene	26.27	276	249782	5.718	ng/ul 99

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

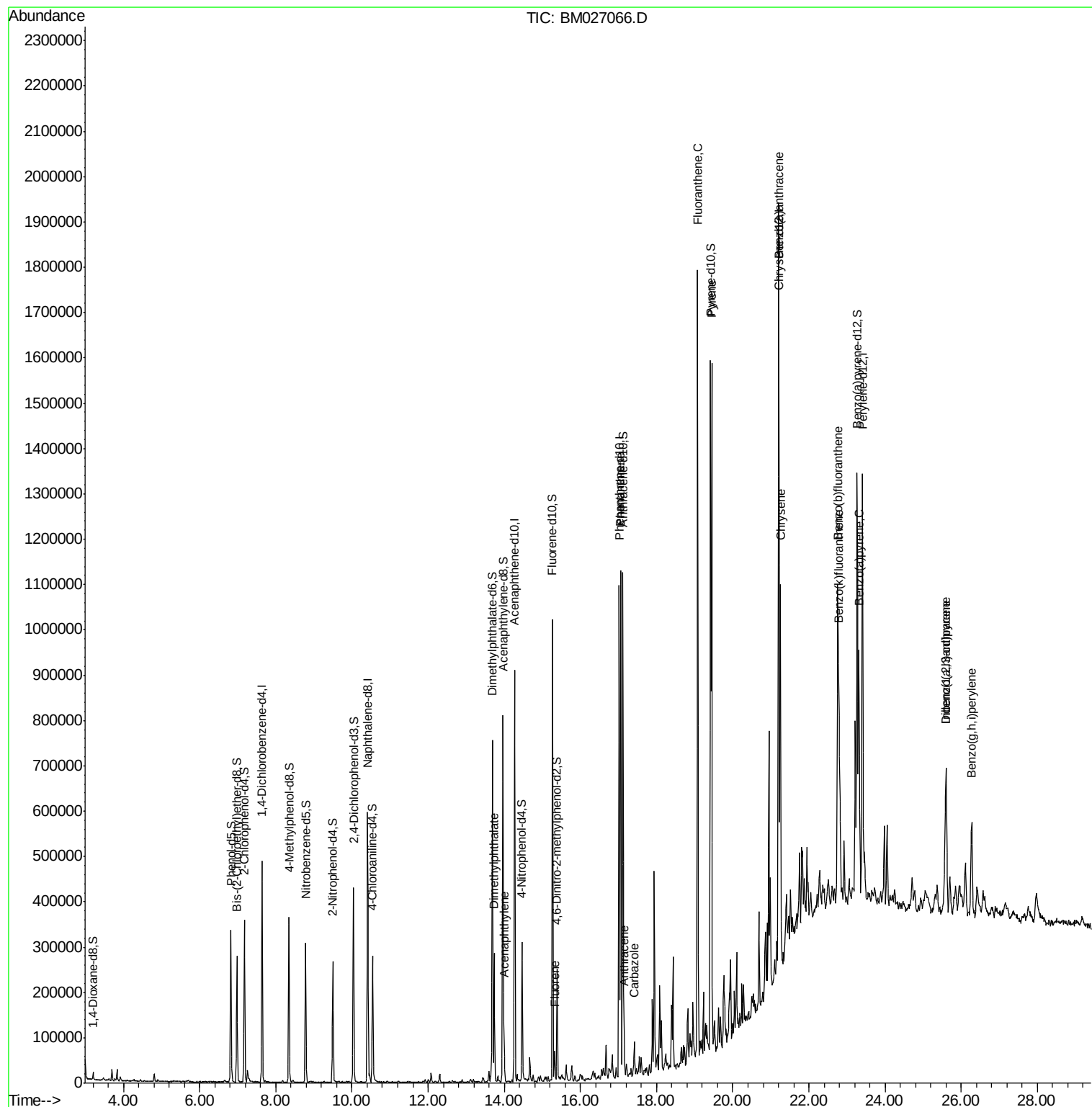
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027066.D
Acq On : 13 Aug 2020 18:14
Operator : JU/CG
Sample : L3630-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

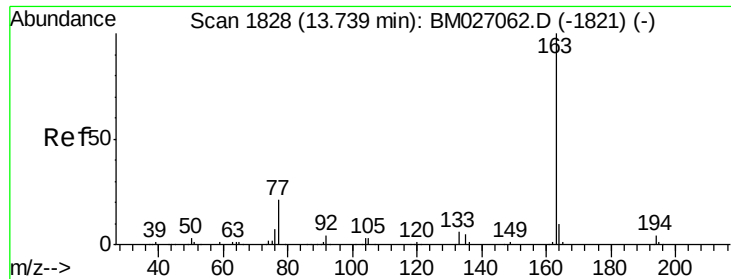
Instrument :
BNA_M
ClientSampled :
BFML4

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Quant Time: Aug 13 18:47:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration





