

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
 Data File : BM028421.D
 Acq On : 18 Jan 2021 12:24
 Operator : CG/JU
 Sample : M1117-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFN62

Manual Integrations
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Quant Time: Jan 18 13:25:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 18 10:13:28 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	29674	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	115714	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	62063	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	119571	20.00	ng/ul	0.00
78) Chrysene-d12	21.58	240	112809	20.00	ng/ul	0.00
86) Perylene-d12	23.90	264	115669	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	1313	1.86	ng/uL	0.01
5) Phenol-d5	7.24	99	31469	12.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	19070	12.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	26884	12.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	24748	12.10	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	12035	12.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	13113	12.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	24424	12.39	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	15055	6.56	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	66506	13.49	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	87591	13.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	9224	9.99	ng/ul	0.00
58) Fluorene-d10	15.71	176	57390	13.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	6242	7.59	ng/ul	0.00
71) Anthracene-d10	17.55	188	85115	13.83	ng/ul	0.00
79) Pyrene-d10	19.82	212	89460	13.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.76	264	93296	14.21	ng/ul	0.02

Target Compounds

					Ovalue	
4) Benzaldehyde	7.22	77	4043	3.222	ng/ul	94
6) Phenol	7.26	94	7038	2.792	ng/ul	97
14) Acetophenone	8.92	105	3994	1.319	ng/ul	97
34) 2-Methylnaphthalene	12.56	142	4674	1.057	ng/ul	93
45) Dimethylphthalate	14.17	163	12260	2.454	ng/ul#	99
48) Acenaphthylene	14.45	152	18255	2.898	ng/ul	97
70) Phenanthrene	17.50	178	123112	16.675	ng/ul	99
72) Anthracene	17.59	178	29958	3.975	ng/ul	97
75) Carbazole	17.85	167	13346	2.084	ng/ul	98
77) Fluoranthene	19.49	202	248723	30.961	ng/ul	97
80) Pyrene	19.85	202	246631	28.260	ng/ul	99
83) Benzo(a)anthracene	21.56	228	129902	16.569	ng/ul	98
85) Chrysene	21.61	228	128214	16.866	ng/ul	97
88) Benzo(b)fluoranthene	23.20	252	186298	23.791	ng/ul#	95
89) Benzo(k)fluoranthene	23.24	252	56477m	7.367	ng/ul	
91) Benzo(a)pyrene	23.80	252	130839	18.097	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	26.28	276	100096	11.357	ng/ul	97
93) Dibenzo(a,h)anthracene	26.29	278	25306	3.407	ng/ul#	79
94) Benzo(g,h,i)perylene	27.01	276	117232	15.942	ng/ul	96

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

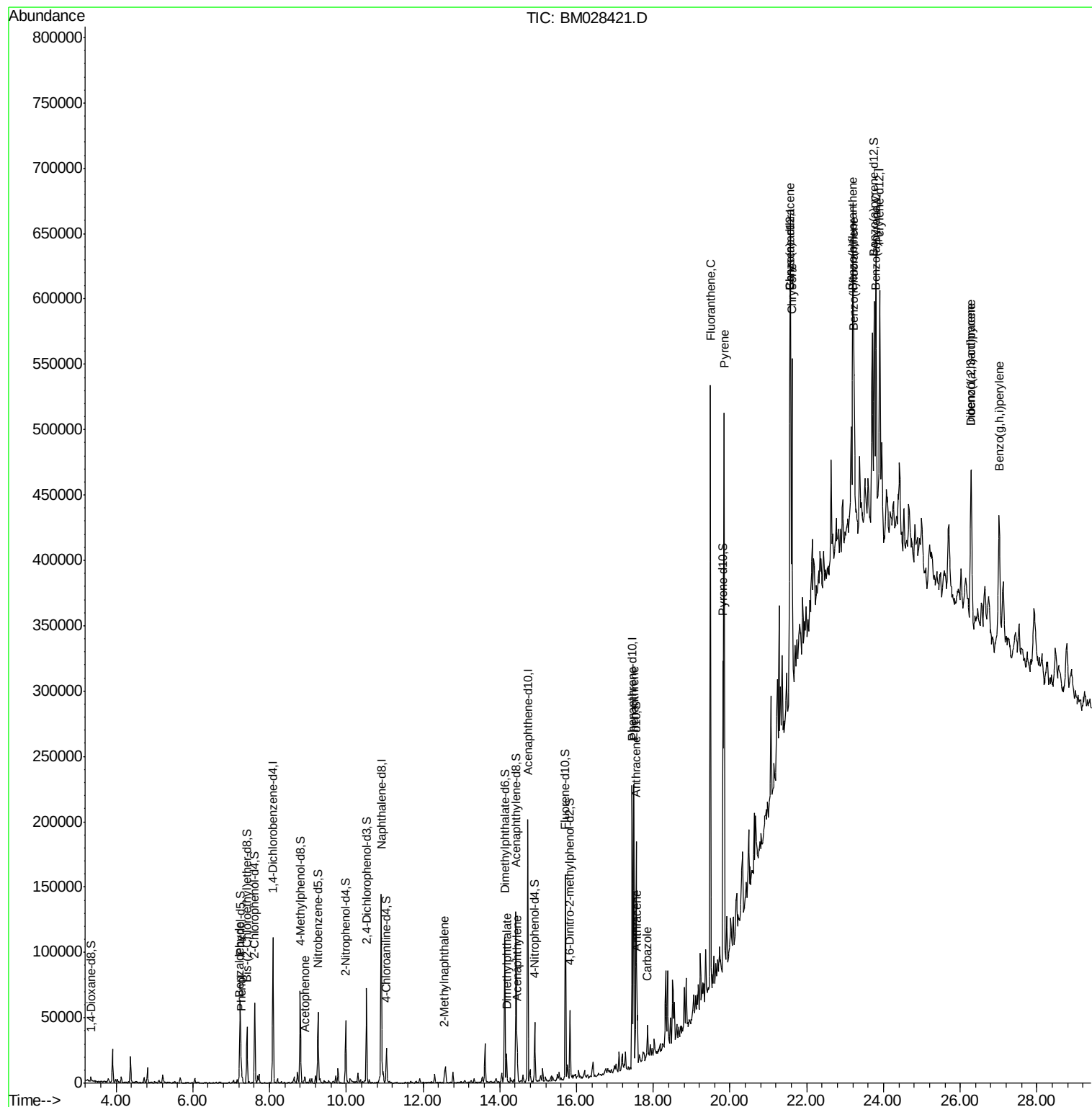
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
Data File : BM028421.D
Acq On : 18 Jan 2021 12:24
Operator : CG/JU
Sample : M1117-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

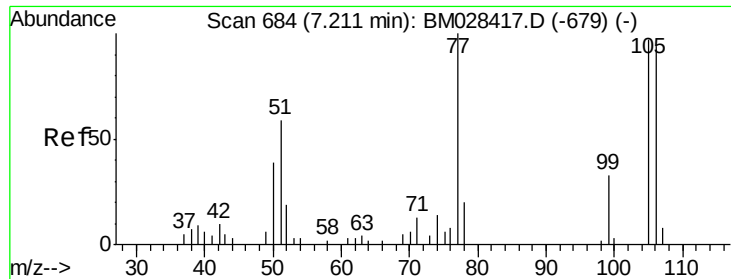
Instrument :
BNA_M
ClientSampled :
BFN62

