

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071420\
 Data File : BM026759.D
 Acq On : 14 Jul 2020 19:37
 Operator : JU/CG
 Sample : PB130165BL
 Misc : PBBL-SOIL-ME-01
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SBLK65

Manual Integrations
 APPROVED

mohammad
 7/15/2020 10:58:41 AM

Quant Time: Jul 15 00:47:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 14 10:31:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	69686	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	269163	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	161197	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	334442	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	320996	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	378103	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.90	96	14405	6.21	ng/uL	0.00
5) Phenol-d5	6.52	99	187735	29.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	137092	31.76	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	148510	30.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	147265	28.85	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	69248	32.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	75909	33.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	134040	30.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	186621	39.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	433562	33.72	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	498053	32.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.24	143	52585m	28.34	ng/ul	0.00
58) Fluorene-d10	14.98	176	367848	32.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	53938	25.81	ng/ul	0.00
71) Anthracene-d10	16.83	188	465536	28.27	ng/ul	0.00
79) Pyrene-d10	19.14	212	621904	37.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	699211	34.27	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	2.93	88	79	0.031	ng/uL# 25
4) Benzaldehyde	6.52	77	289	0.085	ng/ul# 8
15) N-Nitroso-di-n-propylamine	8.04	70	4896	0.958	ng/ul# 1
20) Nitrobenzene	8.45	77	845	0.126	ng/ul# 34
21) Isophorone	9.17	82	9334	0.827	ng/ul# 75
45) Dimethylphthalate	13.41	163	151	0.011	ng/ul# 1
59) Fluorene	14.97	166	958	0.070	ng/ul# 10
61) 4-Nitroaniline	15.13	138	129	0.053	ng/ul# 1
65) N-Nitrosodiphenylamine	15.14	169	433	0.039	ng/ul# 25
70) Phenanthrene	16.74	178	111	0.005	ng/ul# 61
72) Anthracene	16.74	178	111	0.005	ng/ul# 61
76) Di-n-butylphthalate	17.74	149	344	0.017	ng/ul# 78
80) Pyrene	19.14	202	769	0.034	ng/ul# 1
81) Butylbenzylphthalate	20.11	149	122	0.015	ng/ul# 30
82) 3,3'-Dichlorobenzidine	20.91	252	62	0.010	ng/ul# 26
83) Benzo(a)anthracene	20.95	228	937	0.042	ng/ul# 52
84) Bis(2-ethylhexyl)phthalate	20.90	149	180	0.015	ng/ul# 53
85) Chrysene	20.98	228	66	0.003	ng/ul# 50
87) Di-n-octyl phthalate	21.74	149	195	0.008	ng/ul 100
88) Benzo(b)fluoranthene	22.42	252	358	0.014	ng/ul# 1
89) Benzo(k)fluoranthene	22.45	252	345	0.014	ng/ul# 1
91) Benzo(a)pyrene	22.92	252	316	0.014	ng/ul# 1

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 14 10:31:32 2020
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

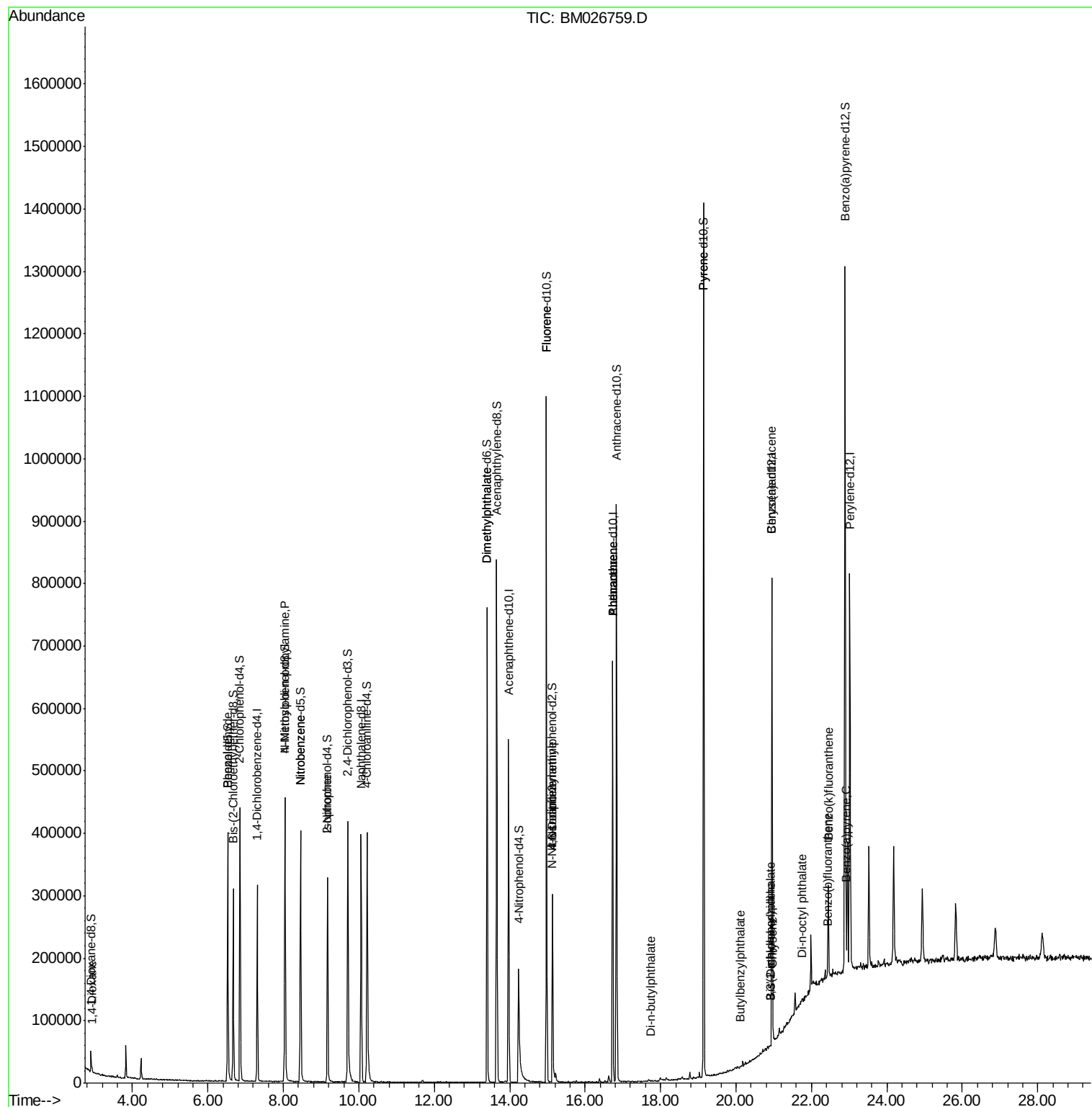
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071420\
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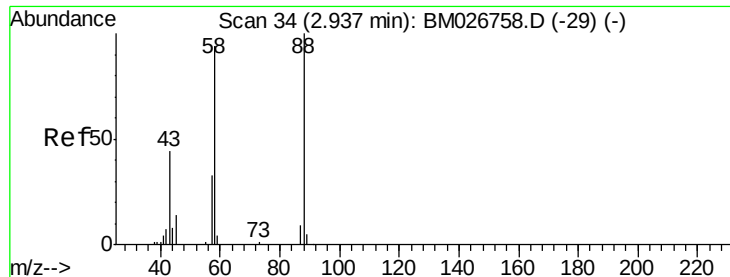
Instrument :
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#2