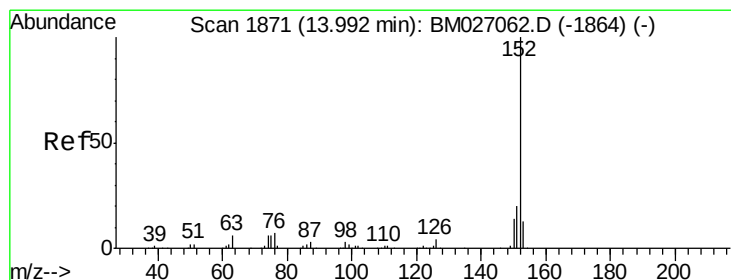
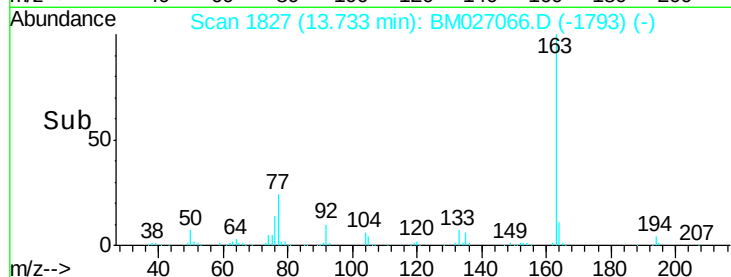
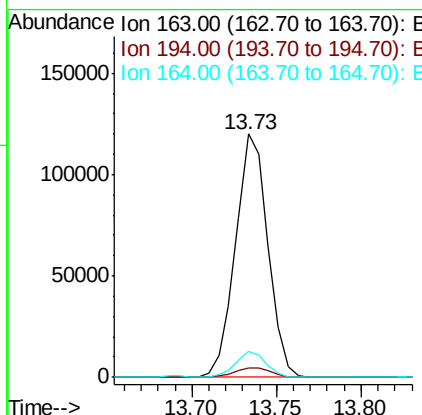
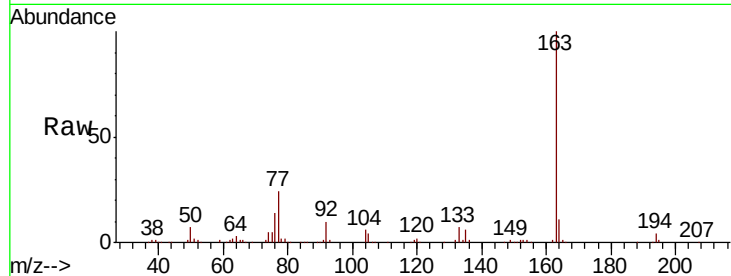
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Dimethylphthalate
Concen: 6.688 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BM027066.D
Acq: 13 Aug 2020 18:14

Instrument :
BNA_M
ClientSampled :
BFML4

Tot Ion	Ratio	Resp	Lower	Upper
163	100	160554		
194	3.9		3.2	4.8
164	10.6		8.2	12.2

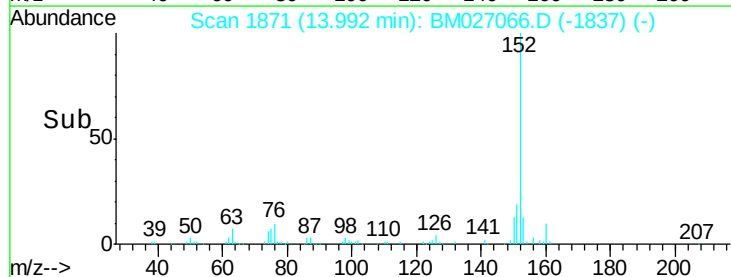
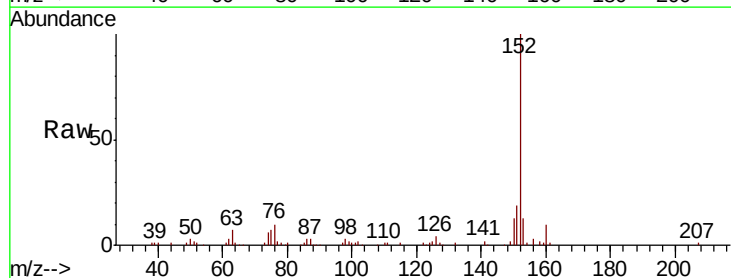
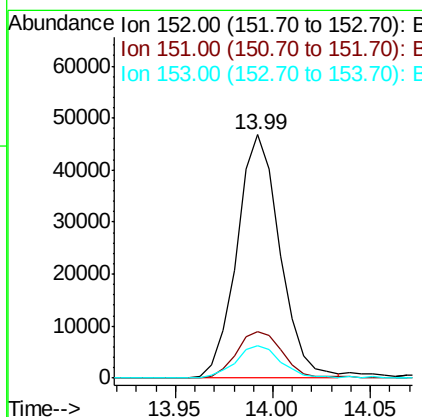
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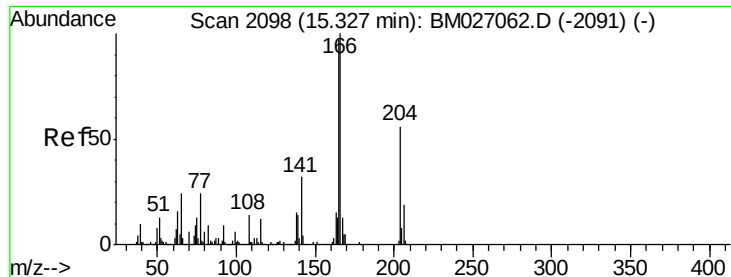
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#48
Acenaphthylene
Concen: 2.582 ng/ul
RT: 13.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BM027066.D
Acq: 13 Aug 2020 18:14

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	71667		
151	19.2		15.9	23.9
153	13.1		9.8	14.8





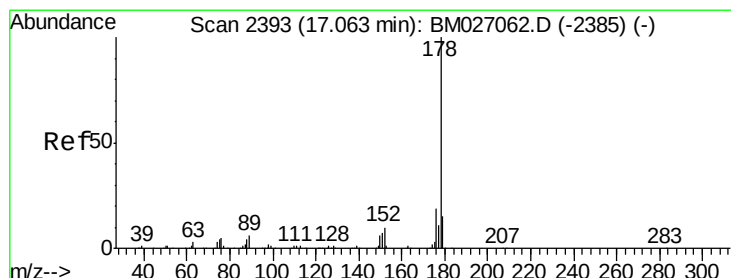
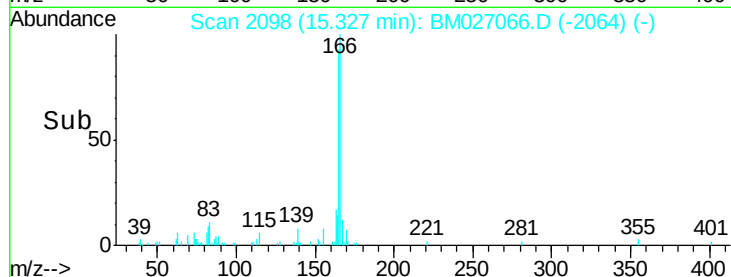
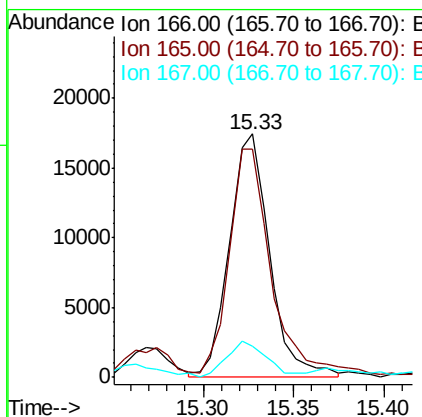
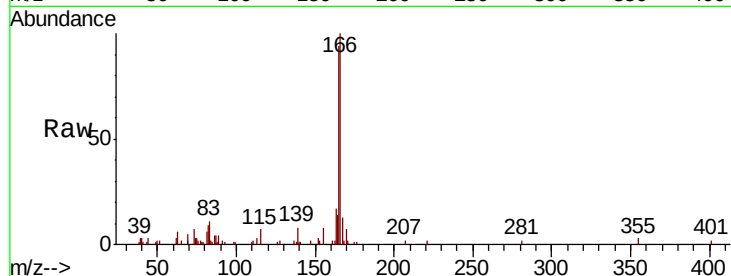
#59
Fluorene
 Concen: 1.144 ng/ul
 RT: 15.33 min Scan# 2098
 Delta R.T. 0.00 min
 Lab File: BM027066.D
 Acq: 13 Aug 2020 18:14

