

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027083.D
 Acq On : 14 Aug 2020 11:16
 Operator : JU/CG
 Sample : L3630-06DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BFM73DL

Manual Integrations
 APPROVED

Sohil
 8/14/2020 2:54:27 PM

Quant Time: Aug 14 12:30:15 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	132171	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	492250	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	317158	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	680370	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	737664	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	743307	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	1645	0.57	ng/uL	0.00
5) Phenol-d5	6.82	99	35033	3.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	24442	3.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	27582	3.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	28234	3.52	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	13250	3.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	12693	3.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	30000	3.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	28182	2.85	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	95454	3.77	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	115458	3.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	5101	1.19	ng/ul	0.00
58) Fluorene-d10	15.27	176	84294	3.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	4483	1.21	ng/ul	0.00
71) Anthracene-d10	17.12	188	133282	3.98	ng/ul	0.00
79) Pyrene-d10	19.42	212	154272	4.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	163880	3.95	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.46	128	31345	1.146	ng/ul 97
50) Acenaphthene	14.33	153	72159	3.323	ng/ul 99
54) Dibenzofuran	14.67	168	80626	2.595	ng/ul 98
59) Fluorene	15.32	166	79021	3.039	ng/ul 98
70) Phenanthrene	17.06	178	950592	23.305	ng/ul 99
72) Anthracene	17.15	178	259399	6.250	ng/ul 99
75) Carbazole	17.42	167	104807	2.992	ng/ul 100
77) Fluoranthene	19.08	202	1052128	21.272	ng/ul 98
80) Pyrene	19.44	202	880244	17.580	ng/ul 98
83) Benzo(a)anthracene	21.20	228	556354	11.203	ng/ul 99
85) Chrysene	21.25	228	462586	9.490	ng/ul 97
88) Benzo(b)fluoranthene	22.76	252	559801	10.846	ng/ul 98
89) Benzo(k)fluoranthene	22.80	252	210762m	4.120	ng/ul
91) Benzo(a)pyrene	23.32	252	420974	8.962	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.60	276	253706	4.192	ng/ul 96
93) Dibenzo(a,h)anthracene	25.61	278	78593	1.533	ng/ul# 95
94) Benzo(g,h,i)perylene	26.27	276	171796	3.436	ng/ul 96

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

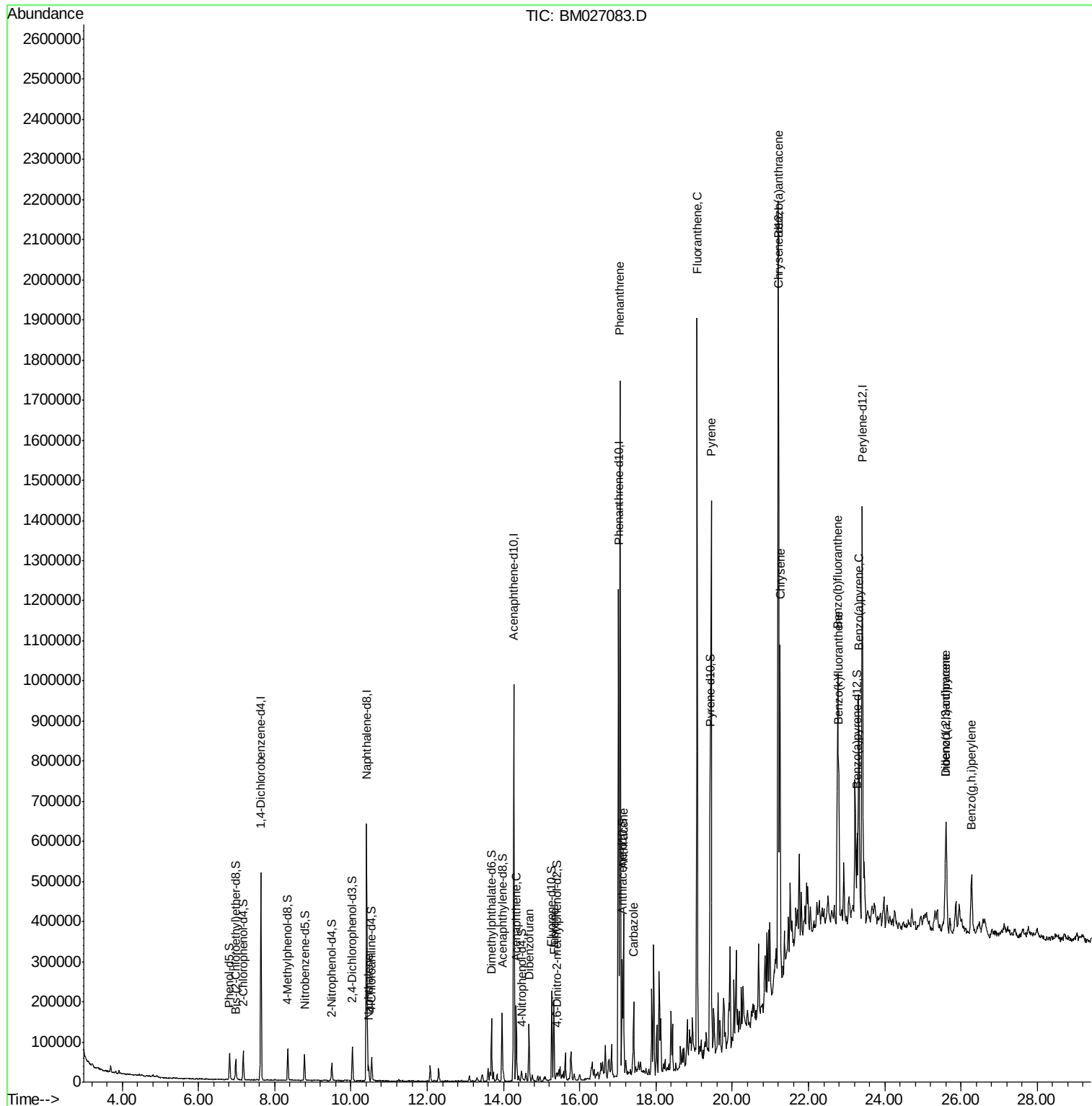
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027083.D
Acq On : 14 Aug 2020 11:16
Operator : JU/CG
Sample : L3630-06DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

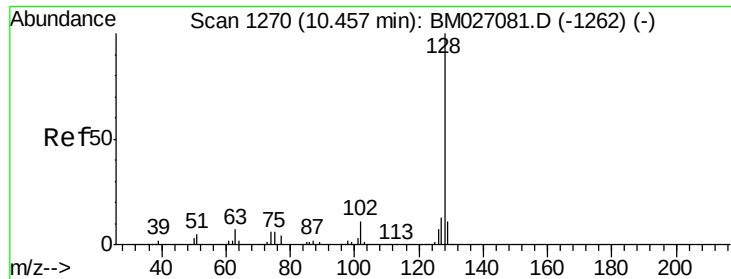
Instrument :
BNA_M
ClientSampled :
BFM73DL