1,4-Dioxane

Concen: 0.031 ng/uL

RT: 2.93 min Scan# 33

Delta R.T. -0.00 min

Lab File: BM026759.D

Acq: 14 Jul 2020 19:37

Instrument :

BNA_M

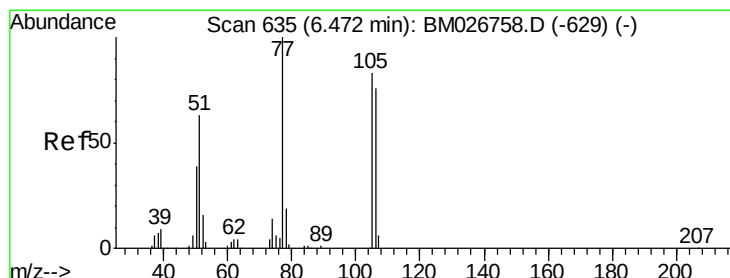
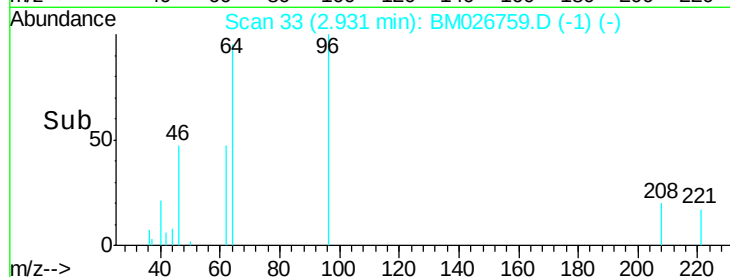
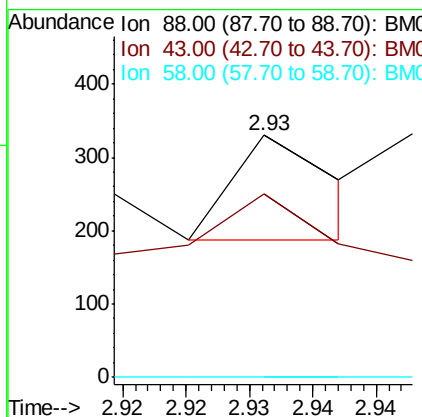
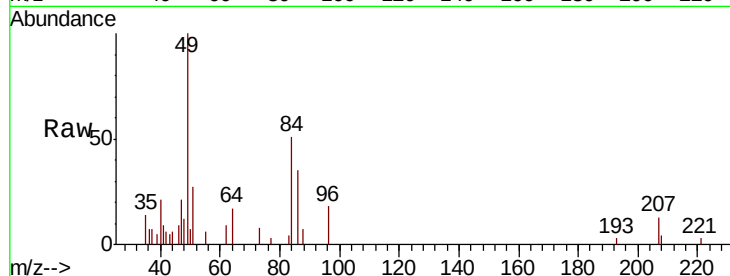
ClientSampled :

SBLK65

Tot Ion:	88	Resp:	79
Ion	Ratio	Lower	Upper
88	100		
43	76.1	38.2	57.2#
58	0.0	68.9	103.3#

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#4

Benzaldehyde

Concen: 0.085 ng/uL

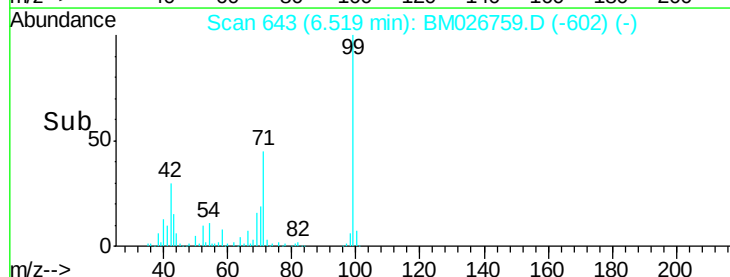
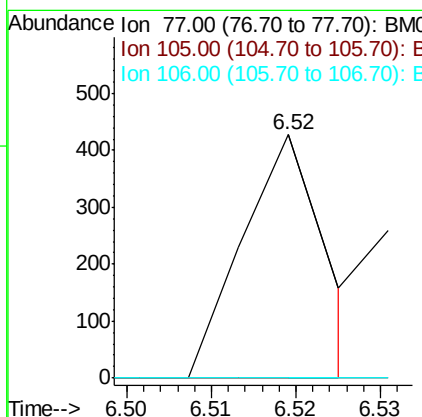
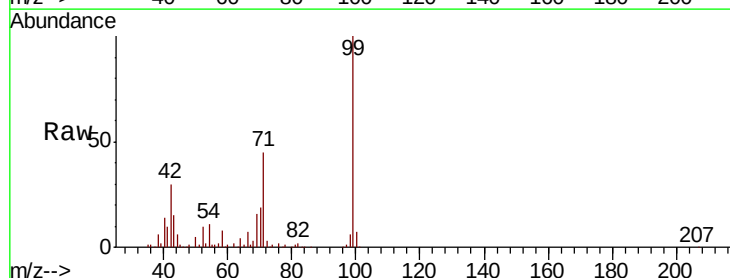
RT: 6.52 min Scan# 643