Instrument :
 BNA_M
 ClientSampleId :
 BFML4

Tot Ion	Ratio	Resp	Lower	Upper
166	100	26940		
165	93.6		76.9	115.3
167	12.8		10.5	15.7

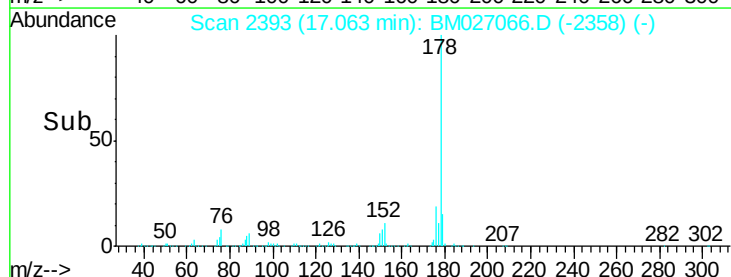
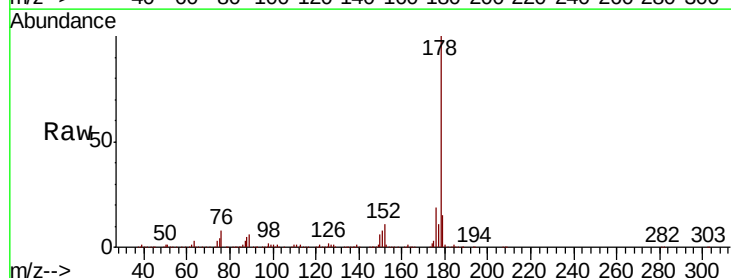
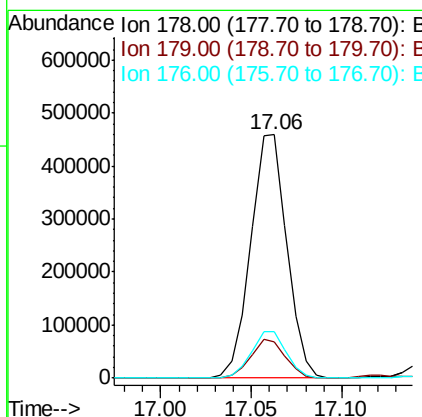
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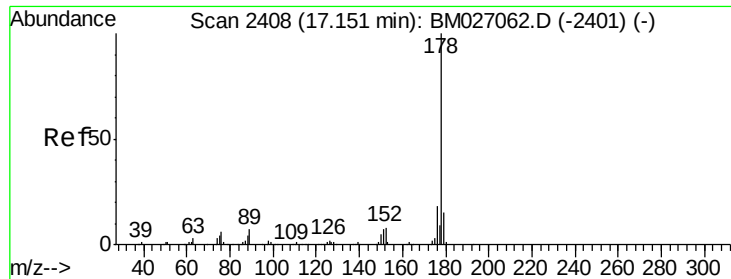
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#70
Phenanthrene
 Concen: 17.417 ng/ul
 RT: 17.06 min Scan# 2393
 Delta R.T. 0.01 min
 Lab File: BM027066.D
 Acq: 13 Aug 2020 18:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	637510		
179	15.1		11.9	17.9
176	19.0		14.6	22.0





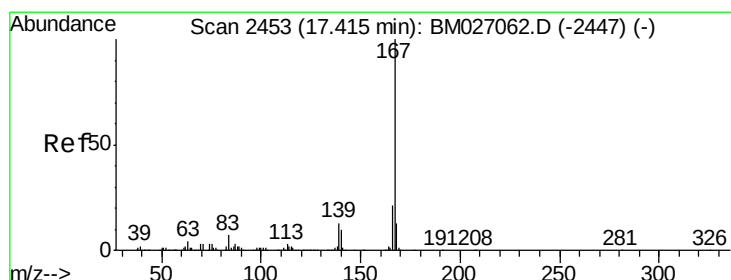
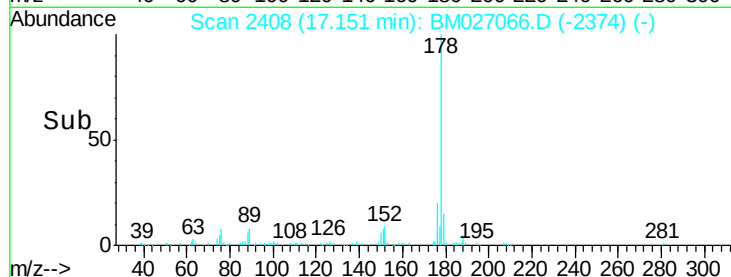
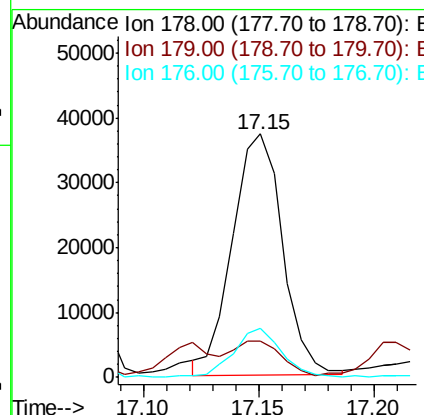
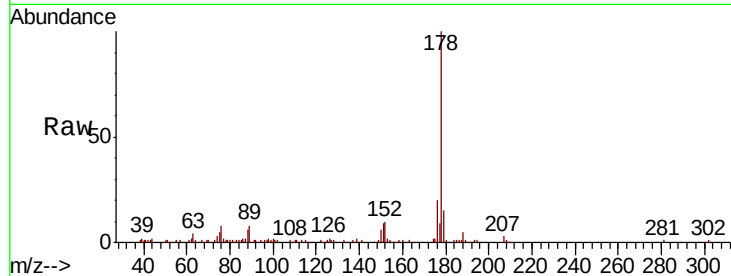
#72
 Anthracene
 Concen: 1.509 ng/ul
 RT: 17.15 min Scan# 2408
 Delta R.T. 0.00 min
 Lab File: BM027066.D
 Acq: 13 Aug 2020 18:14