Quant Time: Jan 18 13:25:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION
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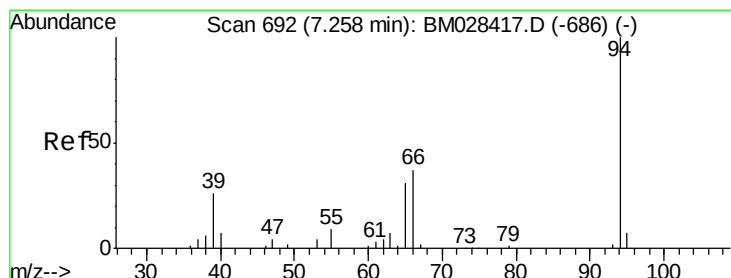
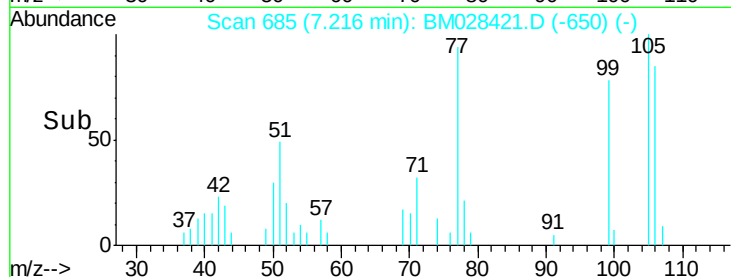
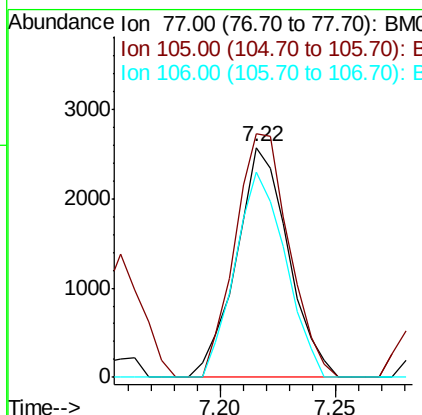
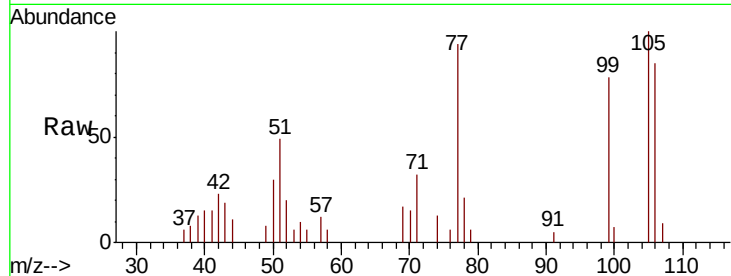
#4
Benzaldehyde
Concen: 3.222 ng/ul
RT: 7.22 min Scan# 685
Delta R.T. 0.01 min
Lab File: BM028421.D
Acq: 18 Jan 2021 12:24

Instrument :
BNA_M
ClientSampleId :
BFN62

Tot Ion	Ratio	Lower	Upper
77	100		
105	105.9	79.4	119.0
106	89.5	75.8	113.6

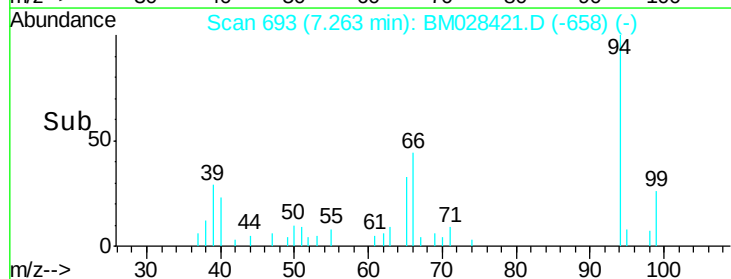
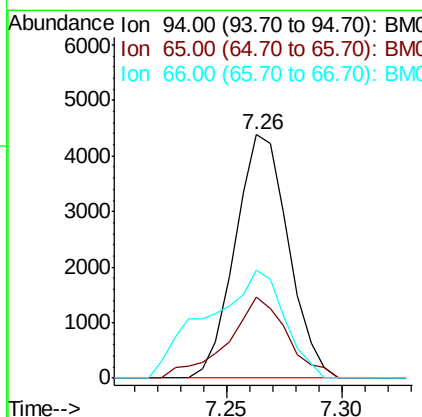
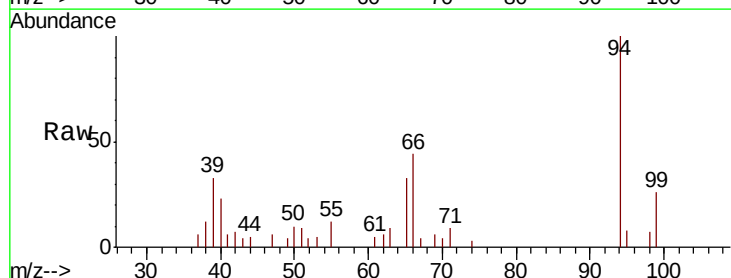
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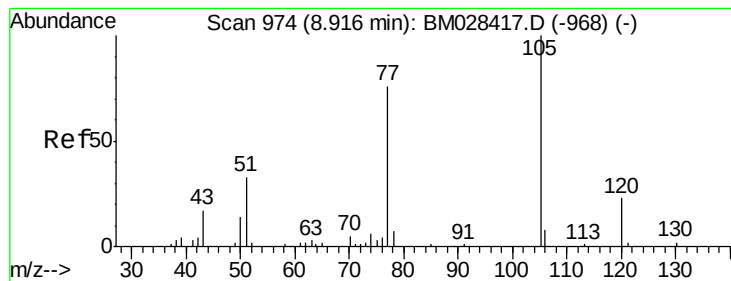
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#6
Phenol
Concen: 2.792 ng/ul
RT: 7.26 min Scan# 693
Delta R.T. 0.01 min
Lab File: BM028421.D
Acq: 18 Jan 2021 12:24

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.1	25.6	38.4
66	44.1	33.0	49.4





#14

Acetophenone

Concen: 1.319 ng/ul

RT: 8.92 min Scan# 975

Delta R.T. 0.01 min

Lab File: BM028421.D

Acq: 18 Jan 2021 12:24

Instrument :

BNA_M

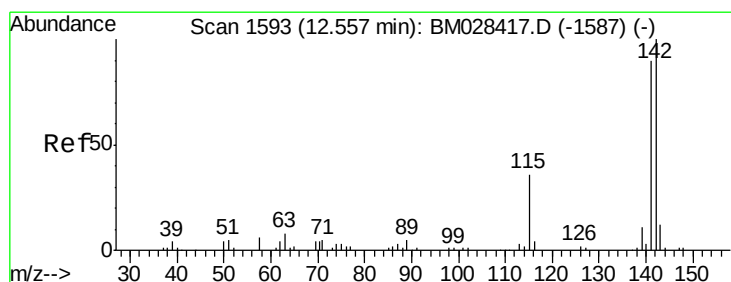
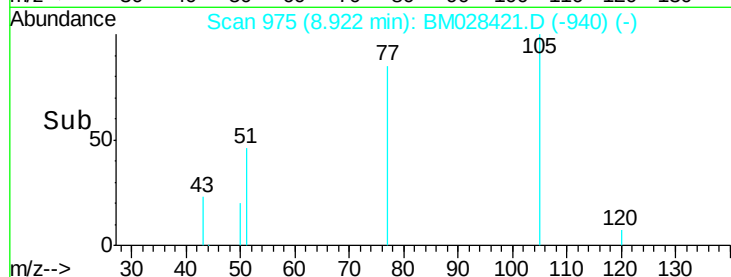
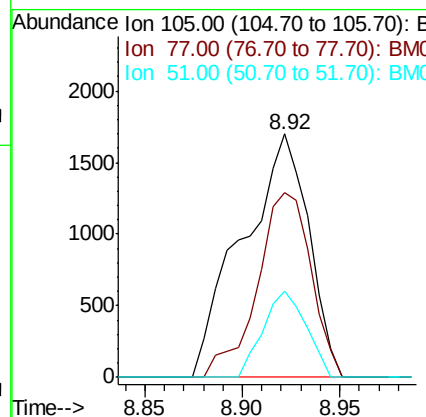
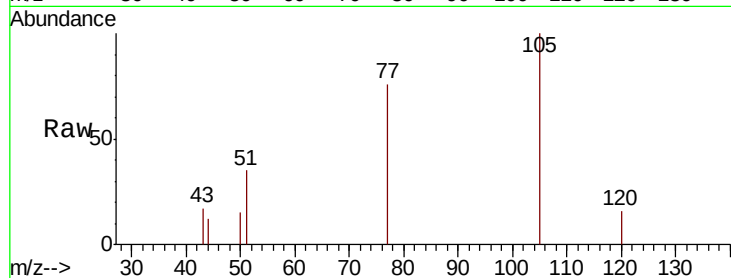
ClientSampleId :

