

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022621\
 Data File : BM028905.D
 Acq On : 25 Feb 2021 20:16
 Operator : CG/JU
 Sample : M1482-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBGJ5

Manual Integrations
 APPROVED

mohammad
 2/26/2021 10:43:08 AM

Quant Time: Feb 25 23:37:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022121MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 25 23:08:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	13662	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	57249	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	35296	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	71223	20.00	ng/ul	0.00
78) Chrysene-d12	21.36	240	57417	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	50201	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	1421	4.95	ng/uL	0.00
5) Phenol-d5	6.99	99	8722	8.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	23087	39.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	29203	32.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	17541	20.09	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	16816	41.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	19480	42.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	31518	36.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	2014	1.94	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	111325	43.75	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	136925	42.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.70	143	3063m	6.95	ng/ul	0.00
58) Fluorene-d10	15.46	176	96119	44.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	16864	38.71	ng/ul	0.00
71) Anthracene-d10	17.30	188	153495	47.32	ng/ul	0.00
79) Pyrene-d10	19.59	212	151735	53.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	124830	48.25	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.65	128	10011	3.427	ng/ul	96
50) Acenaphthene	14.52	153	9900	4.406	ng/ul	99
54) Dibenzofuran	14.86	168	7695	2.471	ng/ul	100
59) Fluorene	15.51	166	7454	2.865	ng/ul#	96
70) Phenanthrene	17.24	178	192691	48.888	ng/ul	99
72) Anthracene	17.34	178	6702	1.645	ng/ul	98
75) Carbazole	17.62	167	12961	3.602	ng/ul	99
77) Fluoranthene	19.26	202	7069	1.598	ng/ul	98