Instrument :
 BNA_M
 ClientSampled :
 BFML4

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.0	18.0
176	20.0	14.3	21.5

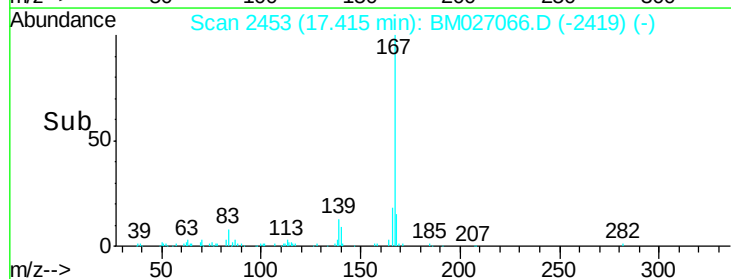
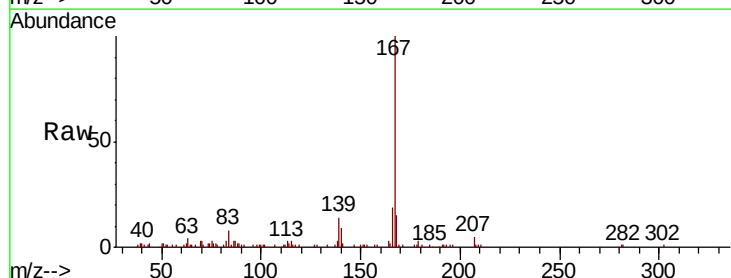
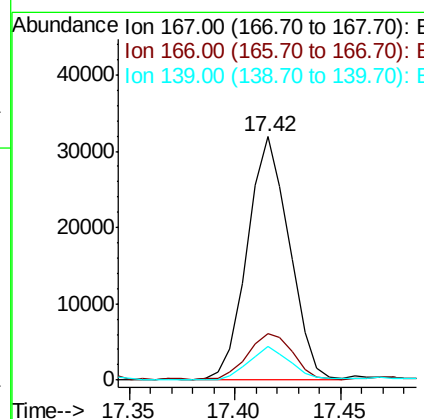
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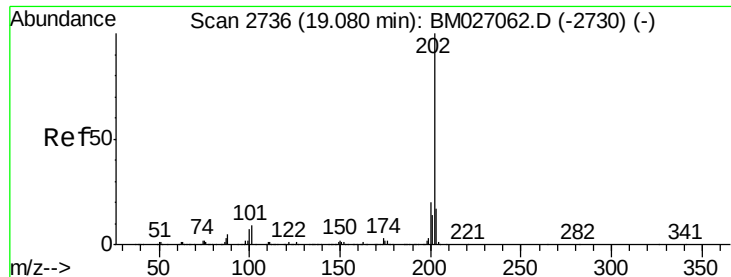
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#75
 Carbazole
 Concen: 1.407 ng/ul
 RT: 17.42 min Scan# 2453
 Delta R.T. 0.00 min
 Lab File: BM027066.D
 Acq: 13 Aug 2020 18:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	18.9	17.0	25.6
139	14.0	9.8	14.6





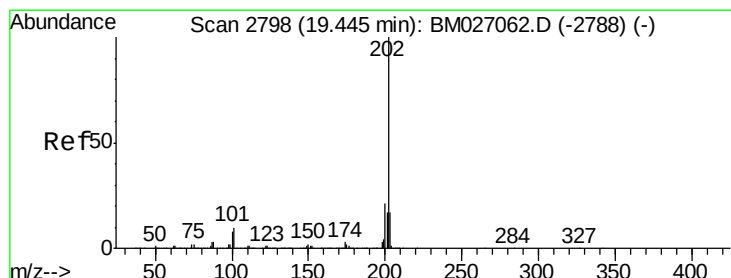
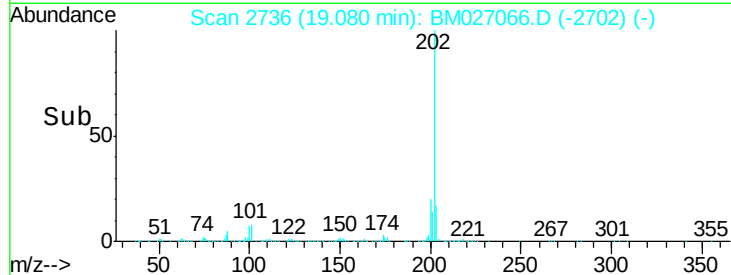
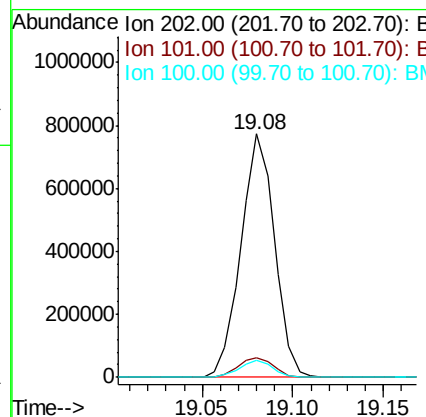
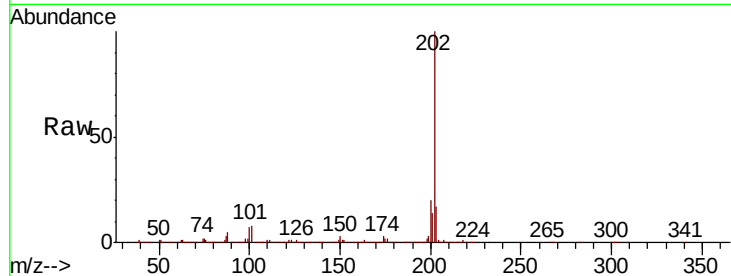
#77
 Fluoranthene
 Concen: 22.497 ng/ul
 RT: 19.08 min Scan# 2736
 Delta R.T. 0.00 min
 Lab File: BM027066.D
 Acq: 13 Aug 2020 18:14