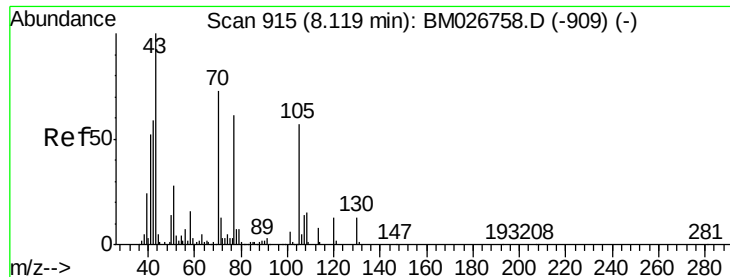
Delta R.T. 0.04 min

Lab File: BM026759.D

Acq: 14 Jul 2020 19:37

Tgt Ion:	77	Resp:	289
Ion	Ratio	Lower	Upper
77	100		
105	0.0	67.5	101.3#
106	0.0	66.2	99.4#





#15

N-Nitroso-di-n-propylamine

Concen: 0.958 ng/ul

RT: 8.04 min Scan# 901

Delta R.T. -0.09 min

Lab File: BM026759.D

Acq: 14 Jul 2020 19:37

Instrument :

BNA_M

ClientSampled :

SBLK65

Tot Ion: 70 Resp: 4896

Ion Ratio Lower Upper

70 100

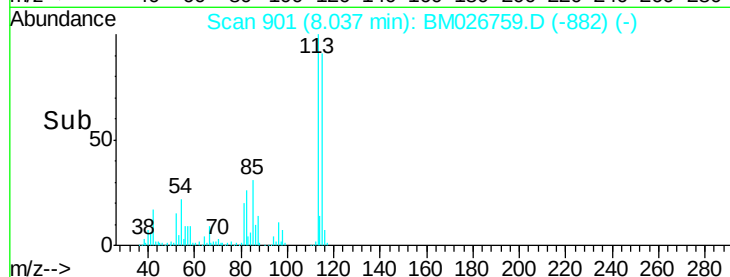
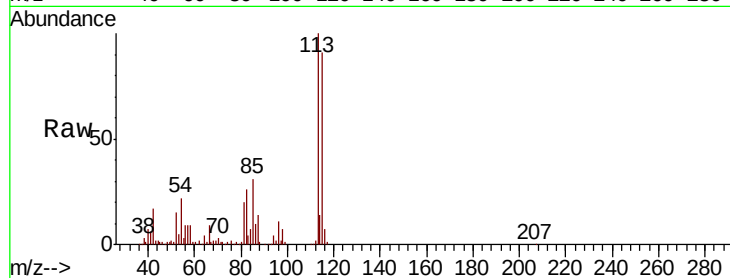
42 487.5 58.5 87.7#

101 0.0 7.0 10.4#

130 0.0 13.2 19.8#

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Abundance Ion 70.00 (69.70 to 70.70): BM026759.D (-882) (-)

Ion 42.00 (41.70 to 42.70): BM026759.D (-882) (-)

Ion 101.00 (100.70 to 101.70): BM026759.D (-882) (-)

Ion 130.00 (129.70 to 130.70): BM026759.D (-882) (-)

Time-->

8.00 8.05 8.10

20000

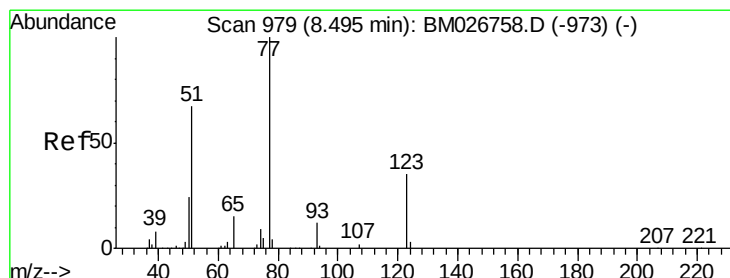
15000

10000

5000

0

8.04



#20

Nitrobenzene

Concen: 0.126 ng/ul

RT: 8.45 min Scan# 972

Delta R.T. -0.04 min

Lab File: BM026759.D

Acq: 14 Jul 2020 19:37

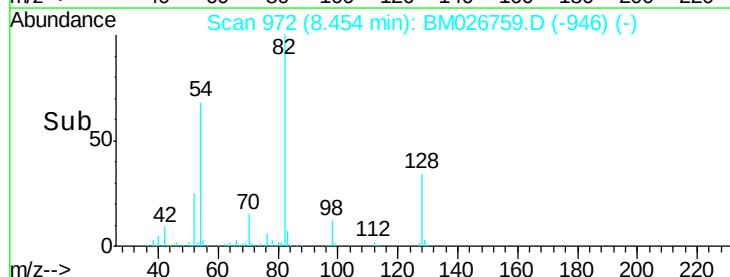
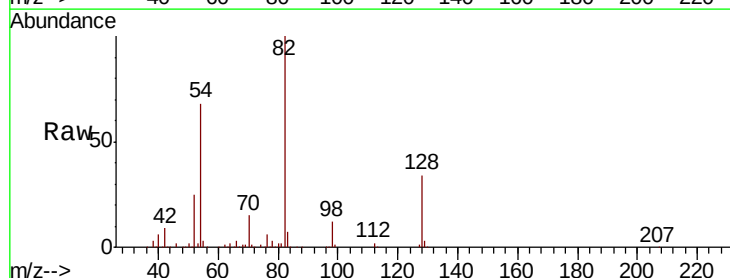
Tgt Ion: 77 Resp: 845

Ion Ratio Lower Upper

77 100

123 0.0 29.8 44.8#

65 45.9 11.8 17.6#



Abundance Ion 77.00 (76.70 to 77.70): BM026759.D (-946) (-)

Ion 123.00 (122.70 to 123.70): BM026759.D (-946) (-)

Ion 65.00 (64.70 to 65.70): BM026759.D (-946) (-)