BFN62

Tot Ion:	105	Resp:	3994
Ion Ratio	Lower	Upper	
105	100		
77	76.0	63.2	94.8
51	35.2	27.6	41.4

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#34

2-Methylnaphthalene

Concen: 1.057 ng/ul

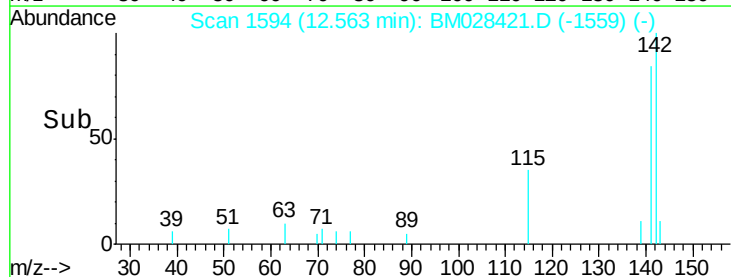
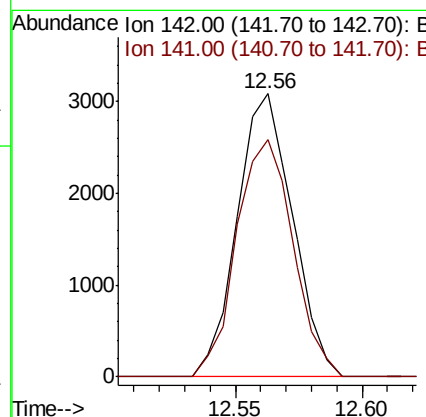
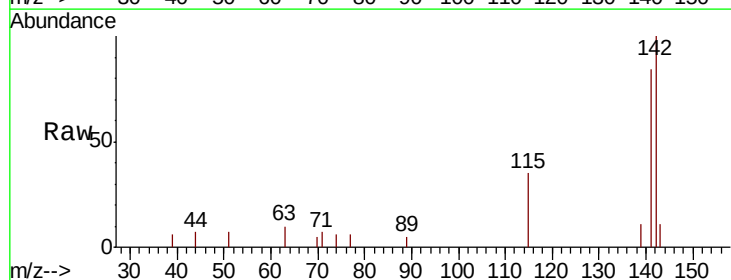
RT: 12.56 min Scan# 1594

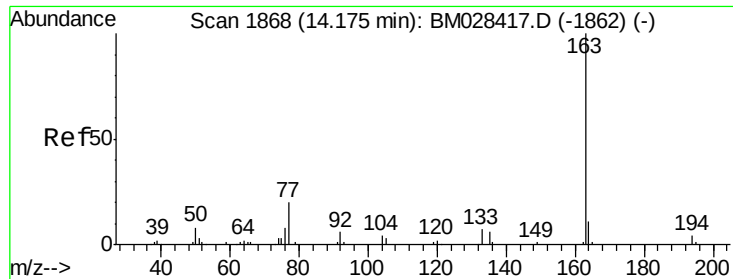
Delta R.T. 0.01 min

Lab File: BM028421.D

Acq: 18 Jan 2021 12:24

Tgt Ion:	142	Resp:	4674
Ion Ratio	Lower	Upper	
142	100		
141	83.8	71.9	107.9





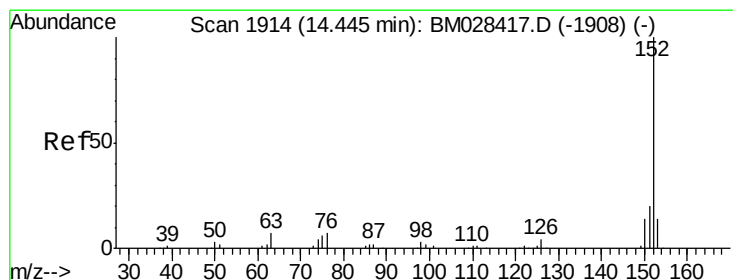
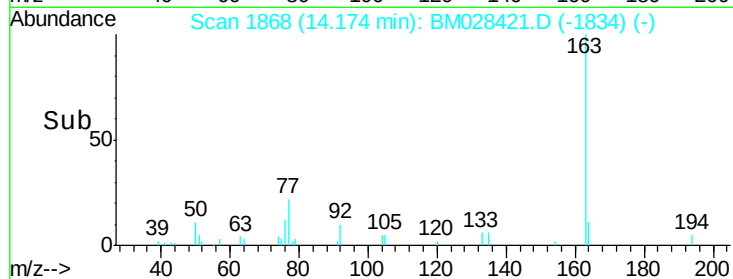
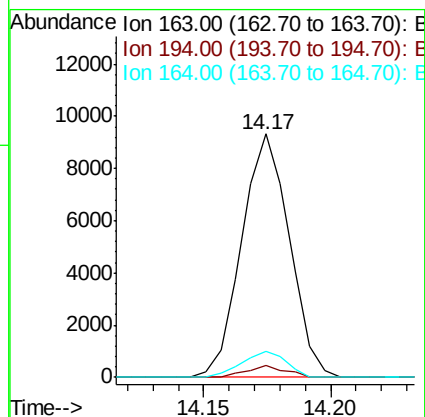
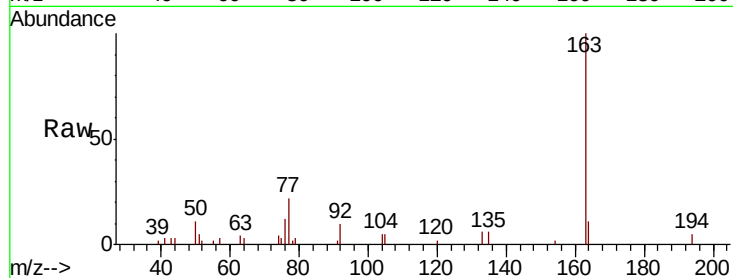
#45
Dimethylphthalate
Concen: 2.454 ng/ul
RT: 14.17 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BM028421.D
Acq: 18 Jan 2021 12:24