Instrument :
 BNA_M
 ClientSampled :
 BFML4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		998517		
101	8.1	6.7	10.1		
100	6.8	5.4	8.2		

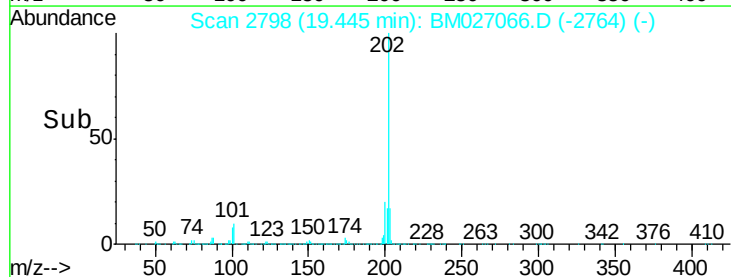
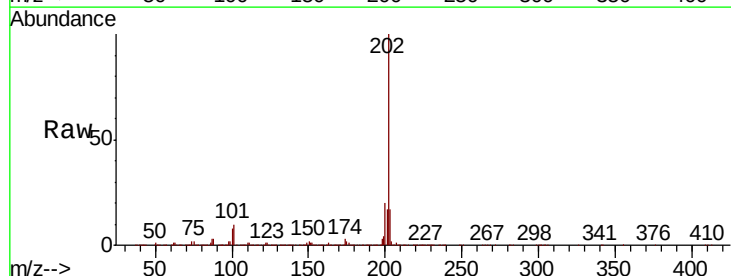
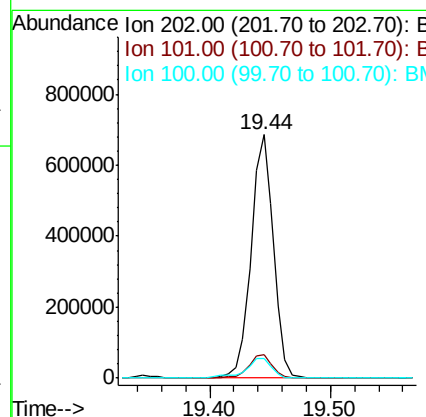
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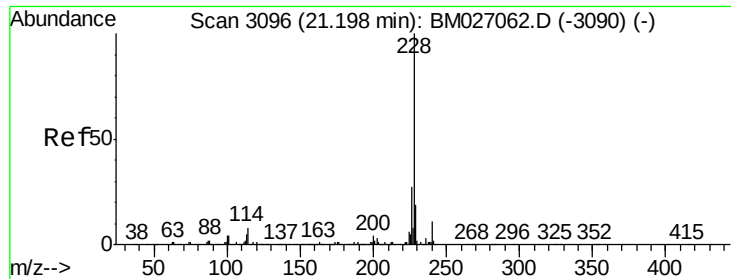
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#80
 Pyrene
 Concen: 20.260 ng/ul
 RT: 19.44 min Scan# 2798
 Delta R.T. 0.00 min
 Lab File: BM027066.D
 Acq: 13 Aug 2020 18:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		881633		
101	9.5	7.6	11.4		
100	8.1	6.3	9.5		





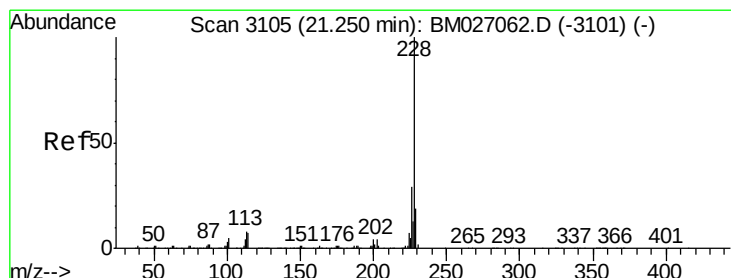
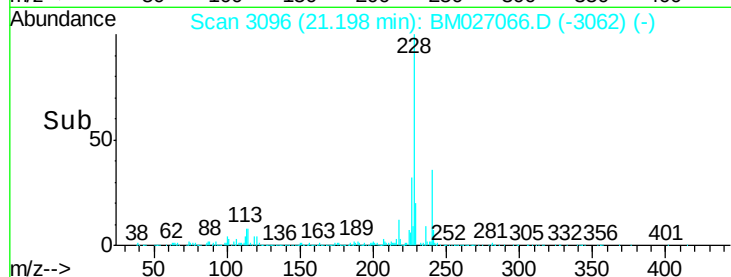
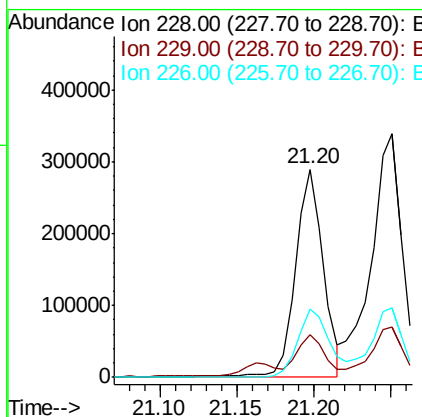
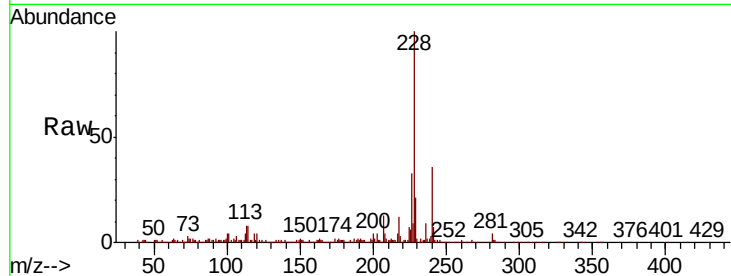
#83
Benzo(a)anthracene
Concen: 8.519 ng/ul m
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM027066.D
Acq: 13 Aug 2020 18:14