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Quant Time: Aug 14 12:30:15 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





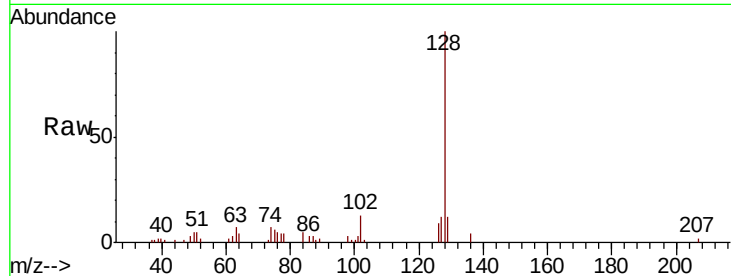
#28
Naphthalene
Concen: 1.146 ng/ul
RT: 10.46 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BM027083.D
Acq: 14 Aug 2020 11:16

Instrument :
BNA_M
ClientSampled :
BFM73DL

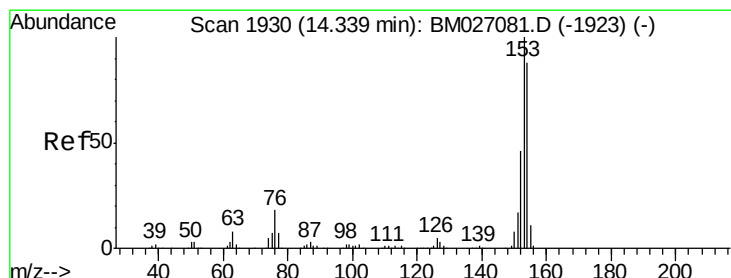
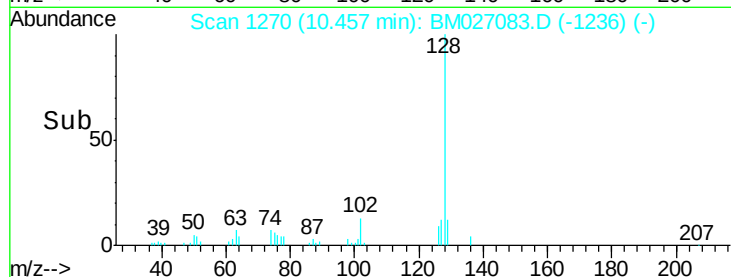
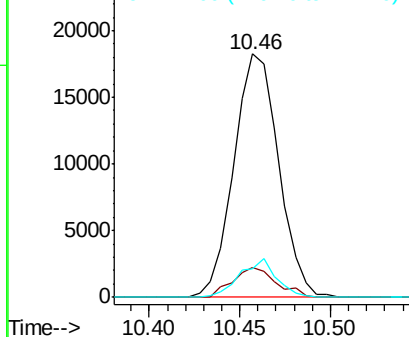
Tot Ion:128	Resp:	31345
Ion Ratio	Lower	Upper
128 100		
129 12.3	9.0	13.6
127 11.7	10.5	15.7

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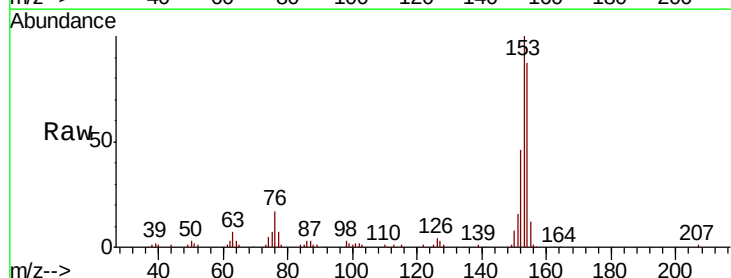


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

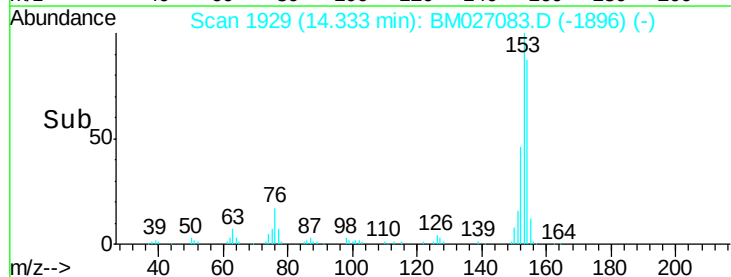
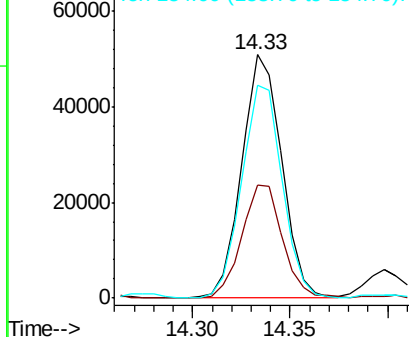


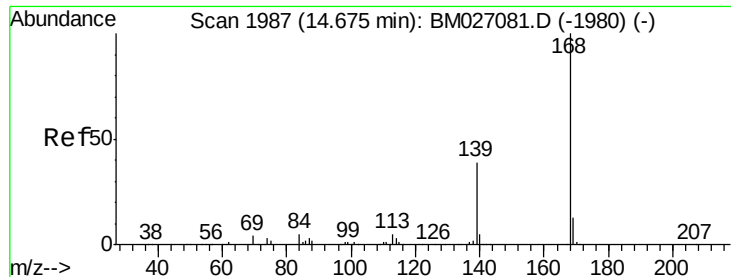
#50
Acenaphthene
Concen: 3.323 ng/ul
RT: 14.33 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BM027083.D
Acq: 14 Aug 2020 11:16

Tgt Ion:153	Resp:	72159
Ion Ratio	Lower	Upper
153 100		
152 46.2	35.9	53.9
154 87.3	69.4	104.0