Time-->

8.42 8.44 8.46 8.48 8.50

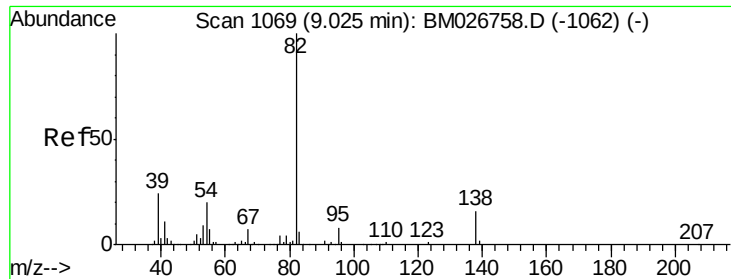
600

400

200

0

8.45



#21

Isophorone

Concen: 0.827 ng/ul

RT: 9.17 min Scan# 1093

Delta R.T. 0.14 min

Lab File: BM026759.D

Acq: 14 Jul 2020 19:37

Instrument :

BNA_M

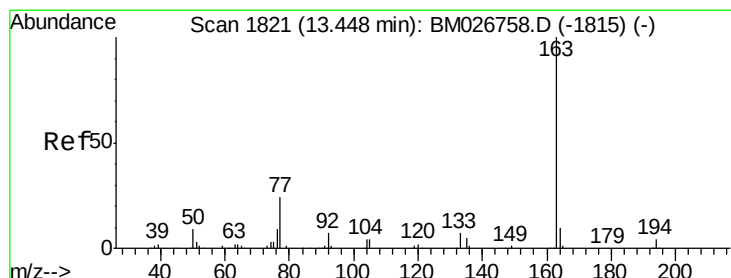
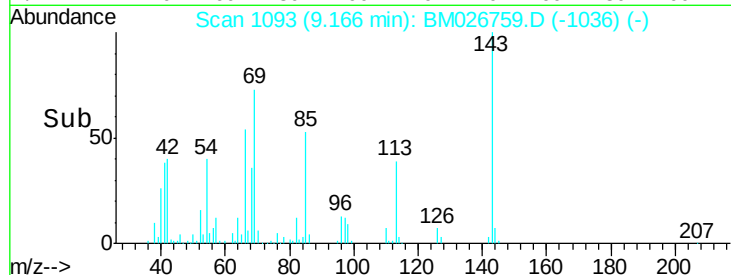
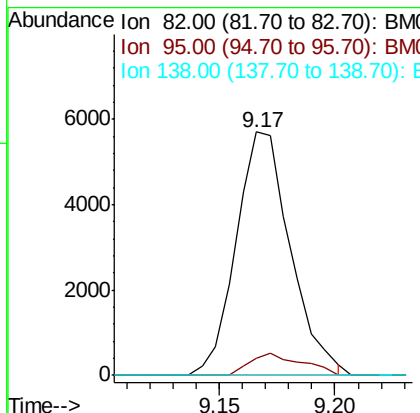
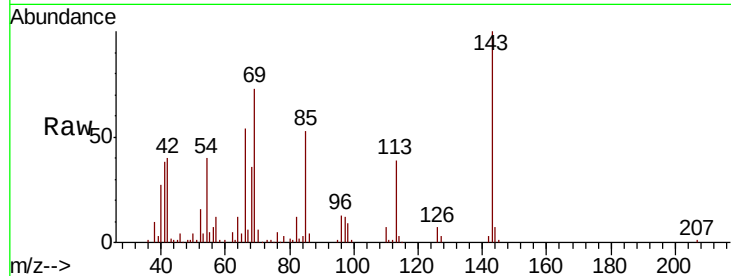
ClientSampleId :

SBLK65

Tot Ion:	82	Resp:	9334
Ion Ratio	Lower	Upper	
82	100		
95	6.8	6.4	9.6
138	0.0	12.2	18.4#

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#45

Dimethylphthalate

Concen: 0.011 ng/ul

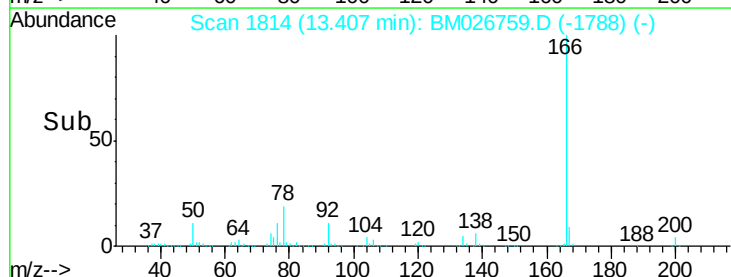
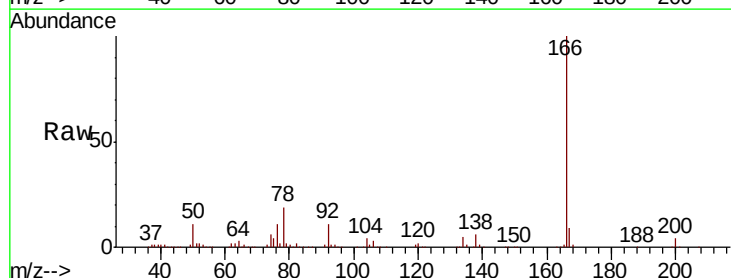
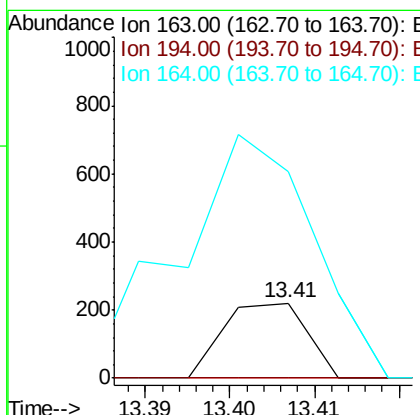
RT: 13.41 min Scan# 1814

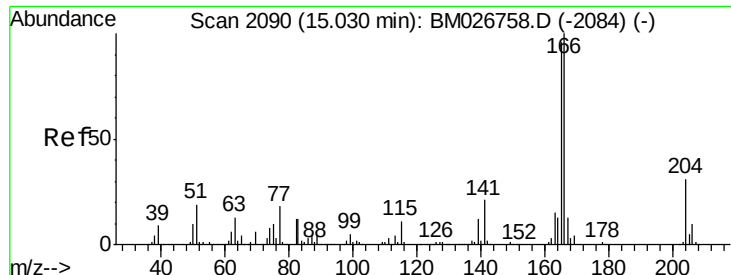
Delta R.T. -0.04 min

Lab File: BM026759.D

Acq: 14 Jul 2020 19:37

Tgt Ion:	163	Resp:	151
Ion Ratio	Lower	Upper	
163	100		
194	0.0	3.5	5.3#
164	275.1	7.8	11.6#