Instrument :
BNA_M
ClientSampled :
BFML4

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.6
226	32.6	21.2	31.8#

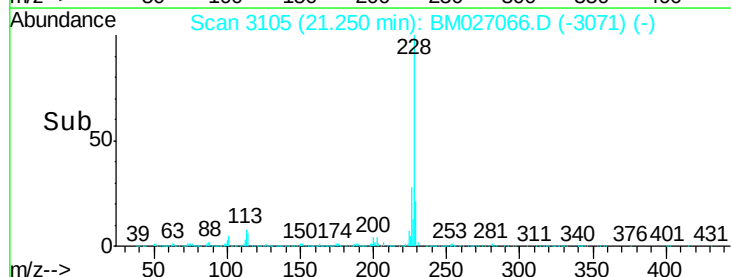
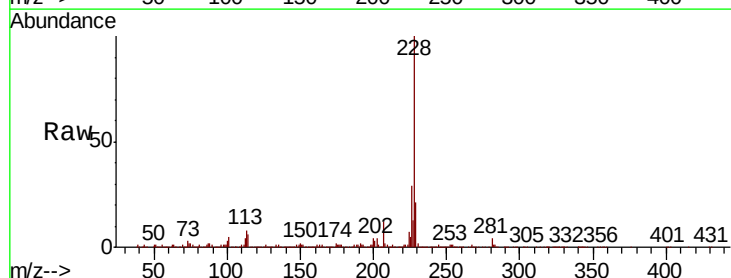
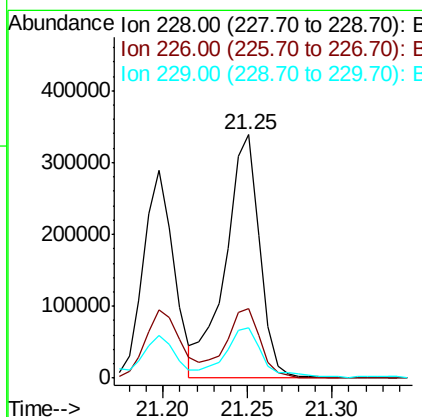
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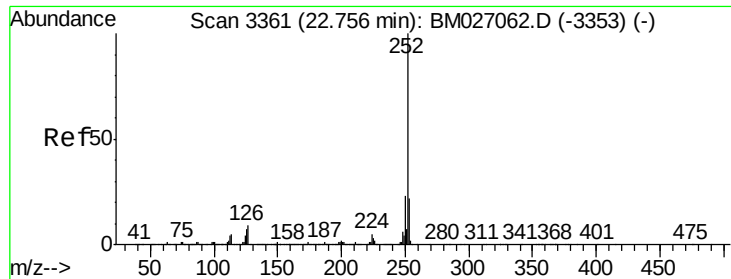
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#85
Chrysene
Concen: 11.175 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BM027066.D
Acq: 13 Aug 2020 18:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.8	35.6
229	20.9	15.8	23.8





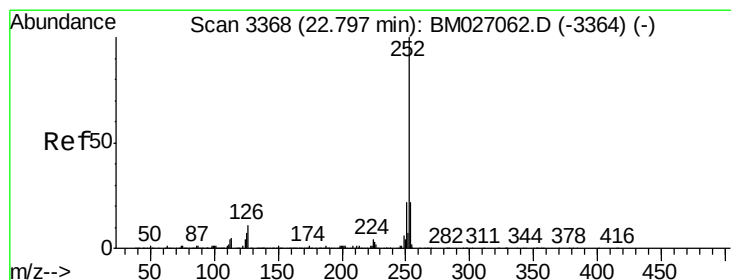
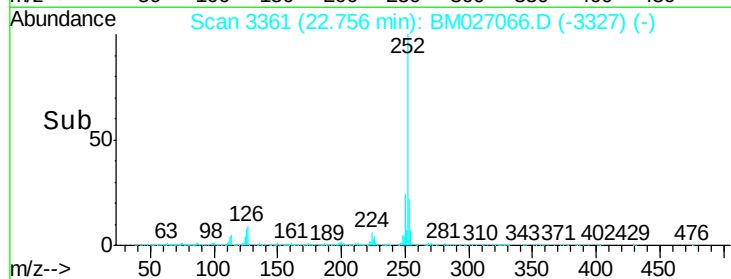
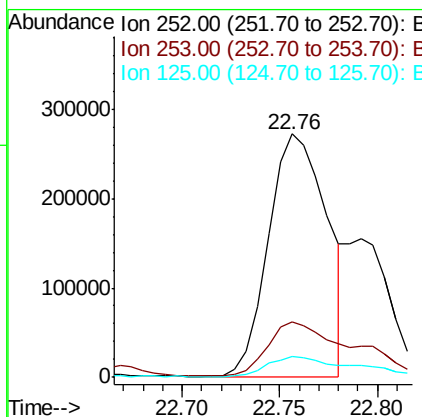
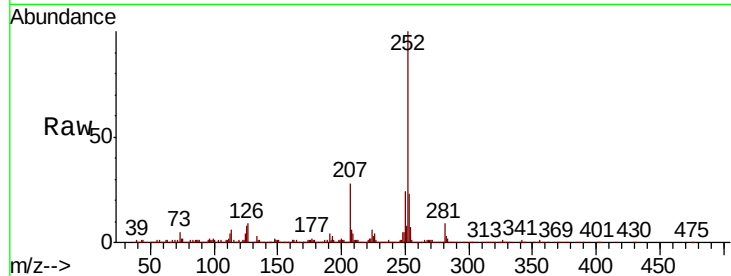
#88
Benzo(b)fluoranthene
Concen: 12.500 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. 0.00 min
Lab File: BM027066.D
Acq: 13 Aug 2020 18:14