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





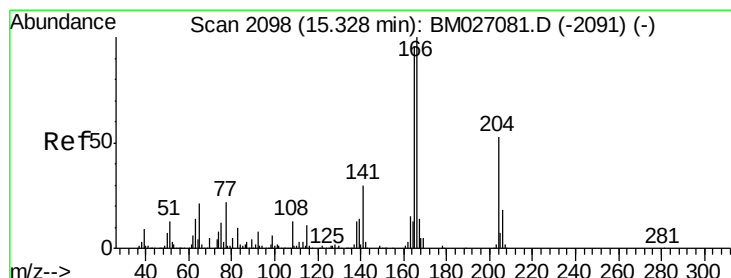
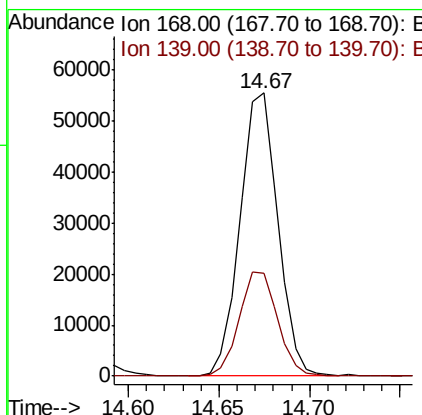
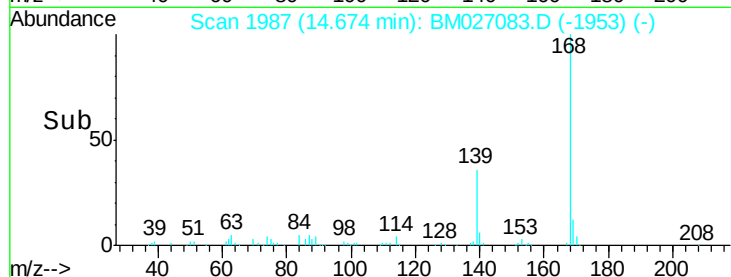
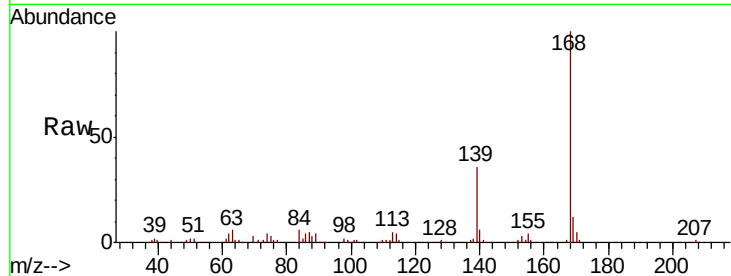
#54
Dibenzenofuran
Concen: 2.595 ng/ul
RT: 14.67 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BM027083.D
Acq: 14 Aug 2020 11:16

Instrument :
BNA_M
ClientSampleId :
BFM73DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.2	29.9	44.9

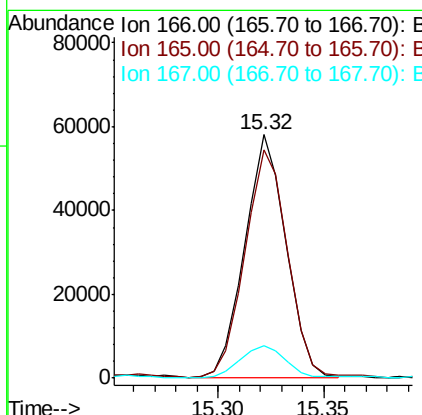
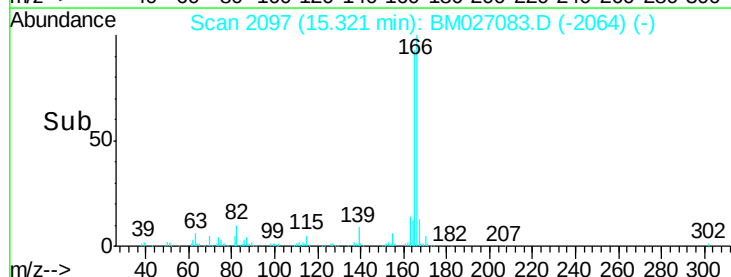
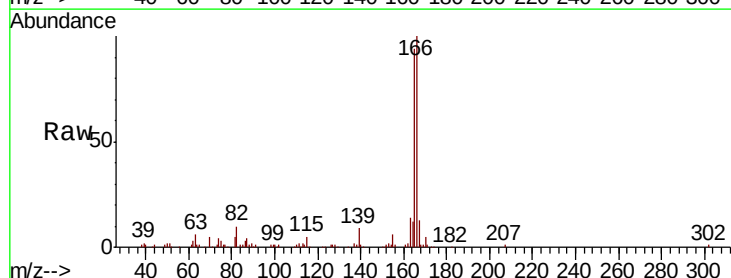
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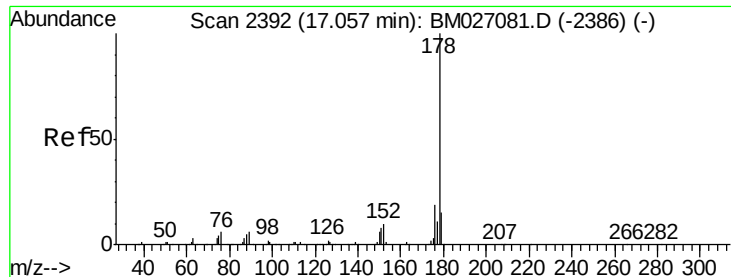
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#59
Fluorene
Concen: 3.039 ng/ul
RT: 15.32 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BM027083.D
Acq: 14 Aug 2020 11:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.8	76.9	115.3
167	13.2	10.5	15.7





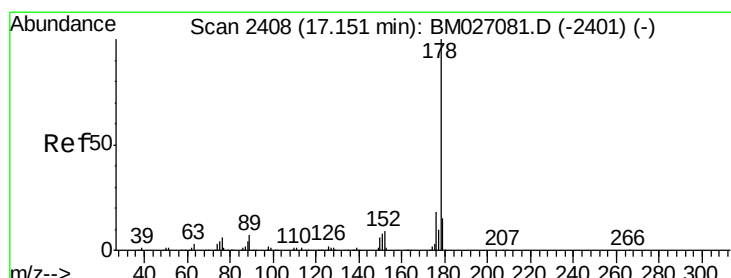
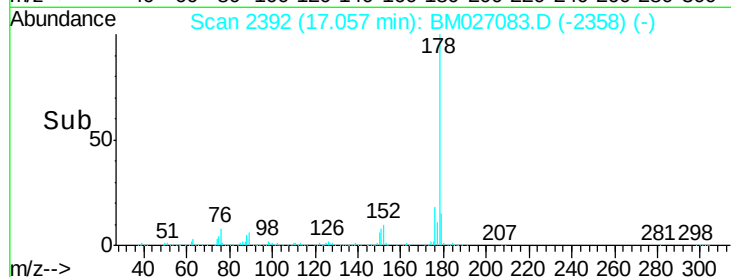
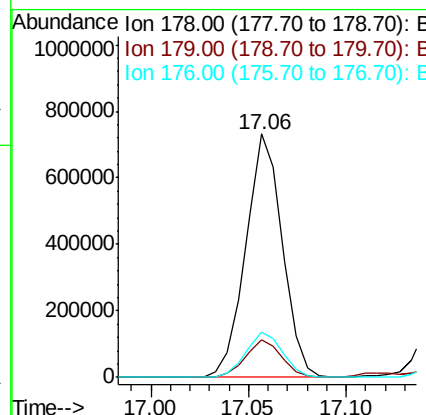
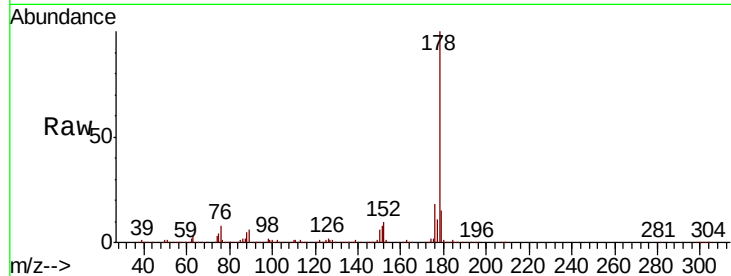
#70
Phenanthrene
Concen: 23.305 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM027083.D
Acq: 14 Aug 2020 11:16