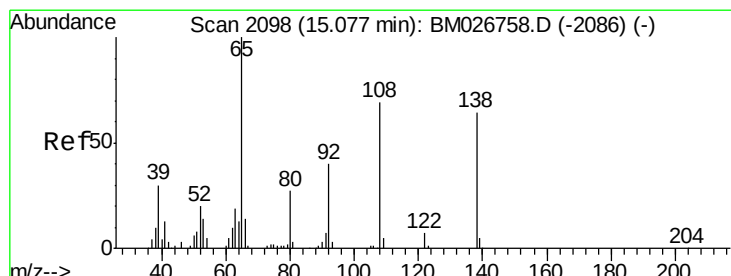
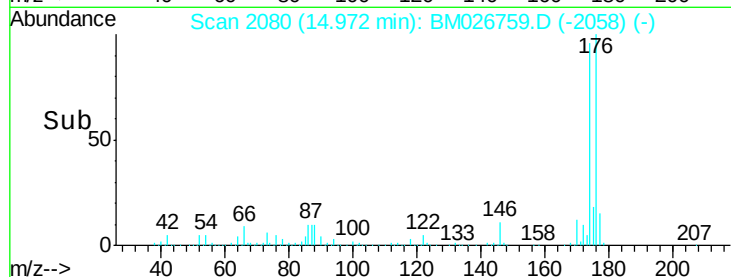
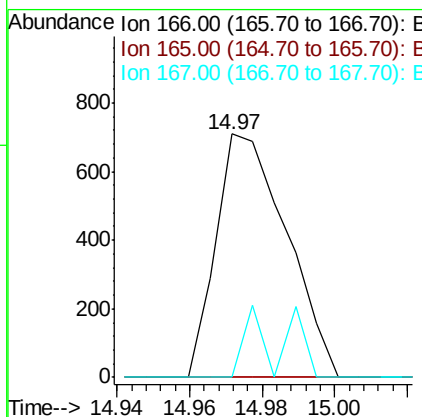
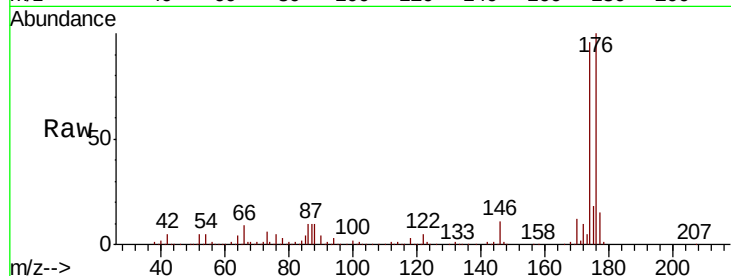
#59
Fluorene
 Concen: 0.070 ng/ul
 RT: 14.97 min Scan# 2080
 Delta R.T. -0.07 min
 Lab File: BM026759.D
 Acq: 14 Jul 2020 19:37

Instrument :
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 ClientSampleId :
 SBLK65

Tot Ion	Ratio	Lower	Upper
166	100		
165	0.0	77.0	115.4#
167	0.0	10.7	16.1#

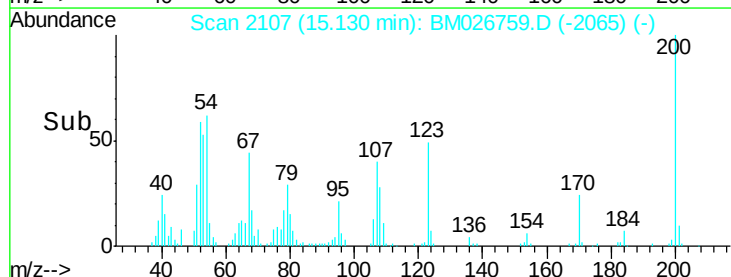
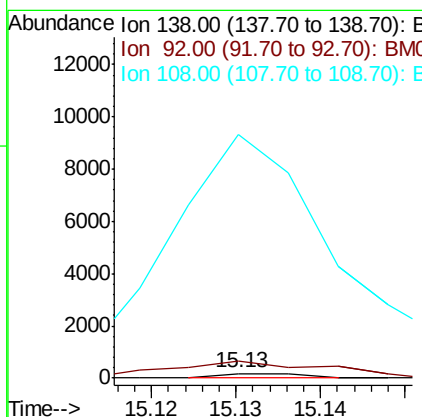
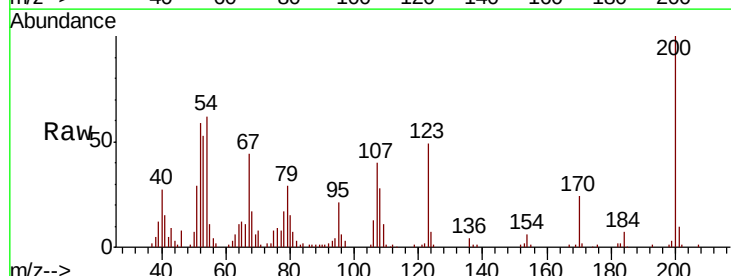
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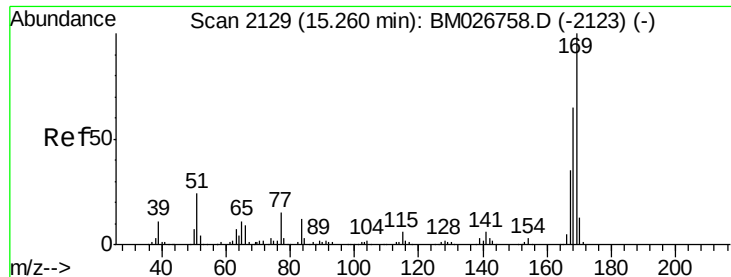
mohammad
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#61
4-Nitroaniline
 Concen: 0.053 ng/ul
 RT: 15.13 min Scan# 2107
 Delta R.T. 0.05 min
 Lab File: BM026759.D
 Acq: 14 Jul 2020 19:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	349.2	47.7	71.5#
108	5039.5	82.6	123.8#





#65

N-Nitrosodiphenylamine

Concen: 0.039 ng/ul

RT: 15.14 min Scan# 2109

Delta R.T. -0.12 min

Lab File: BM026759.D

Acq: 14 Jul 2020 19:37

Instrument :