Instrument :
BNA_M
ClientSampleId :
BFN62

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.3	4.9
164	10.5	8.2	12.2

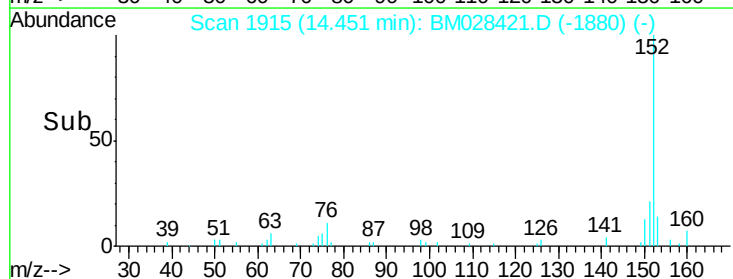
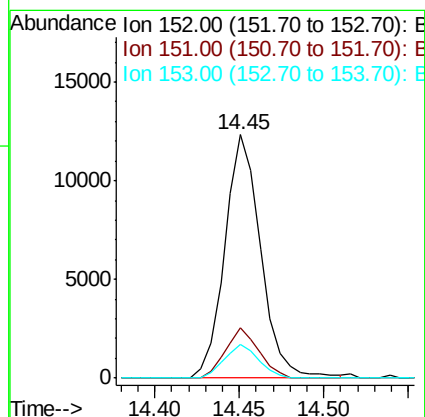
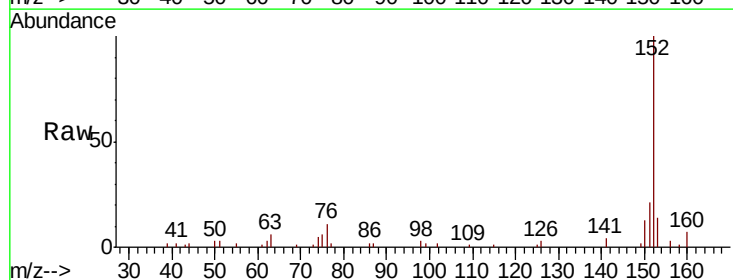
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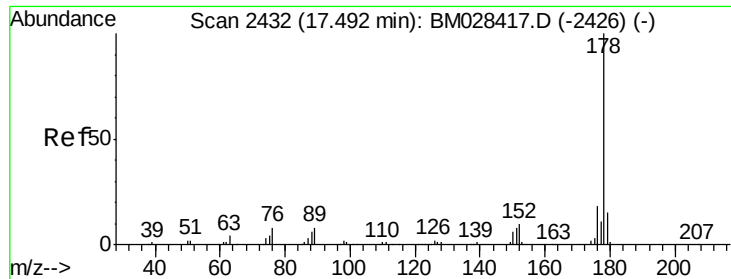
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#48
Acenaphthylene
Concen: 2.898 ng/ul
RT: 14.45 min Scan# 1915
Delta R.T. 0.01 min
Lab File: BM028421.D
Acq: 18 Jan 2021 12:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.4	23.0
153	13.6	10.4	15.6





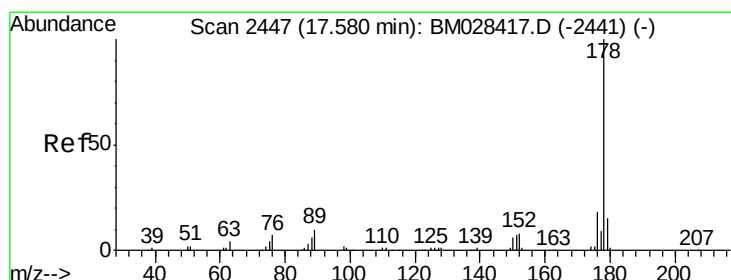
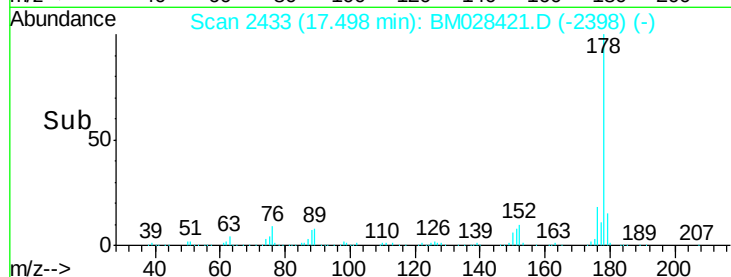
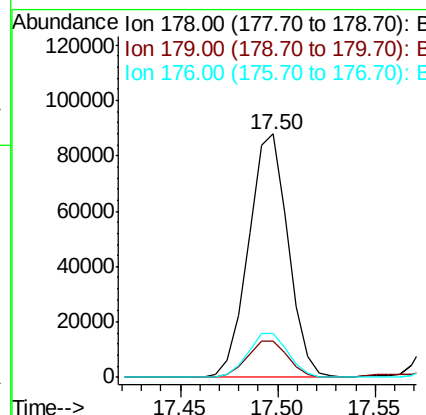
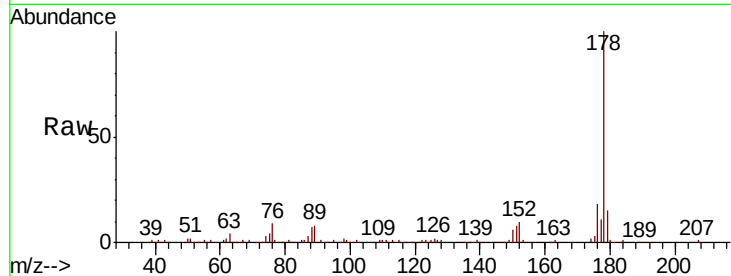
#70
Phenanthrene
Concen: 16.675 ng/ul
RT: 17.50 min Scan# 2433
Delta R.T. 0.01 min
Lab File: BM028421.D
Acq: 18 Jan 2021 12:24

Instrument :
BNA_M
ClientSampleId :
BFN62

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.3	18.5
176	18.2	14.6	22.0

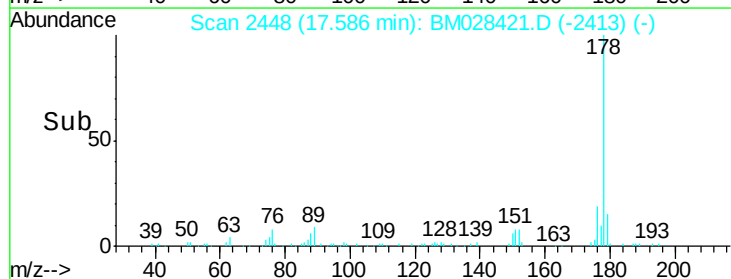
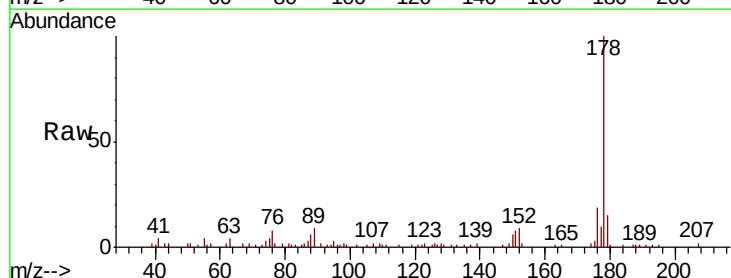
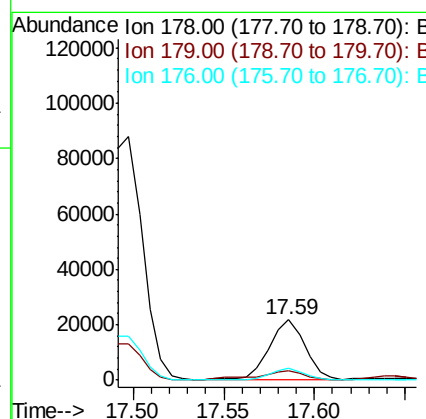
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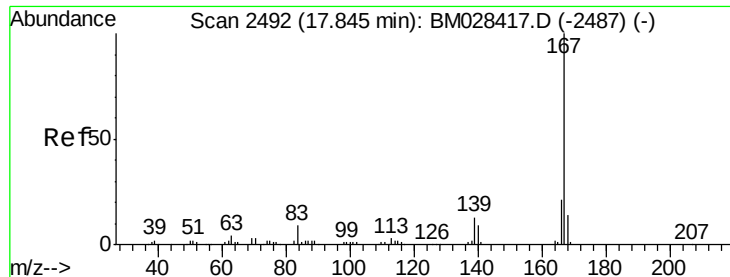
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#72
Anthracene
Concen: 3.975 ng/ul
RT: 17.59 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BM028421.D
Acq: 18 Jan 2021 12:24

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.7	17.5
176	19.3	14.2	21.2





#75

Carbazole

Concen: 2.084 ng/ul

RT: 17.85 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BM028421.D

Acq: 18 Jan 2021 12:24

Instrument :