Instrument :
BNA_M
ClientSampleId :
BFM73DL

Tot Ion:	178	Resp:	950592
Ion Ratio	Lower	Upper	
178	100		
179	15.4	11.9	17.9
176	18.4	14.6	22.0

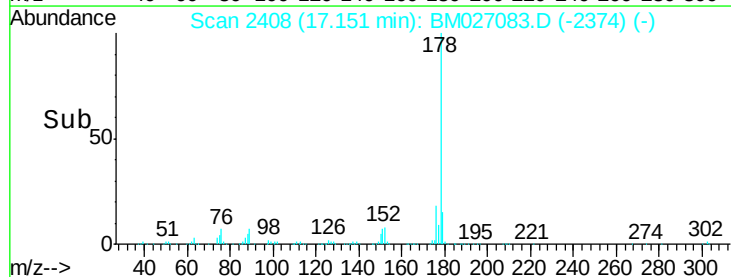
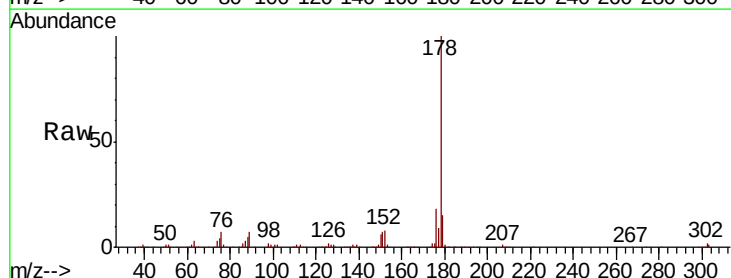
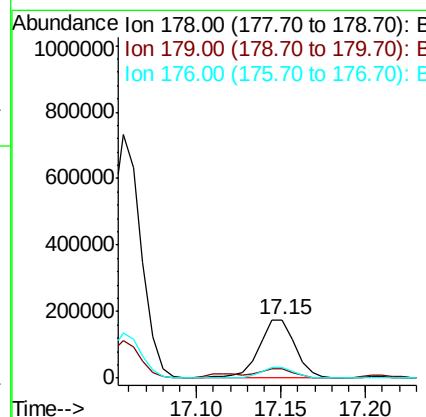
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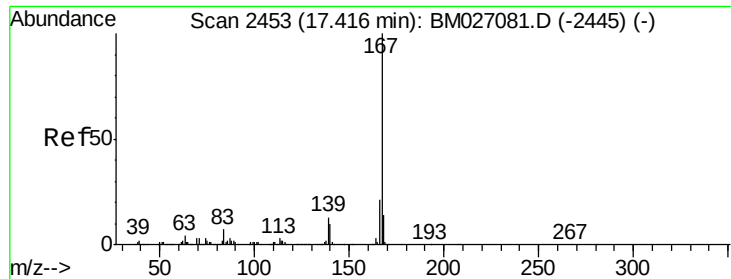
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#72
Anthracene
Concen: 6.250 ng/ul
RT: 17.15 min Scan# 2408
Delta R.T. 0.00 min
Lab File: BM027083.D
Acq: 14 Aug 2020 11:16

Tgt Ion:	178	Resp:	259399
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.0	18.0
176	17.8	14.3	21.5





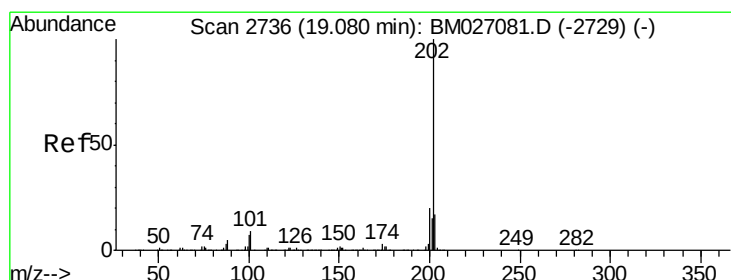
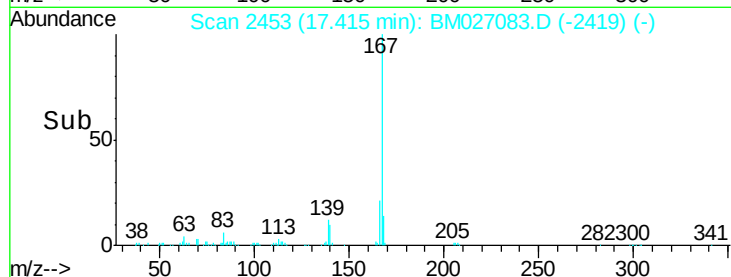
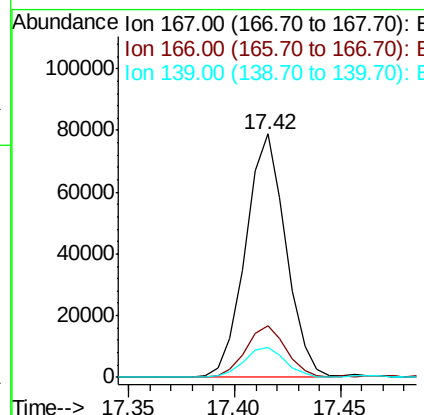
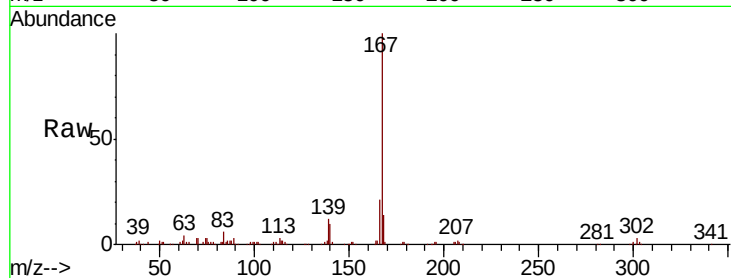
#75
 Carbazole
 Concen: 2.992 ng/ul
 RT: 17.42 min Scan# 2453
 Delta R.T. 0.00 min
 Lab File: BM027083.D
 Acq: 14 Aug 2020 11:16