BNA_M

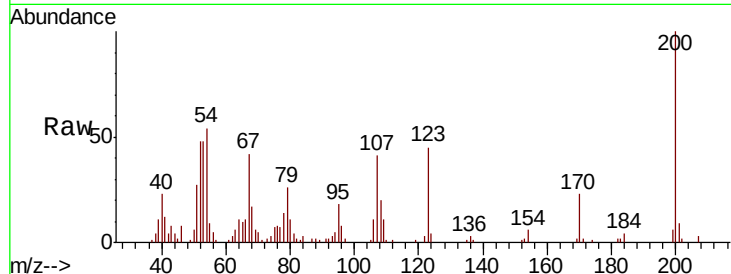
ClientSampled :

SBLK65

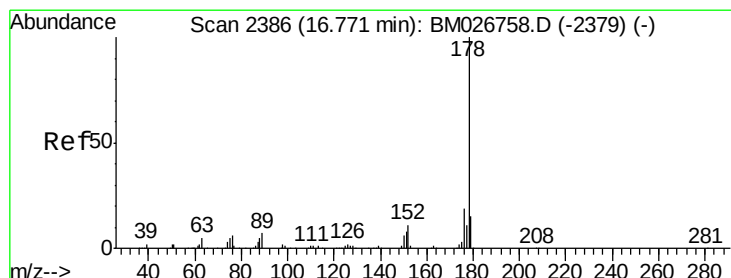
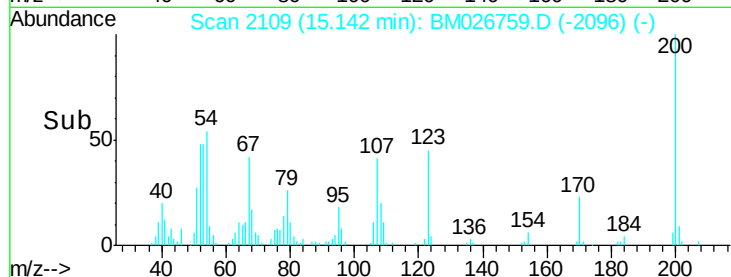
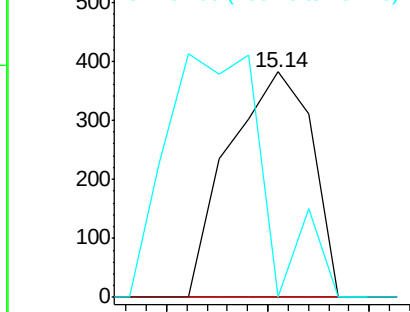
Tot Ion:	169	Resp:	433
Ion Ratio	Lower	Upper	
169	100		
168	0.0	51.7	77.5#
167	0.0	28.4	42.6#

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 0.005 ng/ul

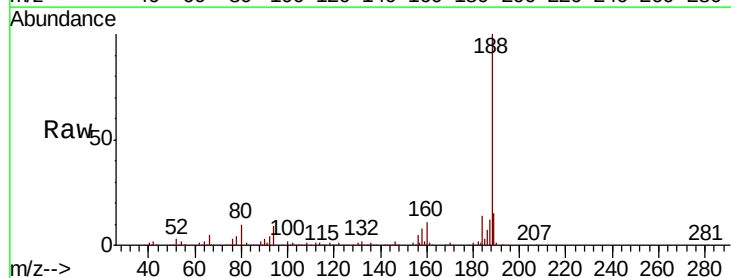
RT: 16.74 min Scan# 2380

Delta R.T. -0.04 min

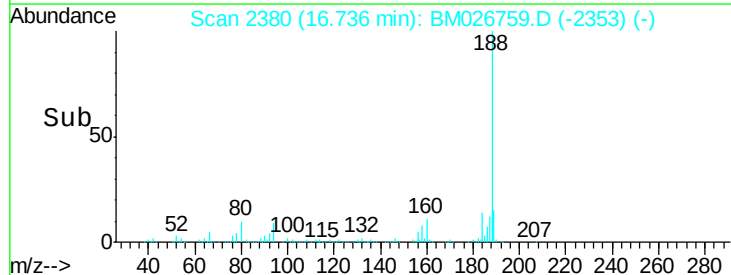
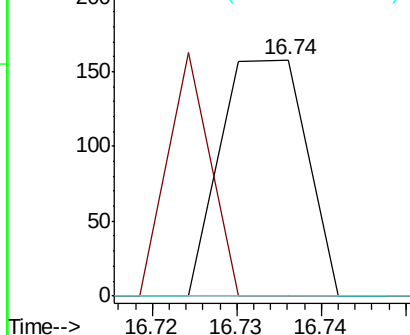
Lab File: BM026759.D

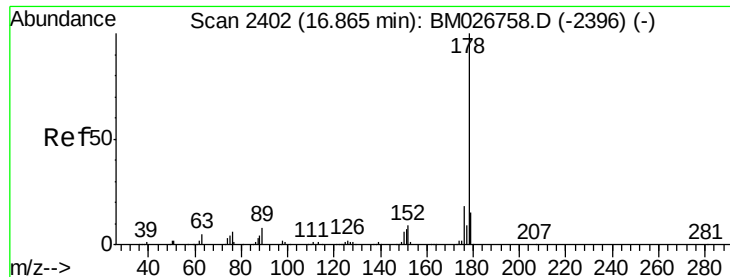
Acq: 14 Jul 2020 19:37

Tgt Ion:	178	Resp:	111
Ion Ratio	Lower	Upper	
178	100		
179	0.0	12.4	18.6#
176	0.0	14.3	21.5#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 0.005 ng/ul

RT: 16.74 min Scan# 2380

Delta R.T. -0.13 min

Lab File: BM026759.D

Acq: 14 Jul 2020 19:37

Instrument :