BNA_M

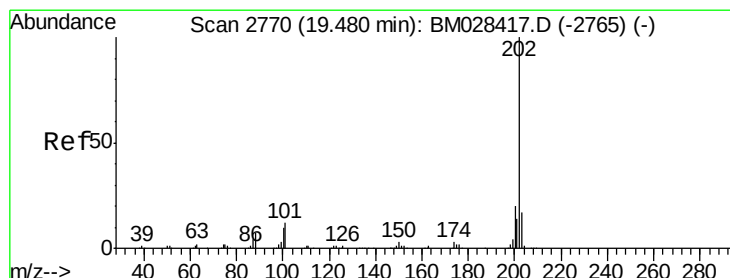
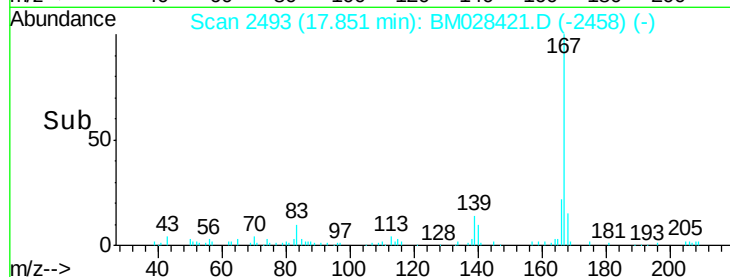
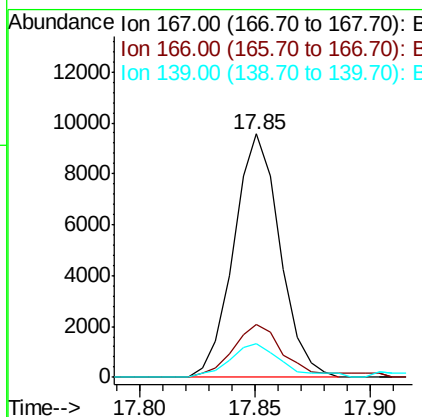
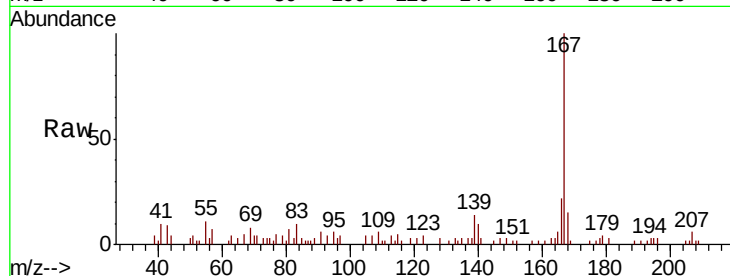
ClientSampleId :

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Tot Ion:	167	Resp:	13346
Ion Ratio	Lower	Upper	
167	100		
166	21.7	16.7	25.1
139	13.7	10.2	15.4

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#77

Fluoranthene

Concen: 30.961 ng/ul

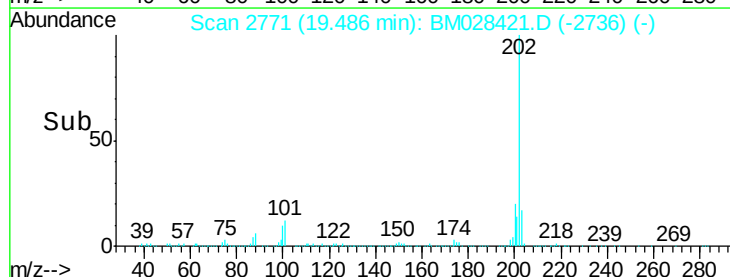
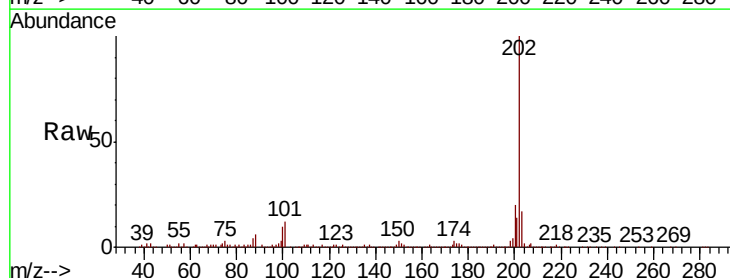
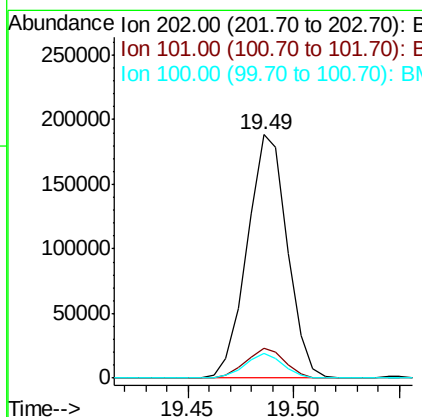
RT: 19.49 min Scan# 2771

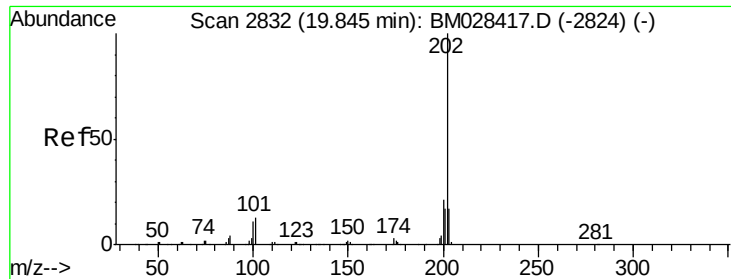
Delta R.T. 0.01 min

Lab File: BM028421.D

Acq: 18 Jan 2021 12:24

Tgt Ion:	202	Resp:	248723
Ion Ratio	Lower	Upper	
202	100		
101	12.1	8.9	13.3
100	10.1	7.0	10.6





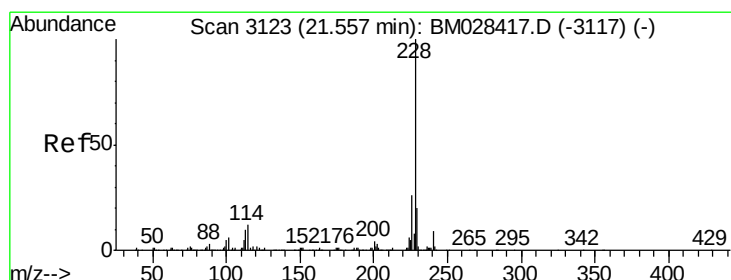
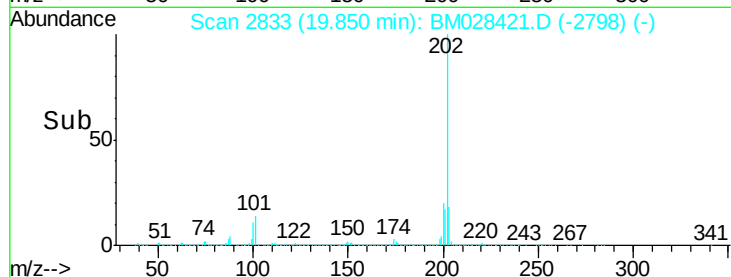
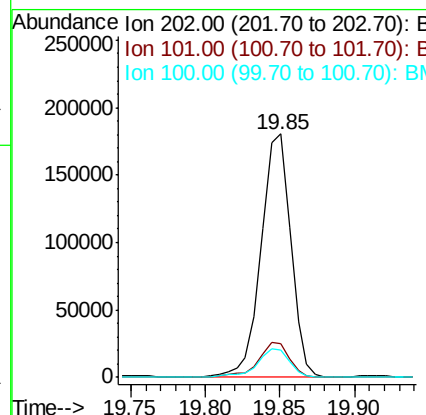
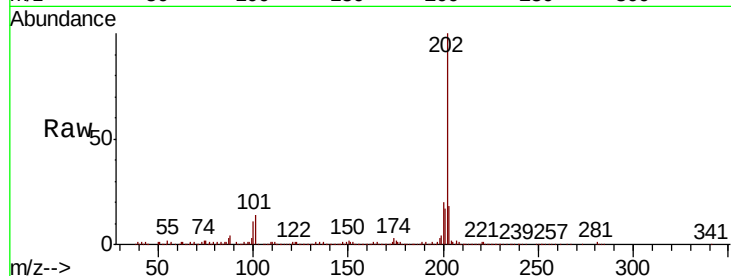
#80
Pvrene
Concen: 28.260 ng/ul
RT: 19.85 min Scan# 2833
Delta R.T. 0.01 min
Lab File: BM028421.D
Acq: 18 Jan 2021 12:24