Instrument :
 BNA_M
 ClientSampleId :
 BFM73DL

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	12.1	9.8	14.6

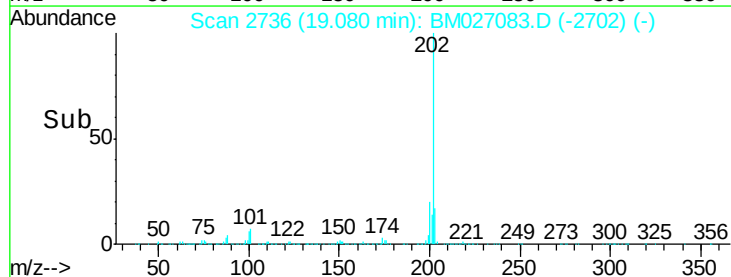
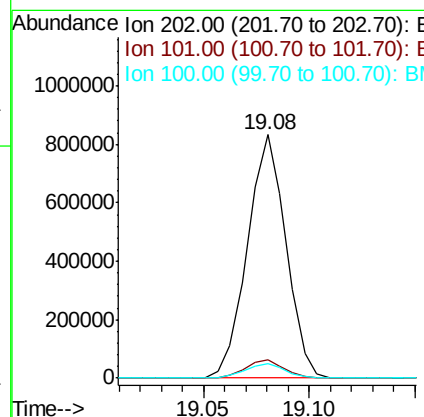
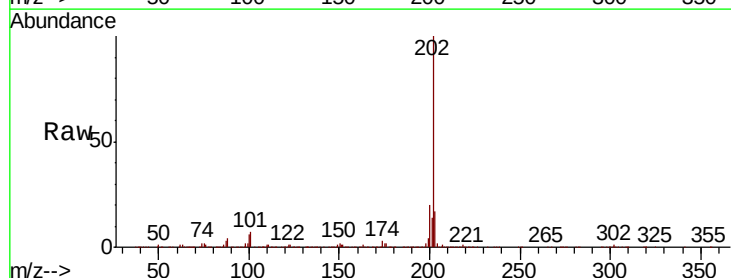
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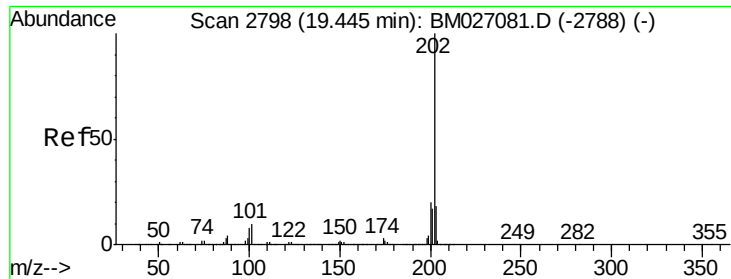
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#77
 Fluoranthene
 Concen: 21.272 ng/ul
 RT: 19.08 min Scan# 2736
 Delta R.T. 0.00 min
 Lab File: BM027083.D
 Acq: 14 Aug 2020 11:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	6.7	10.1
100	6.2	5.4	8.2





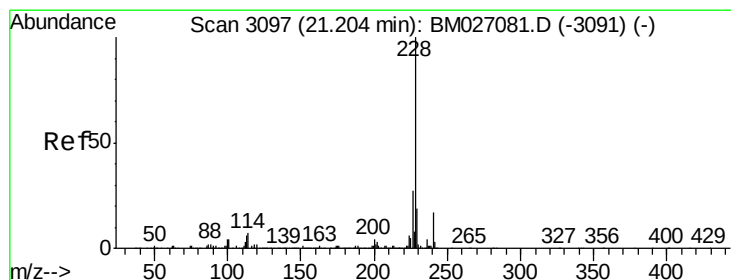
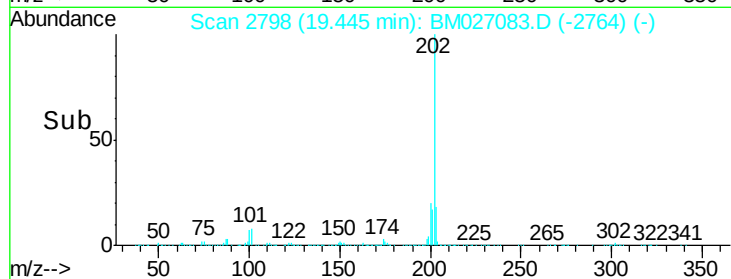
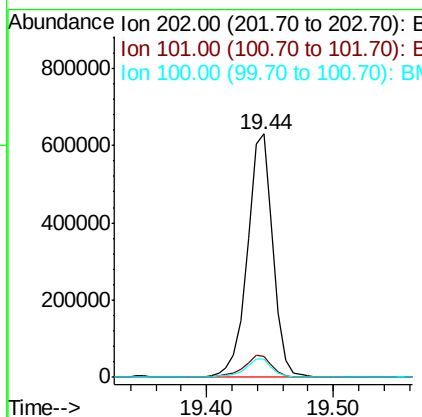
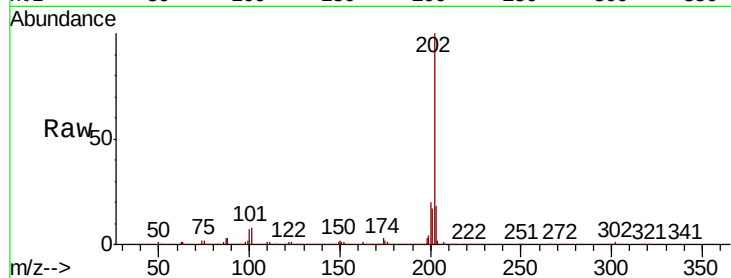
#80
Pvrene
Concen: 17.580 ng/ul
RT: 19.44 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BM027083.D
Acq: 14 Aug 2020 11:16

Instrument :
BNA_M
ClientSampleId :
BFM73DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	880244		
101	8.4	7.6	11.4	
100	7.3	6.3	9.5	