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

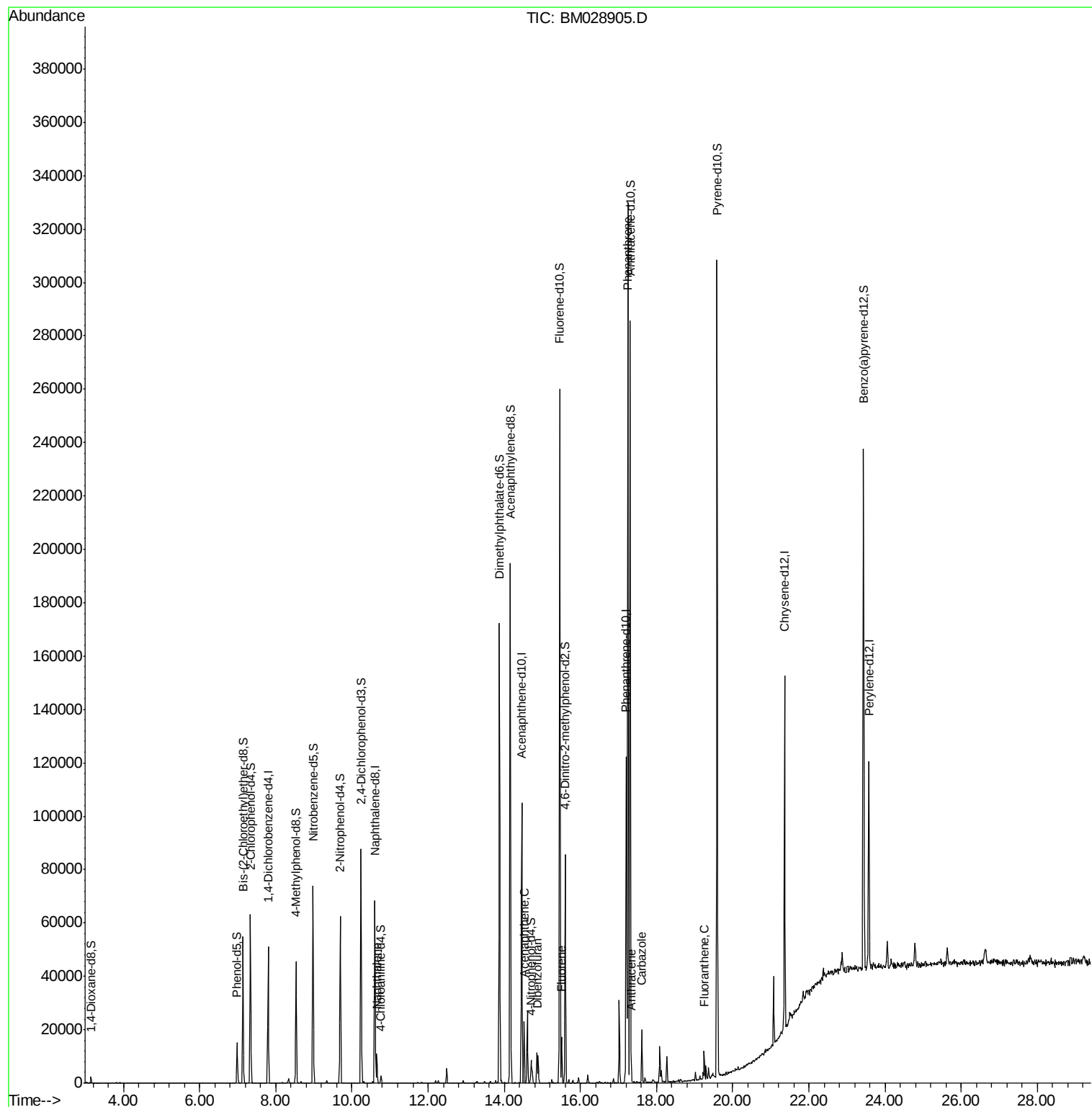
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022621\
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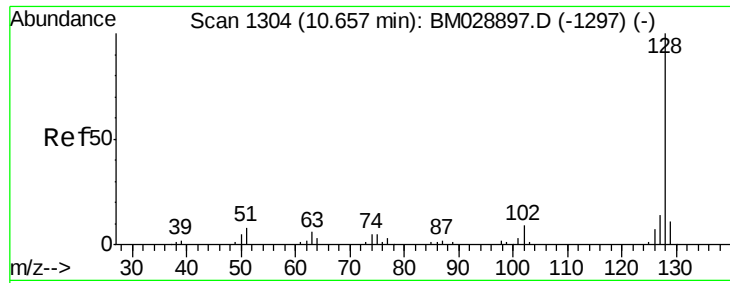
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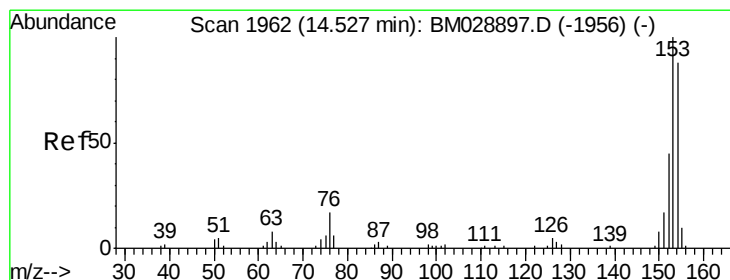
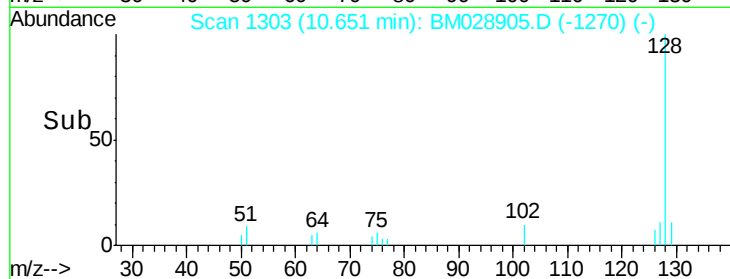
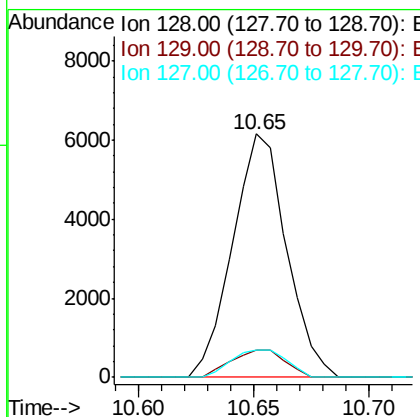
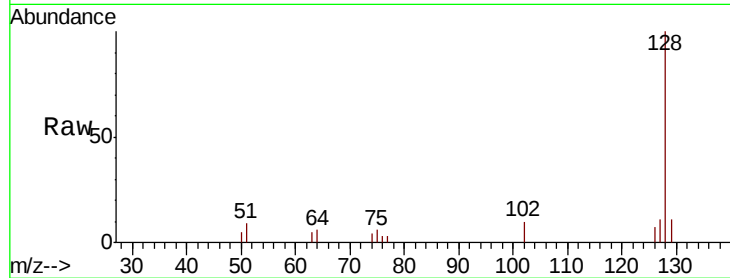
#28
Naphthalene
Concen: 3.427 ng/ul
RT: 10.65 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BM028905.D
Acq: 25 Feb 2021 20:16