Instrument :
BNA_M
ClientSampled :
BFML4

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	8.4	6.0	9.0

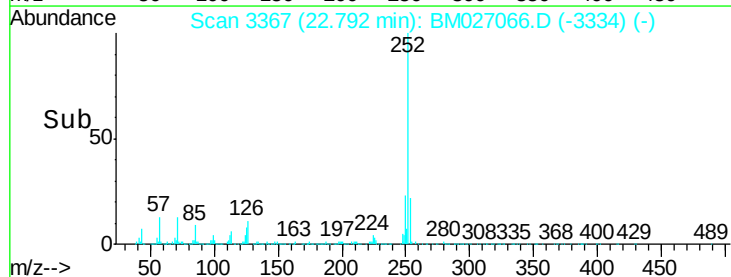
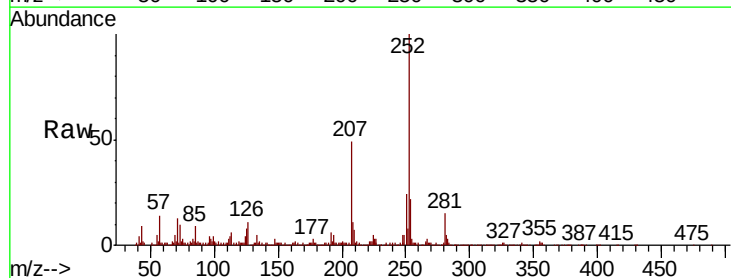
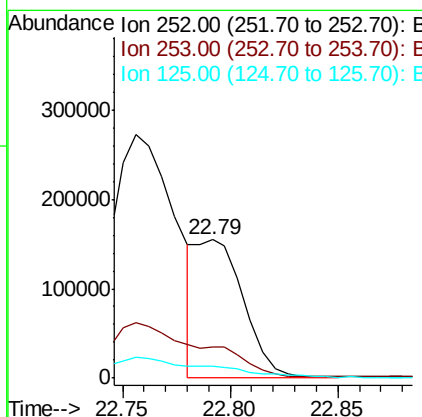
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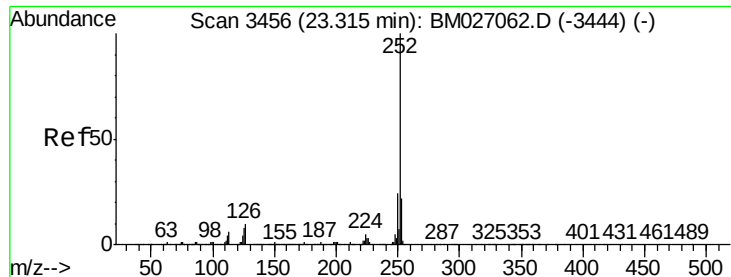
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#89
Benzo(k)fluoranthene
Concen: 5.392 ng/ul m
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM027066.D
Acq: 13 Aug 2020 18:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	8.3	5.5	8.3#





#91

Benzo(a)pyrene

Concen: 9.028 ng/ul

RT: 23.32 min Scan# 3456

Delta R.T. 0.00 min

Lab File: BM027066.D

Acq: 13 Aug 2020 18:14

Instrument :

BNA_M

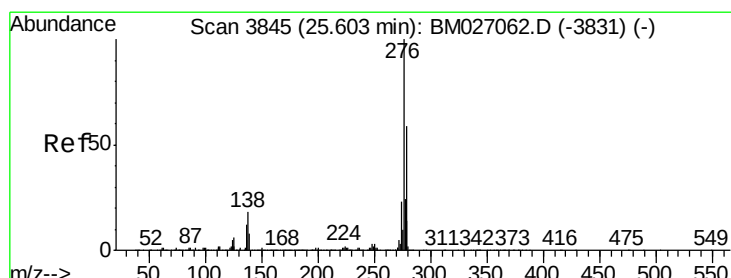
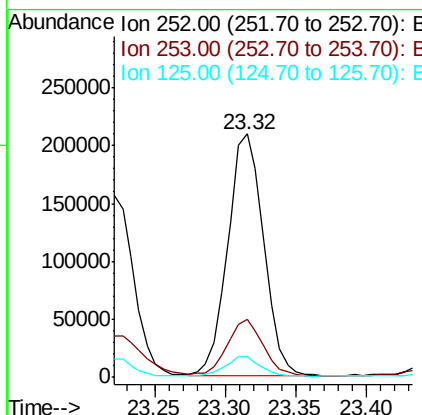
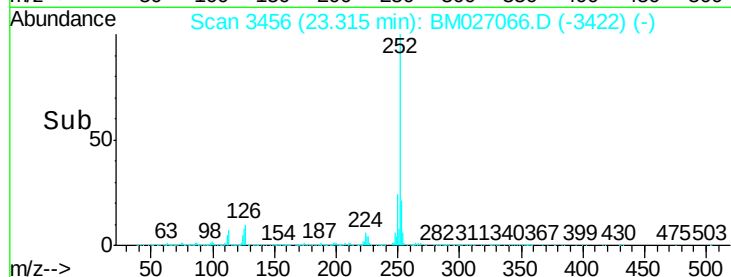
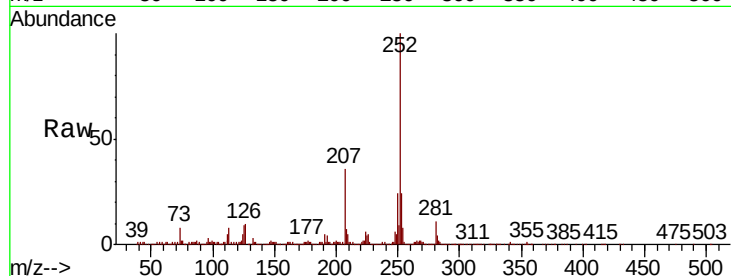
ClientSampleId :