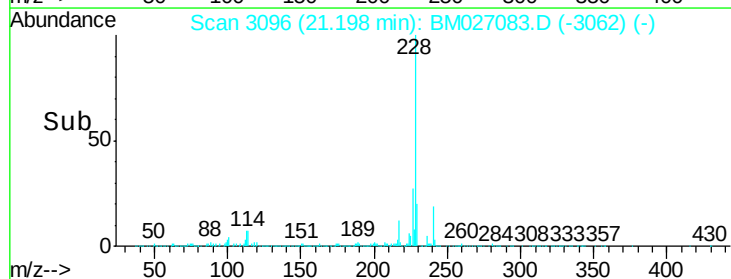
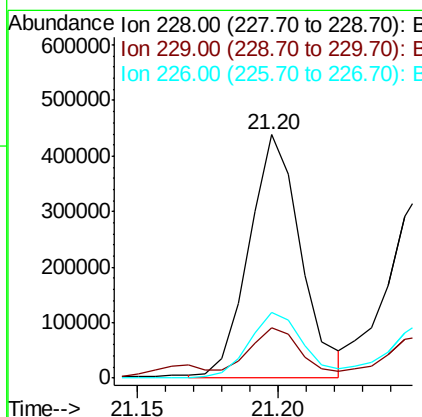
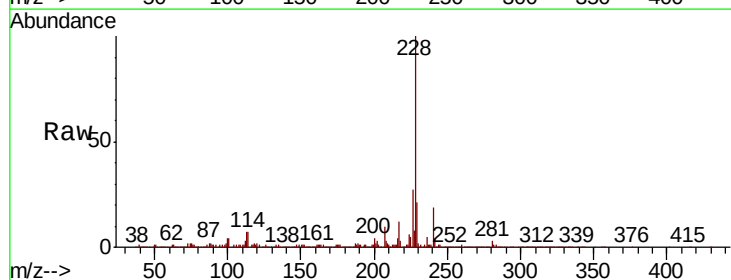
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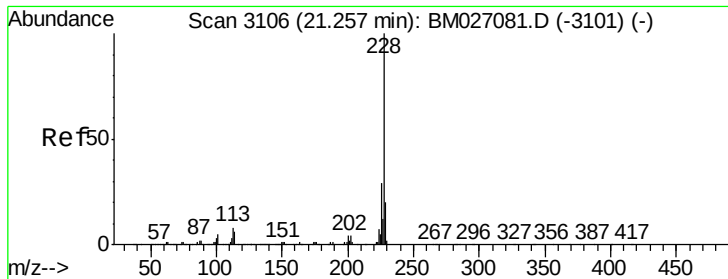
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#83
Benzo(a)anthracene
Concen: 11.203 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM027083.D
Acq: 14 Aug 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	556354		
229	20.6	15.8	23.6	
226	26.9	21.2	31.8	





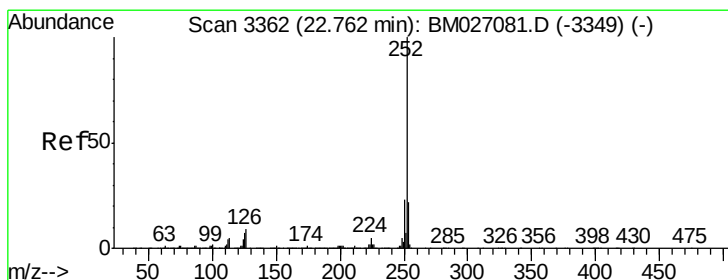
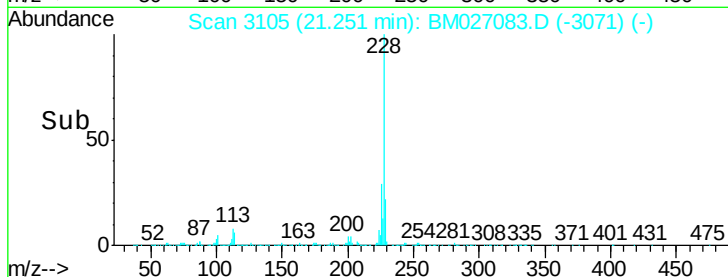
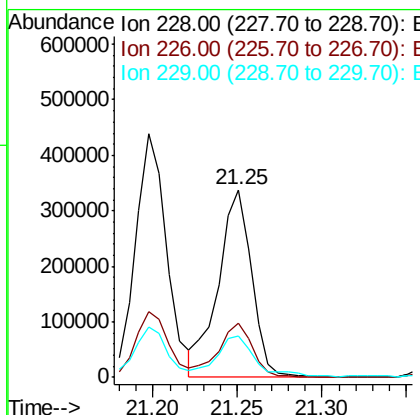
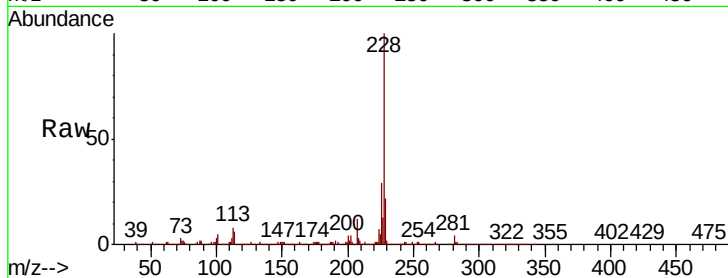
#85
Chrysene
Concen: 9.490 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BM027083.D
Acq: 14 Aug 2020 11:16

Instrument :
BNA_M
ClientSampleId :
BFM73DL

Tot Ion:	228	Resp:	462586
Ion Ratio		Lower	Upper
228	100		
226	28.9	23.8	35.6
229	22.4	15.8	23.8

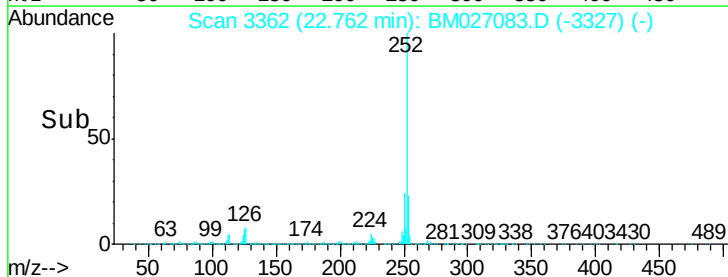
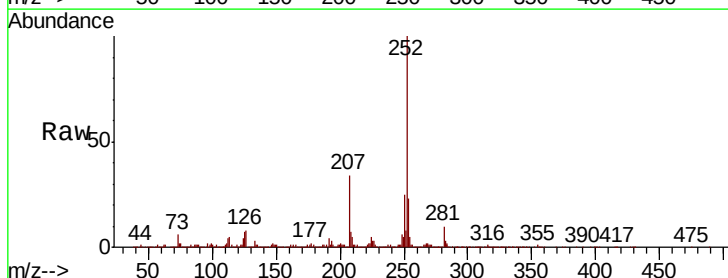
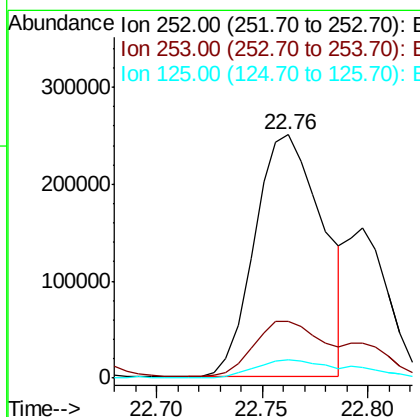
Manual Integrations
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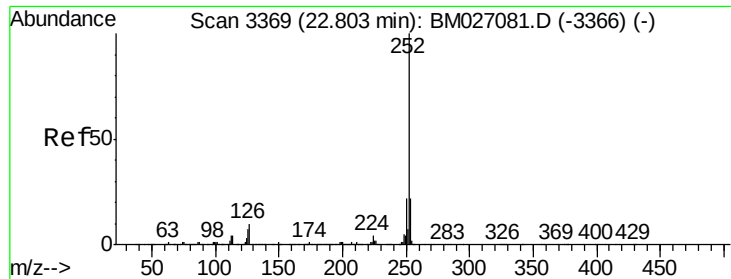
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#88
Benzo(b)fluoranthene
Concen: 10.846 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BM027083.D
Acq: 14 Aug 2020 11:16