Instrument :
BNA_M
ClientSampleId :
DBGJ5

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	11.1	11.0	16.4

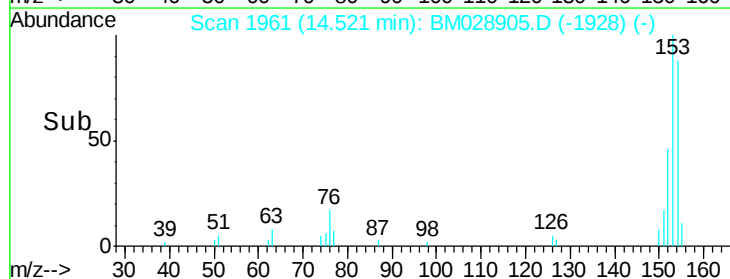
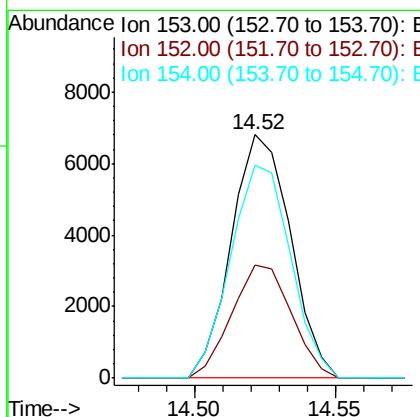
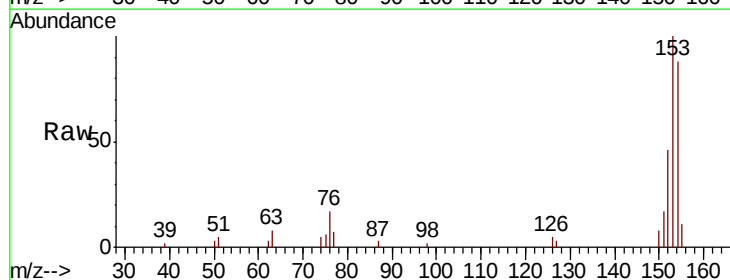
Manual Integrations
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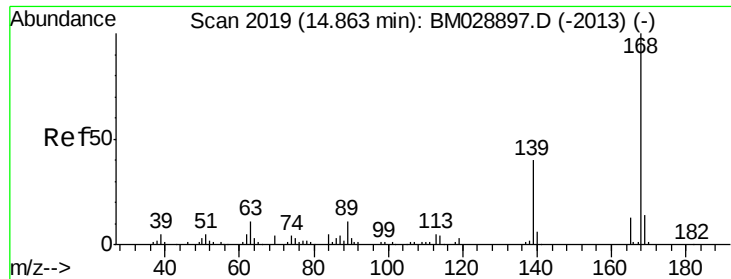
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#50
Acenaphthene
Concen: 4.406 ng/ul
RT: 14.52 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BM028905.D
Acq: 25 Feb 2021 20:16

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.4	36.0	54.0
154	87.6	70.4	105.6





#54

Dibenzenofuran

Concen: 2.471 ng/ul

RT: 14.86 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BM028905.D

Acq: 25 Feb 2021 20:16

Instrument :

BNA_M

ClientSampleId :

DBGJ5

Tot Ion:168 Resp: 7695

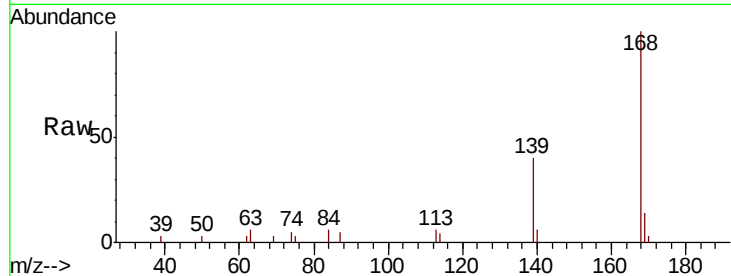
Ion Ratio Lower Upper

168 100

139 40.1 31.9 47.9

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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.86