BNA_M

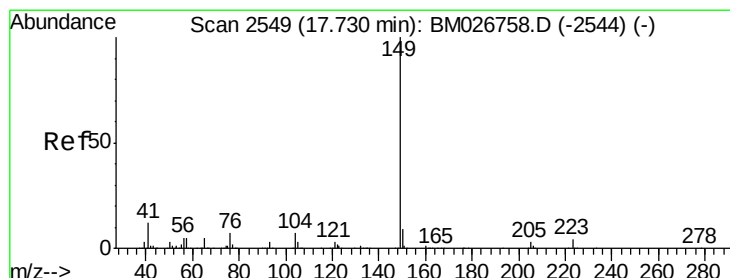
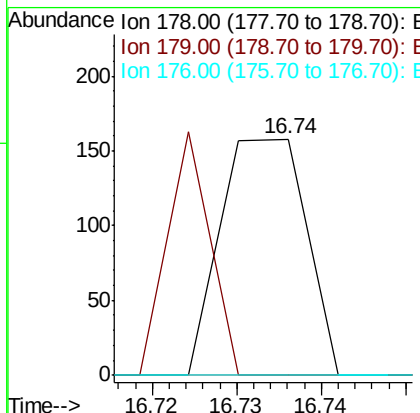
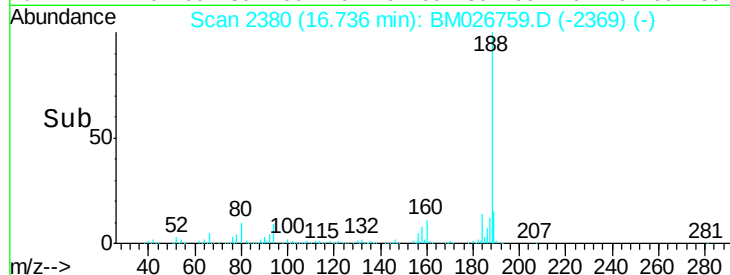
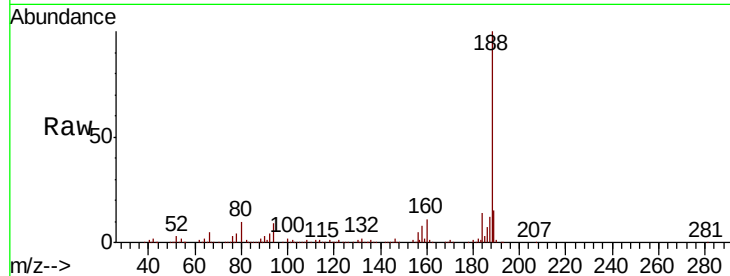
ClientSampleId :

SBLK65

Tot Ion:	178	Resp:	111
Ion Ratio	Lower	Upper	
178	100		
179	0.0	11.8	17.6#
176	0.0	14.7	22.1#

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#76

Di-n-butylphthalate

Concen: 0.017 ng/ul

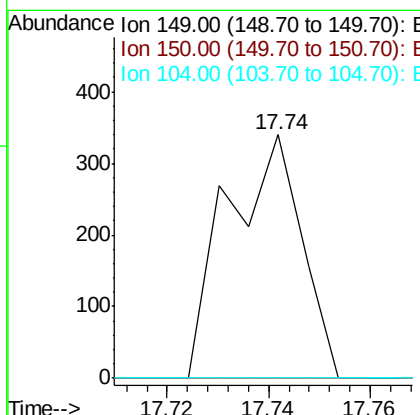
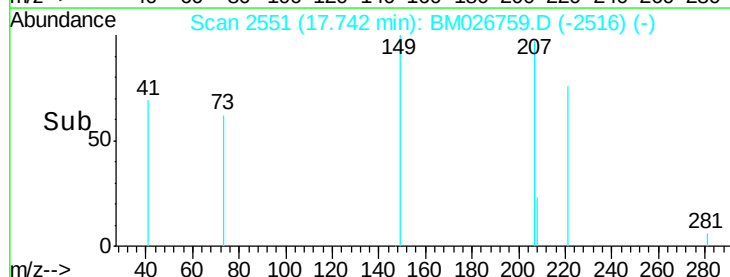
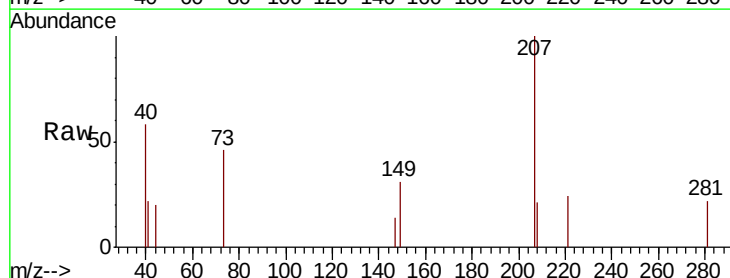
RT: 17.74 min Scan# 2551

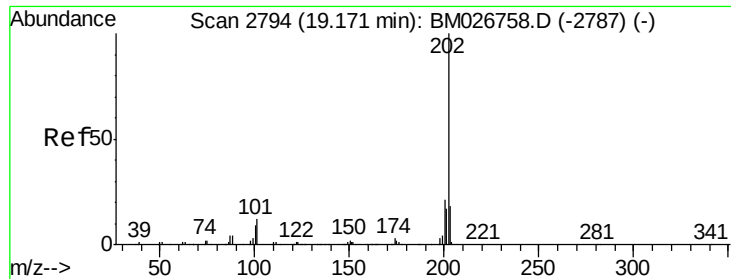
Delta R.T. 0.01 min

Lab File: BM026759.D

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Tgt Ion:	149	Resp:	344
Ion Ratio	Lower	Upper	
149	100		
150	0.0	7.1	10.7#
104	0.0	5.2	7.8#





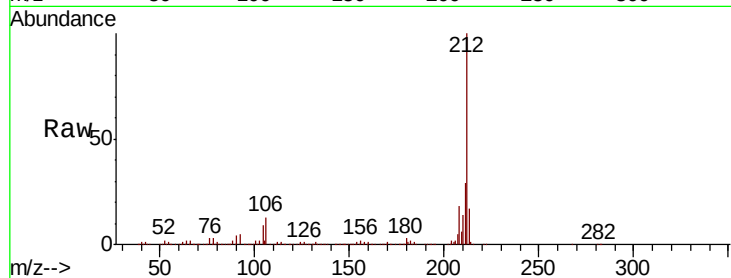
#80
Pvrene
Concen: 0.034 ng/ul
RT: 19.14 min Scan# 2789
Delta R.T. -0.03 min
Lab File: BM026759.D
Acq: 14 Jul 2020 19:37