Instrument :
BNA_M
ClientSampleId :
BFN62

Tot Ion:	202	Resp:	246631
Ion Ratio	Lower	Upper	
202	100		
101	13.6	10.6	15.8
100	11.3	8.9	13.3

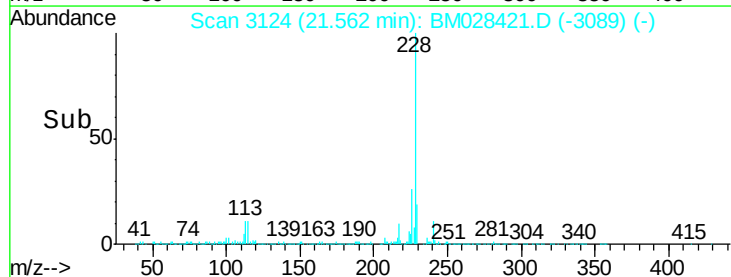
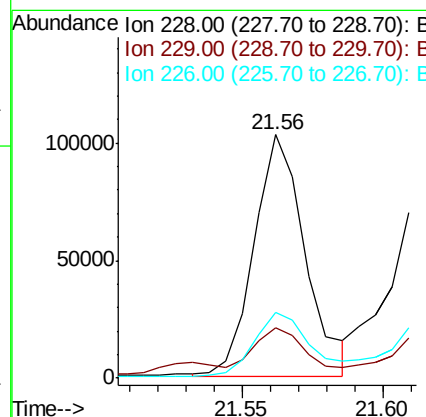
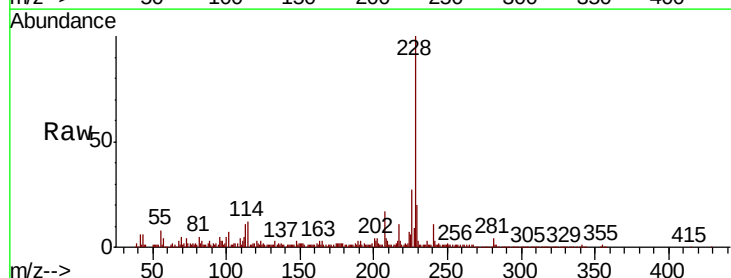
Manual Integrations
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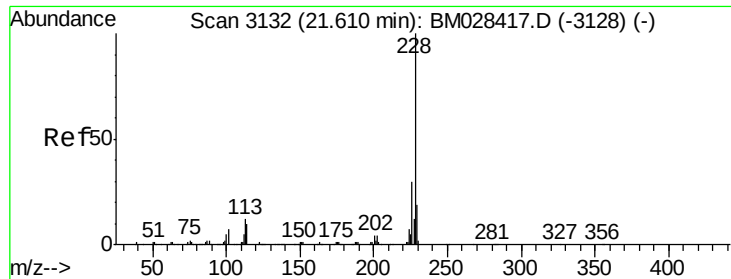
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#83
Benzo(a)anthracene
Concen: 16.569 ng/ul
RT: 21.56 min Scan# 3124
Delta R.T. 0.01 min
Lab File: BM028421.D
Acq: 18 Jan 2021 12:24

Tgt Ion:	228	Resp:	129902
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.4	23.2
226	26.9	20.6	30.8





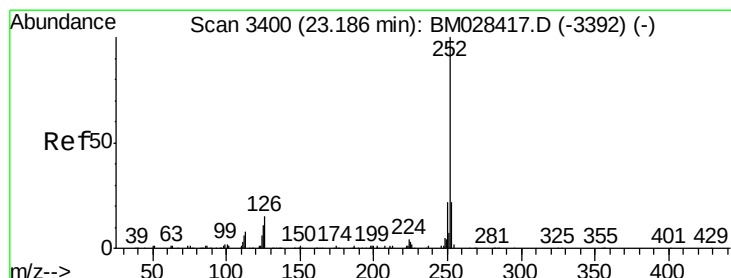
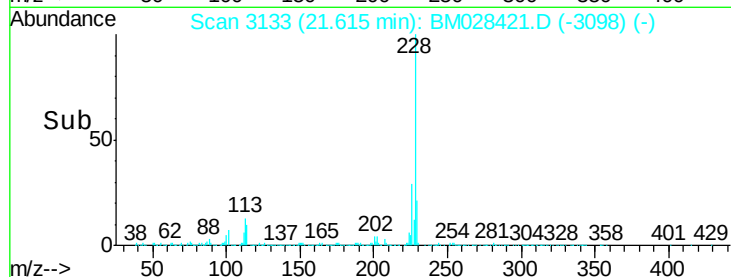
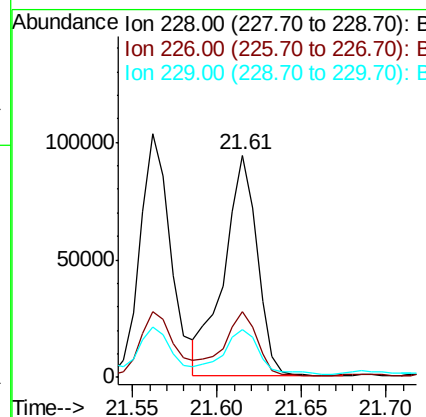
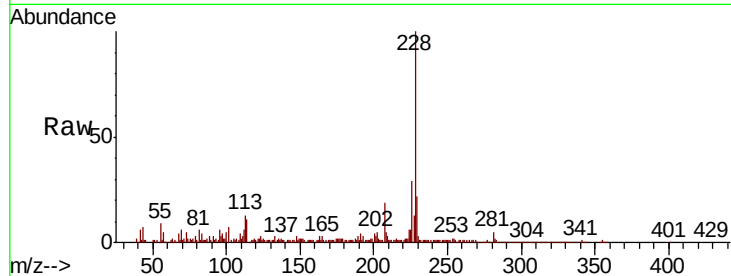
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Chrysene
Concen: 16.866 ng/ul
RT: 21.61 min Scan# 3133
Delta R.T. 0.01 min
Lab File: BM028421.D
Acq: 18 Jan 2021 12:24