6000

5000

4000

3000

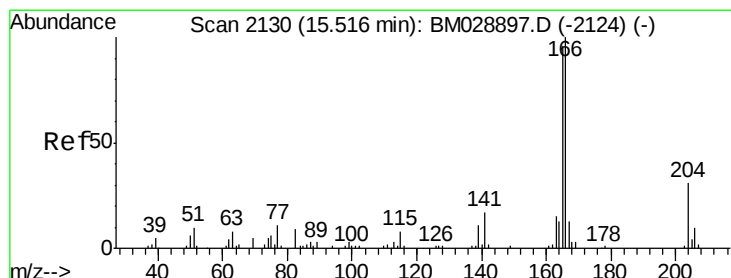
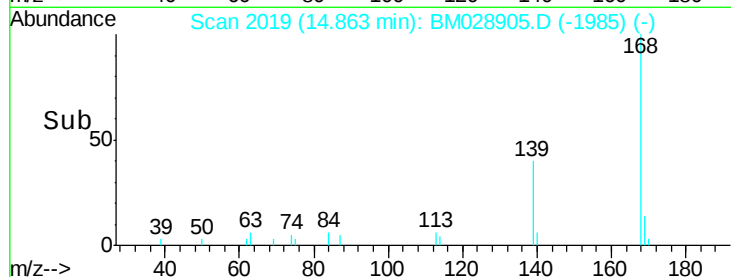
2000

1000

0

14.85 14.90

Time-->



#59

Fluorene

Concen: 2.865 ng/ul

RT: 15.51 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BM028905.D

Acq: 25 Feb 2021 20:16

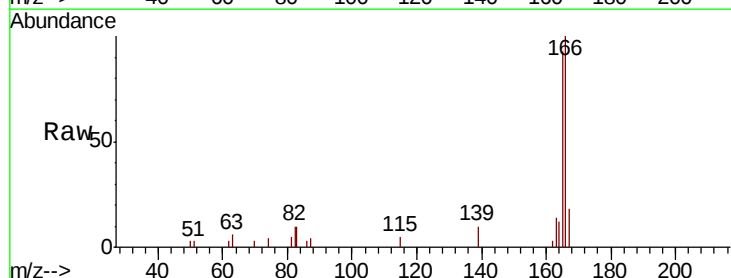
Tgt Ion:166 Resp: 7454

Ion Ratio Lower Upper

166 100

165 92.5 76.5 114.7

167 17.7 10.3 15.5#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.51

6000

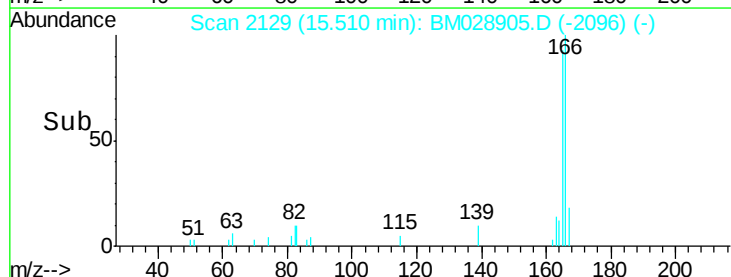
4000

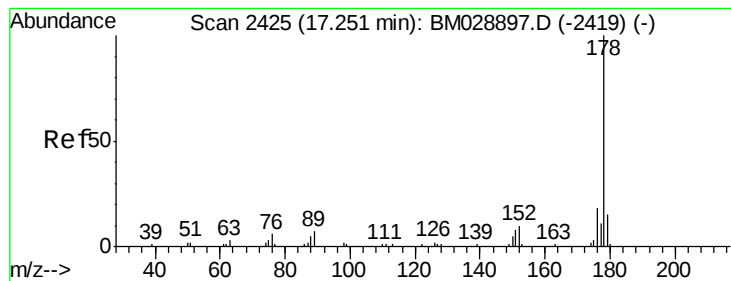
2000

0

15.50 15.55

Time-->





#70

Phenanthrene

Concen: 48.888 ng/ul

RT: 17.24 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BM028905.D

Acq: 25 Feb 2021 20:16

Instrument :