Tgt Ion:	252	Resp:	559801
Ion Ratio		Lower	Upper
252	100		
253	23.5	17.6	26.4
125	7.3	6.0	9.0





#89

Benzo(k)fluoranthene

Concen: 4.120 ng/ul m

RT: 22.80 min Scan# 3368

Delta R.T. 0.00 min

Lab File: BM027083.D

Acq: 14 Aug 2020 11:16

Instrument :

BNA_M

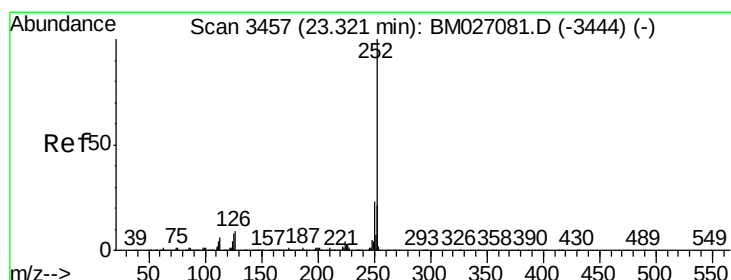
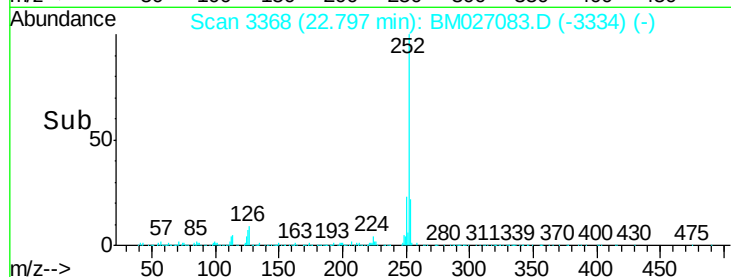
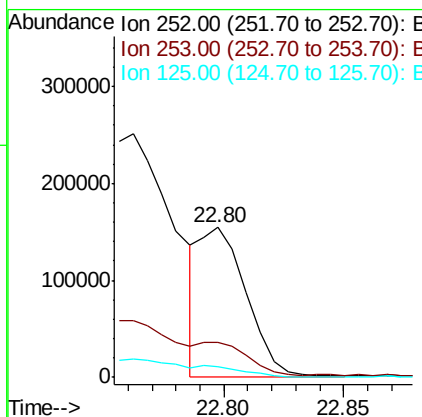
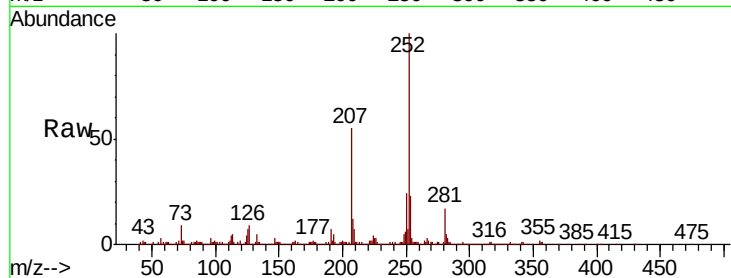
ClientSampleId :

BFM73DL

Tot Ion:	252	Resp:	210762
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.2	25.8
125	7.2	5.5	8.3

Manual Integrations
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#91

Benzo(a)pyrene

Concen: 8.962 ng/ul

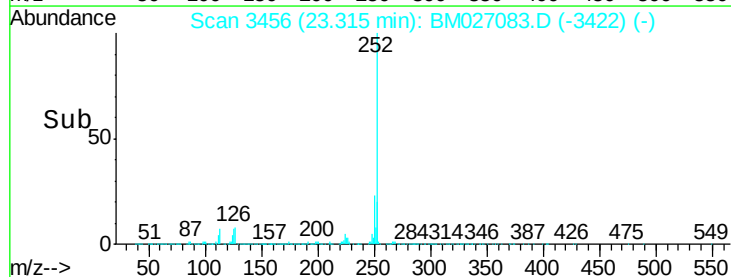
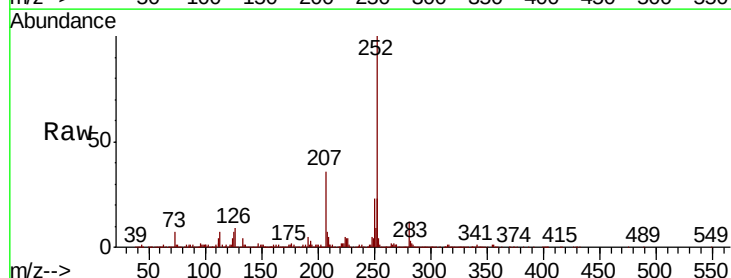
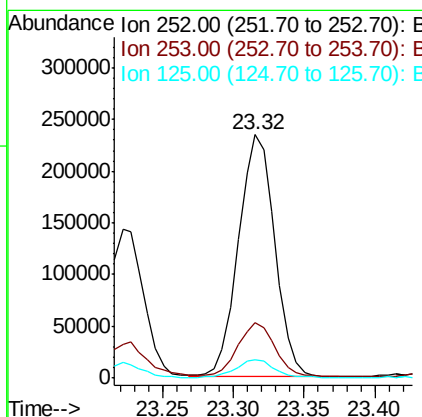
RT: 23.32 min Scan# 3456

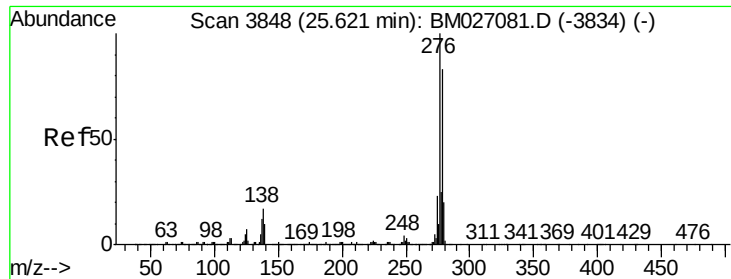
Delta R.T. 0.00 min

Lab File: BM027083.D

Acq: 14 Aug 2020 11:16

Tgt Ion:	252	Resp:	420974
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.0	25.4
125	7.3	5.8	8.8