Instrument :
BNA_M
ClientSampleId :
BFN62

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.8	34.2
229	21.7	15.7	23.5

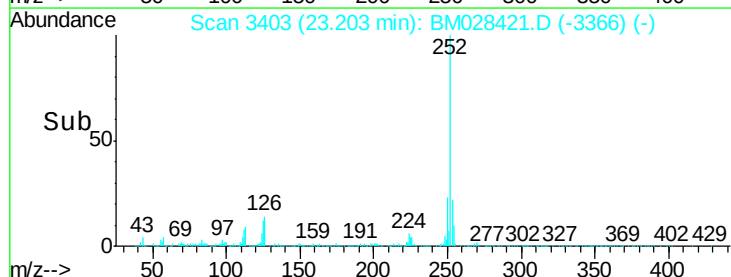
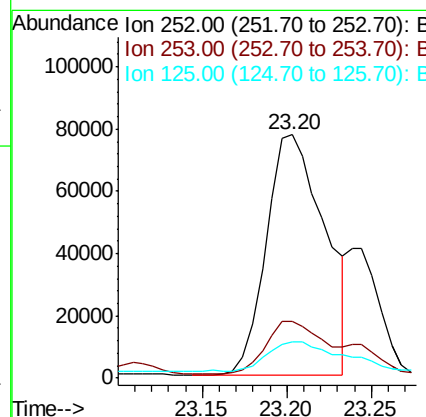
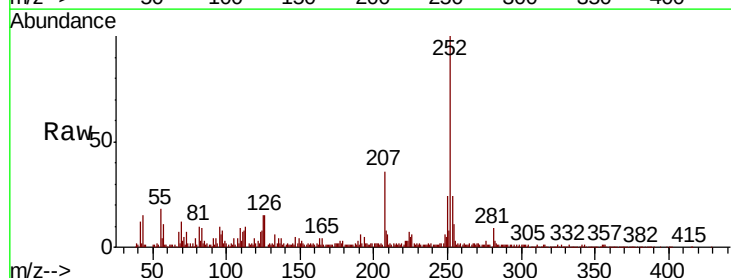
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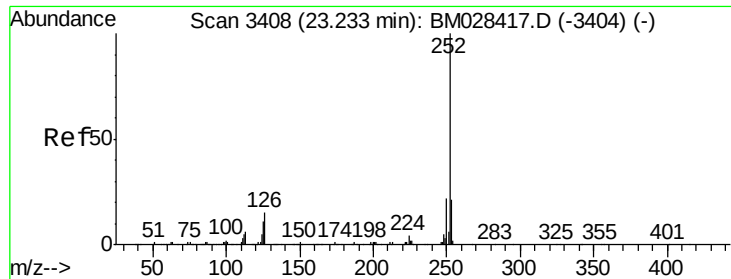
mohammad
1/18/2021 3:35:14 PM



#88
Benzo(b)fluoranthene
Concen: 23.791 ng/ul
RT: 23.20 min Scan# 3403
Delta R.T. 0.02 min
Lab File: BM028421.D
Acq: 18 Jan 2021 12:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	15.0	8.6	12.8





#89

Benzo(k)fluoranthene

Concen: 7.367 ng/ul m

RT: 23.24 min Scan# 3409

Delta R.T. 0.01 min

Lab File: BM028421.D

Acq: 18 Jan 2021 12:24

Instrument :

BNA_M

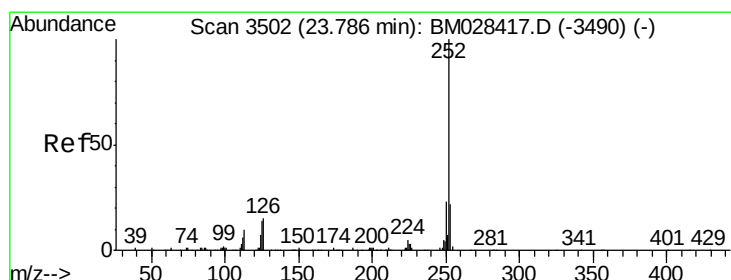
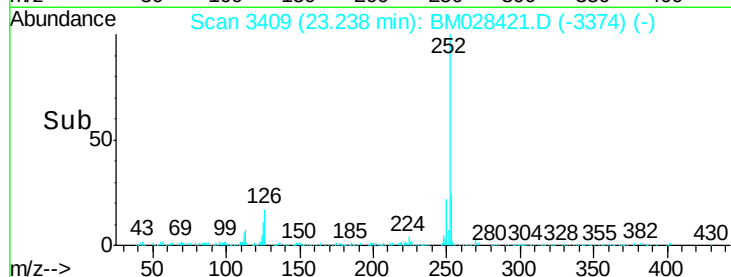
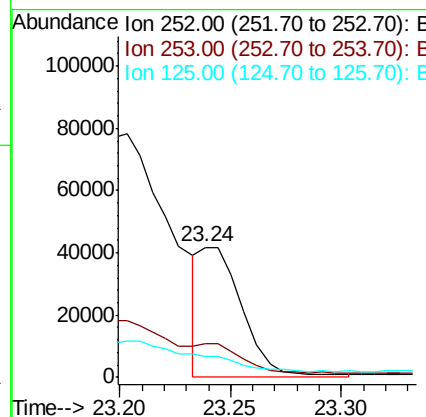
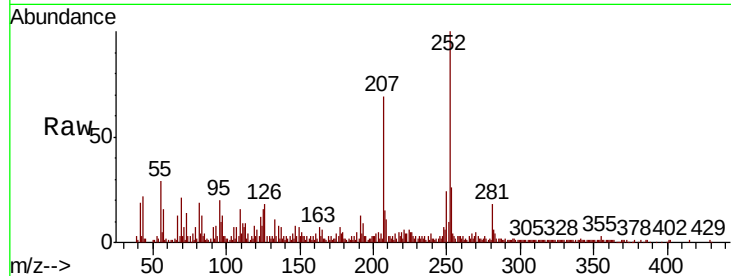
ClientSampleId :

BFN62

Tot Ion:	252	Resp:	56477
Ion Ratio	Lower	Upper	
252	100		
253	25.7	17.6	26.4
125	16.3	9.7	14.5#

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#91

Benzo(a)pyrene

Concen: 18.097 ng/ul

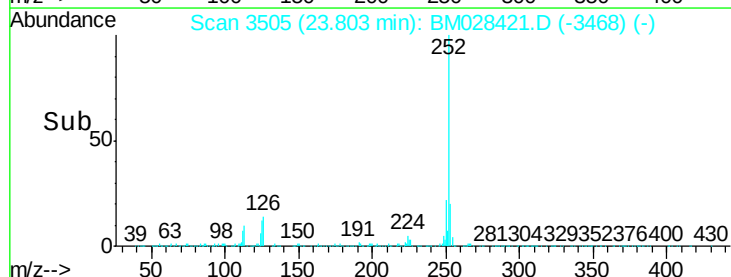
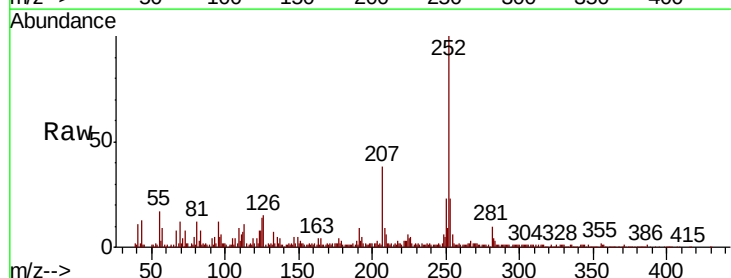
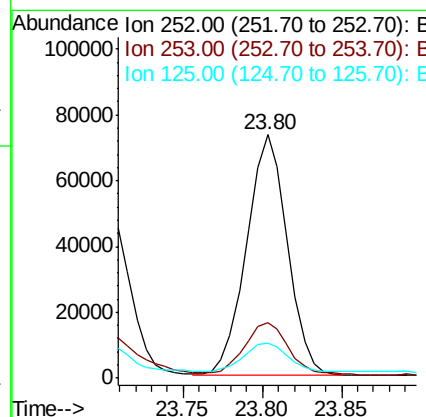
RT: 23.80 min Scan# 3505

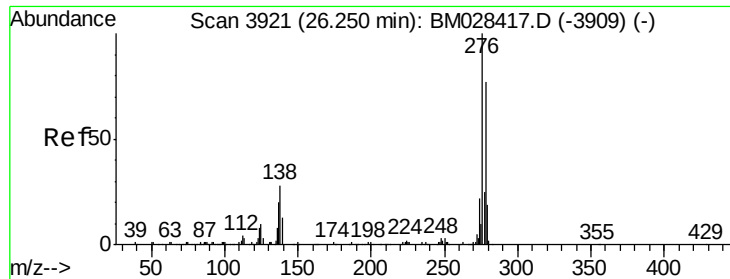
Delta R.T. 0.02 min

Lab File: BM028421.D

Acq: 18 Jan 2021 12:24

Tgt Ion:	252	Resp:	130839
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.2	25.8
125	14.4	10.0	15.0