BNA_M

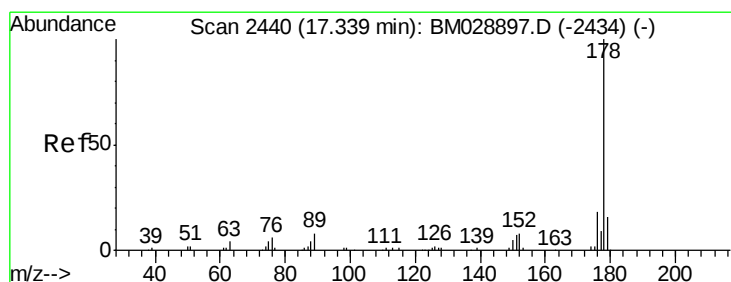
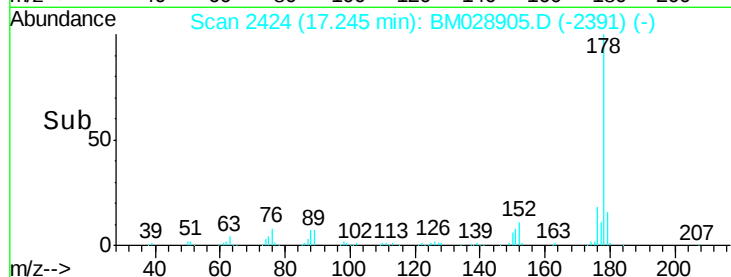
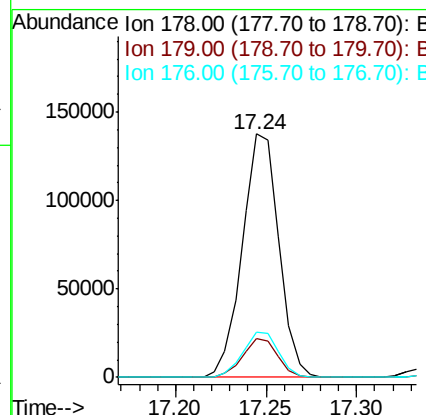
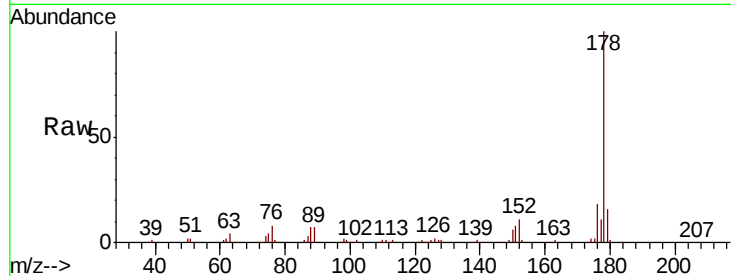
ClientSampleId :

DBGJ5

Tot Ion:	178	Resp:	192691
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.2	18.2
176	18.5	14.4	21.6

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#72

Anthracene

Concen: 1.645 ng/ul

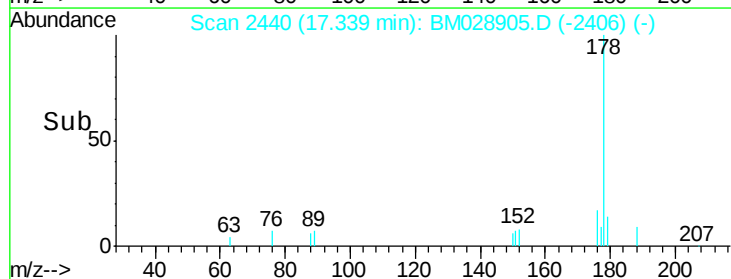
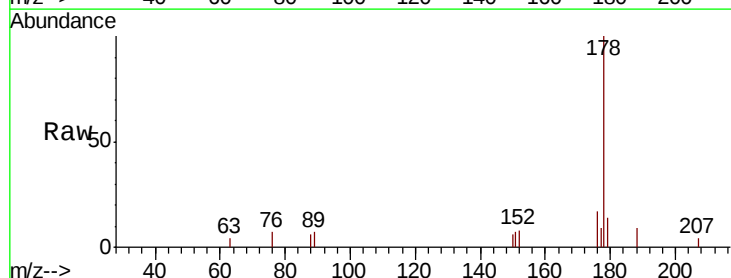
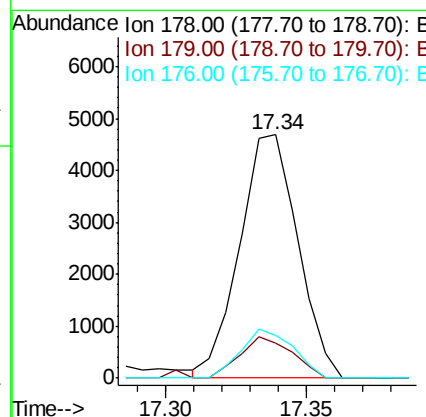
RT: 17.34 min Scan# 2440