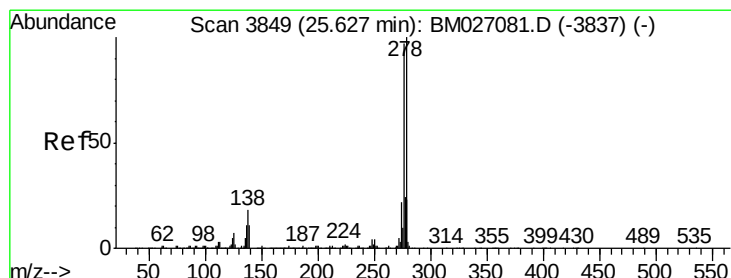
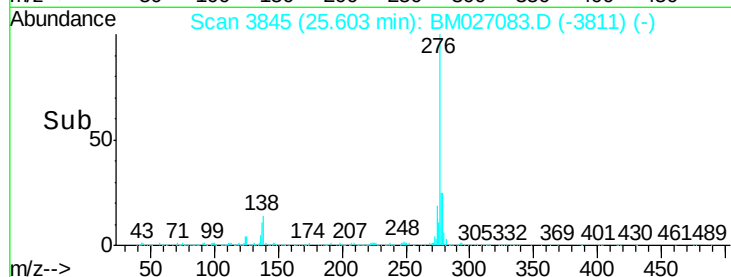
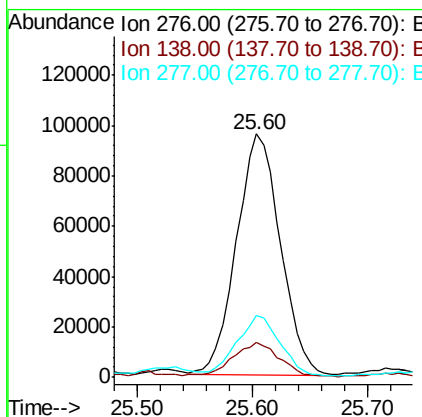
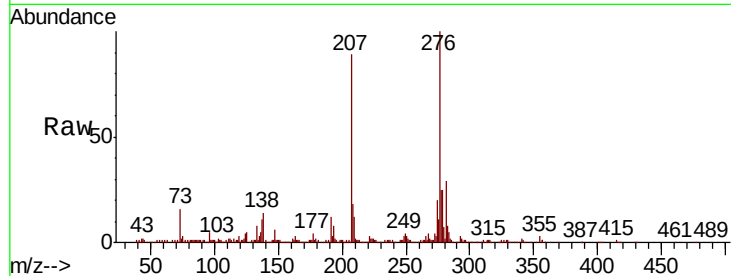
#92
Indeno(1,2,3-cd)pyrene
Concen: 4.192 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. 0.00 min
Lab File: BM027083.D
Acq: 14 Aug 2020 11:16

Instrument :
BNA_M
ClientSampleId :
BFM73DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.3	13.9	20.9
277	25.4	19.8	29.8

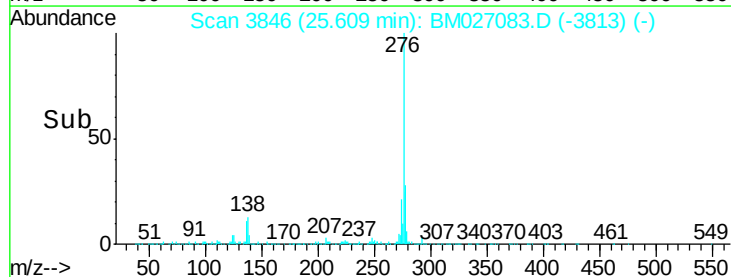
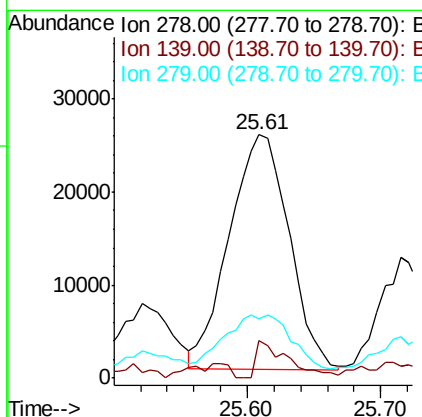
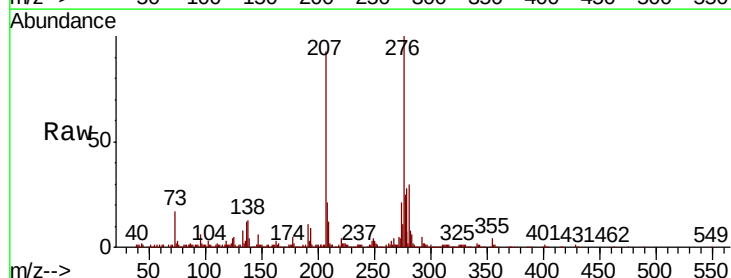
Manual Integrations
APPROVED

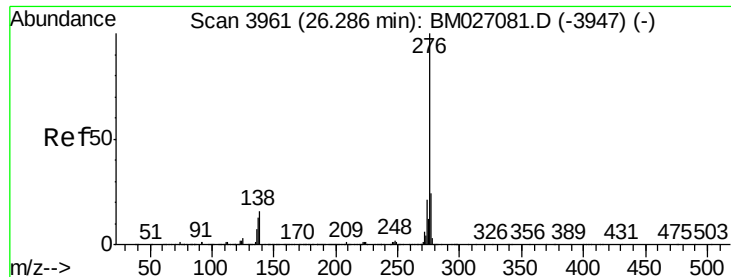
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#93
Dibenzo(a,h)anthracene
Concen: 1.533 ng/ul
RT: 25.61 min Scan# 3846
Delta R.T. -0.01 min
Lab File: BM027083.D
Acq: 14 Aug 2020 11:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.2	9.4	14.0#
279	24.6	18.7	28.1





#94

Benzo(a,h,i)perylene

Concen: 3.436 ng/ul

RT: 26.27 min Scan# 3959

Delta R.T. 0.00 min

Lab File: BM027083.D

Acq: 14 Aug 2020 11:16

Instrument :

BNA_M

ClientSampleId :

BFM73DL

Tot Ion:	276	Resp:	171796
Ion Ratio		Lower	Upper
276	100		
138	13.2	12.3	18.5
277	22.4	19.0	28.6

Manual Integrations
APPROVED

Sohil
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