#92

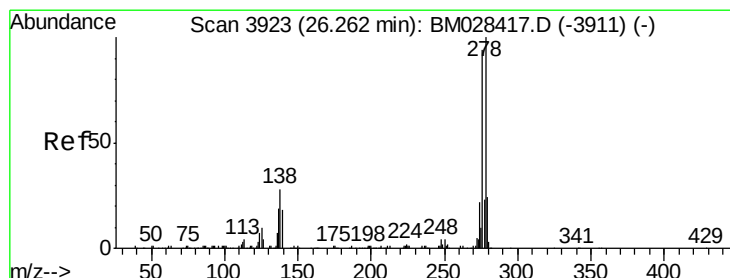
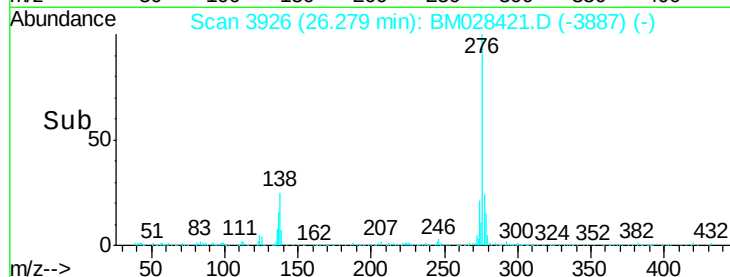
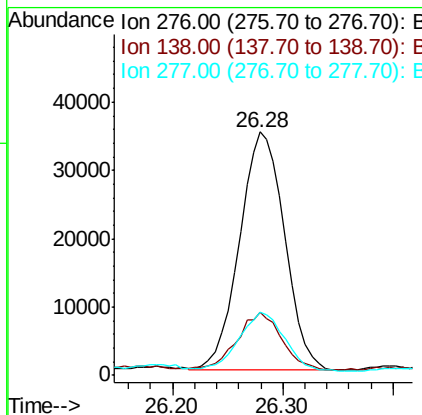
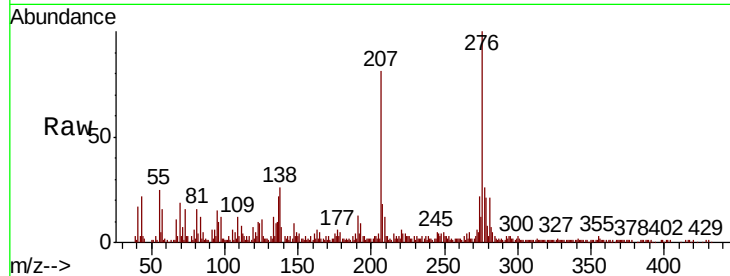
Indeno(1,2,3-cd)pyrene
Concen: 11.357 ng/ul
RT: 26.28 min Scan# 3926
Delta R.T. 0.03 min
Lab File: BM028421.D
Acq: 18 Jan 2021 12:24

Instrument :
BNA_M
ClientSampleId :
BFN62

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	22.2	33.4
277	25.8	19.8	29.8

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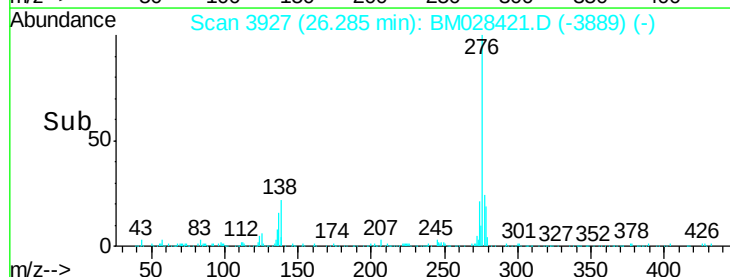
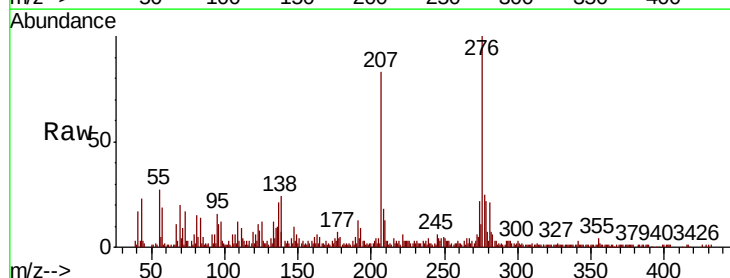
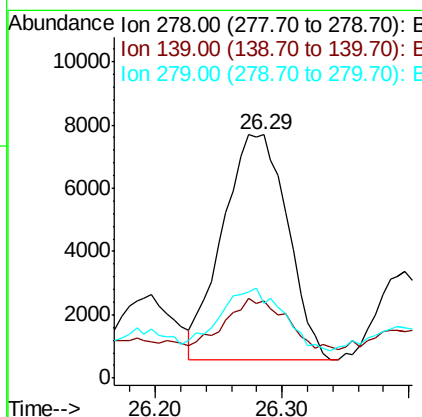
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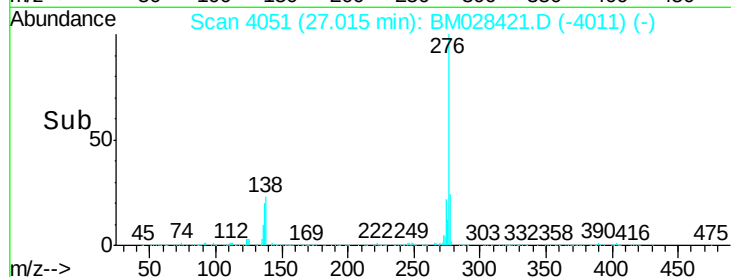
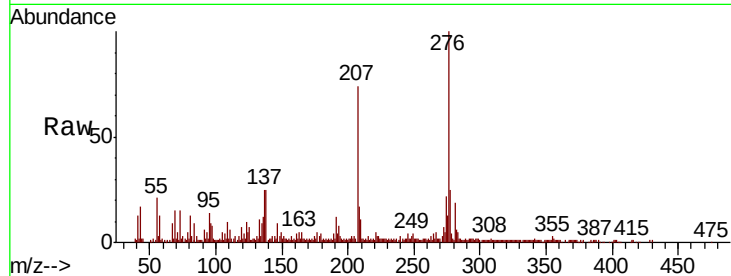
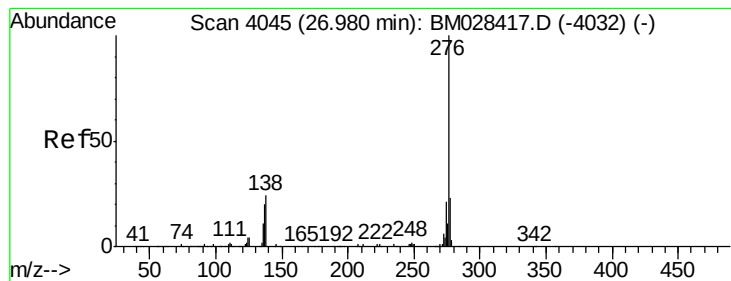


#93

Dibenzo(a,h)anthracene
Concen: 3.407 ng/ul
RT: 26.29 min Scan# 3927
Delta R.T. 0.02 min
Lab File: BM028421.D
Acq: 18 Jan 2021 12:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	31.7	14.5	21.7#
279	30.4	19.3	28.9#





#94

Benzo(a,h,i)perylene

Concen: 15.942 ng/ul

RT: 27.01 min Scan# 4051

Delta R.T. 0.03 min

Lab File: BM028421.D

Acq: 18 Jan 2021 12:24

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	18.5	27.7
277	25.5	18.6	27.8

Instrument :

BNA_M

ClientSampleId :

BFN62

Manual Integrations
APPROVED

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