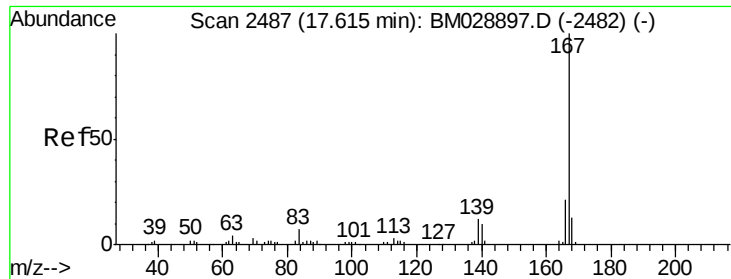
Delta R.T. -0.00 min

Lab File: BM028905.D

Acq: 25 Feb 2021 20:16

Tgt Ion:	178	Resp:	6702
Ion Ratio	Lower	Upper	
178	100		
179	14.5	12.4	18.6
176	17.3	14.4	21.6





#75

Carbazole

Concen: 3.602 ng/ul

RT: 17.62 min Scan# 2487

Delta R.T. -0.00 min

Lab File: BM028905.D

Acq: 25 Feb 2021 20:16

Instrument :

BNA_M

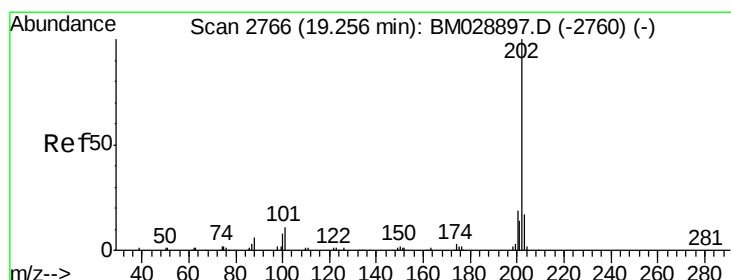
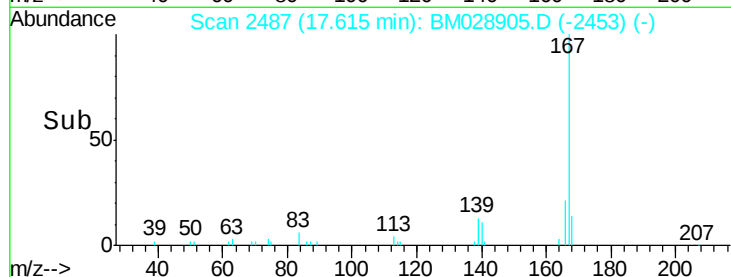
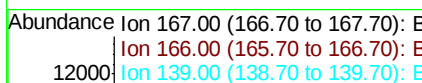
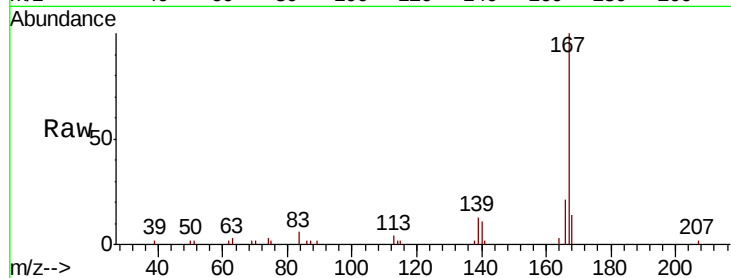
ClientSampleId :

DBGJ5

Tot Ion:	167	Resp:	12961
Ion Ratio	Lower	Upper	
167	100		
166	21.3	16.7	25.1
139	13.0	9.8	14.8

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#77

Fluoranthene

Concen: 1.598 ng/ul

RT: 19.26 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BM028905.D

Acq: 25 Feb 2021 20:16

Tgt Ion:	202	Resp:	7069
Ion Ratio	Lower	Upper	
202	100		
101	10.9	8.5	12.7
100	6.7	6.6	9.8