BFML4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.4
125	8.7	5.8	8.8

Manual Integrations
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#92

Indeno(1,2,3-cd)pyrene

Concen: 5.366 ng/ul

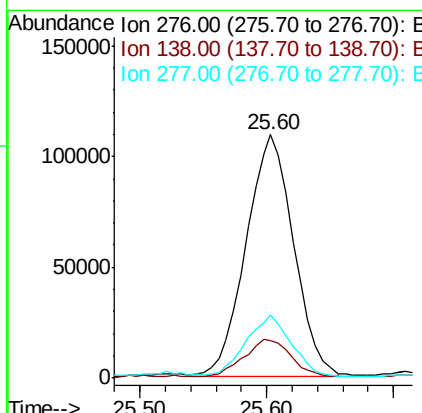
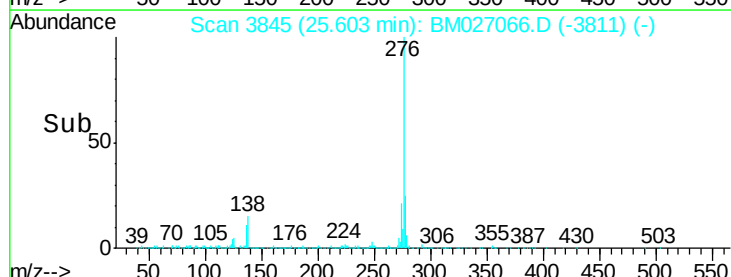
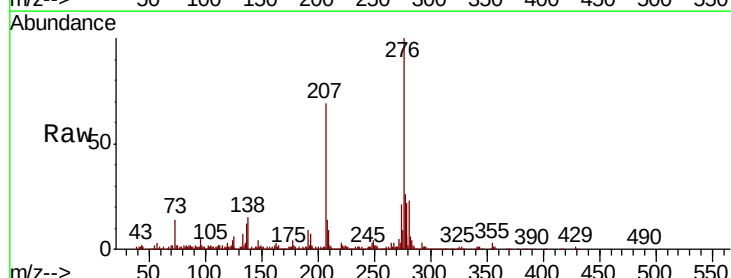
RT: 25.60 min Scan# 3845

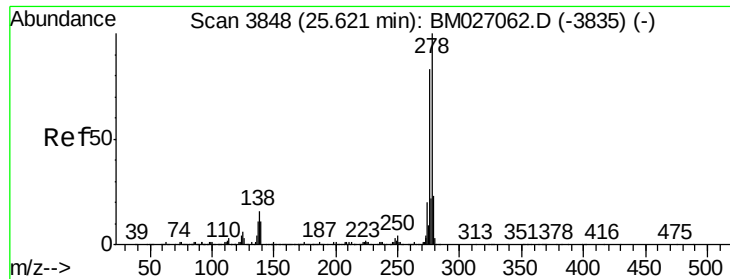
Delta R.T. 0.00 min

Lab File: BM027066.D

Acq: 13 Aug 2020 18:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.4	13.9	20.9
277	25.9	19.8	29.8





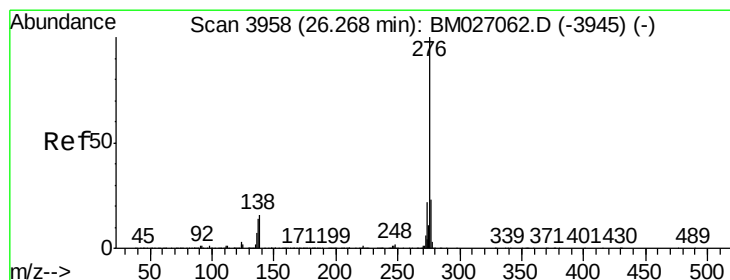
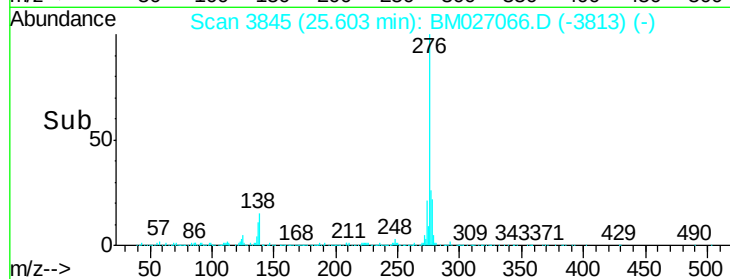
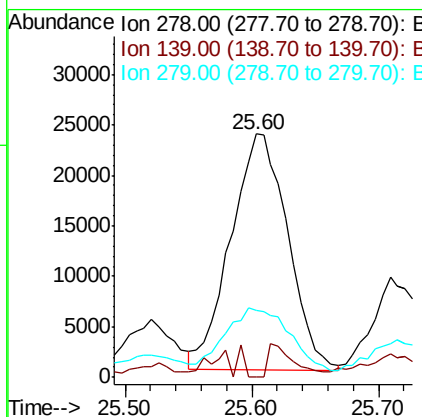
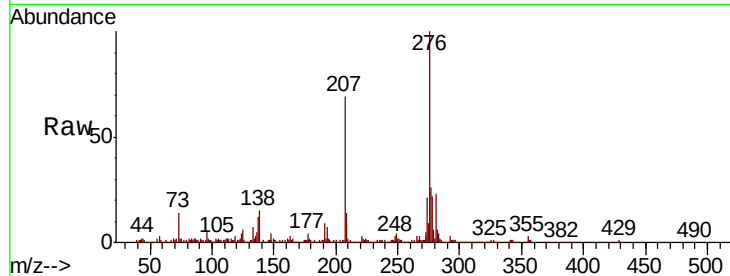
#93
Dibenzo(a,h)anthracene
Concen: 1.637 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. -0.01 min
Lab File: BM027066.D
Acq: 13 Aug 2020 18:14

Instrument :
BNA_M
ClientSampleId :
BFML4

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.4	14.0#
279	27.6	18.7	28.1

Manual Integrations
APPROVED

Sohil
8/14/2020 2:54:13 PM



#94
Benzo(g,h,i)perylene
Concen: 5.718 ng/ul
RT: 26.27 min Scan# 3959
Delta R.T. 0.00 min
Lab File: BM027066.D
Acq: 13 Aug 2020 18:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.4	12.3	18.5
277	23.0	19.0	28.6