Instrument :
BNA_M
ClientSampled :
SBLK65

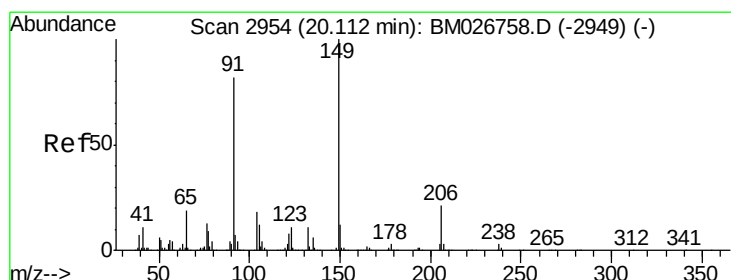
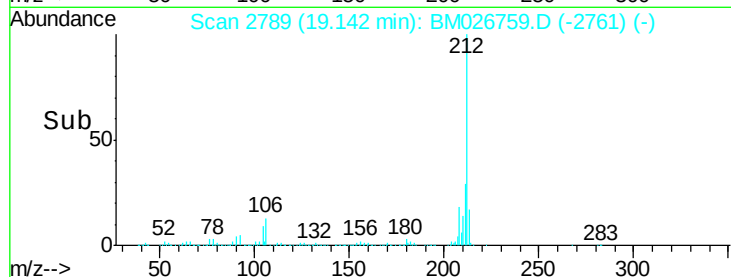
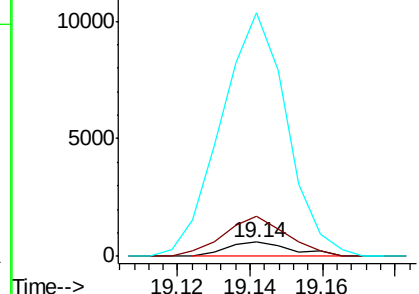
Tot Ion:202 Resp: 769
Ion Ratio Lower Upper
202 100
101 284.2 9.4 14.2#
100 1742.4 8.0 12.0#

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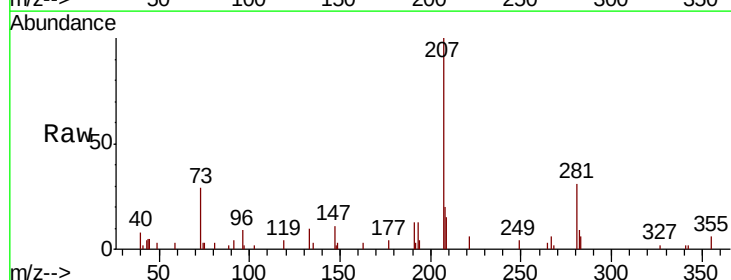


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

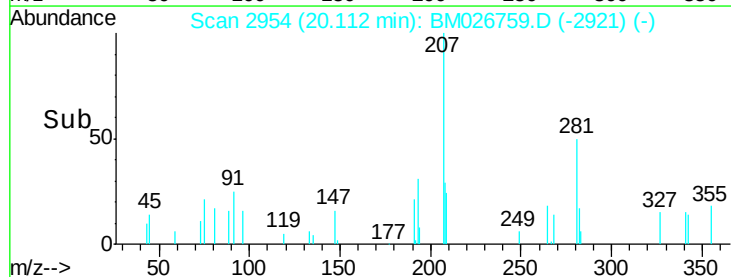
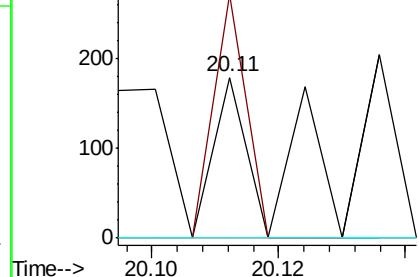


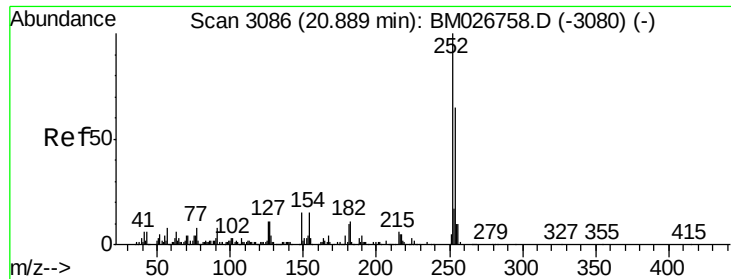
#81
Butylbenzylphthalate
Concen: 0.015 ng/ul
RT: 20.11 min Scan# 2954
Delta R.T. -0.00 min
Lab File: BM026759.D
Acq: 14 Jul 2020 19:37

Tgt Ion:149 Resp: 122
Ion Ratio Lower Upper
149 100
91 151.4 66.4 99.6#
206 0.0 16.3 24.5#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM
Ion 206.00 (205.70 to 206.70): E





#82

3,3'-Dichlorobenzidine

Concen: 0.010 ng/ul

RT: 20.91 min Scan# 3089

Delta R.T. 0.01 min

Lab File: BM026759.D

Acq: 14 Jul 2020 19:37

Instrument :

BNA_M

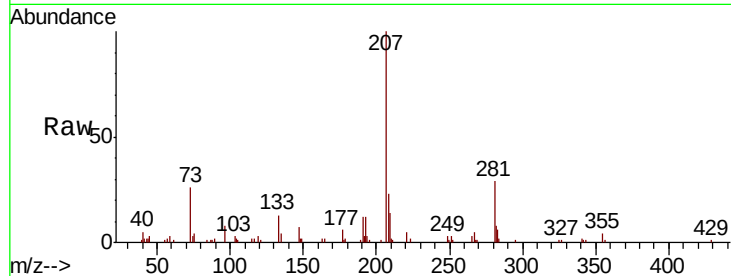
ClientSampleId :

SBLK65

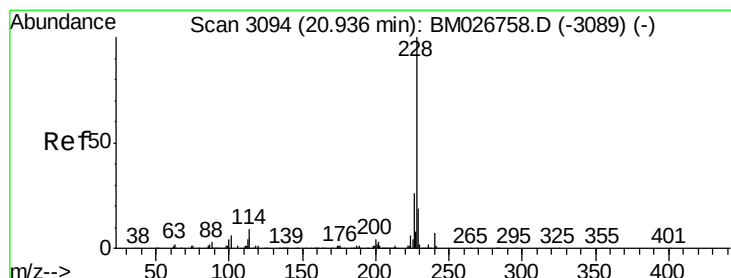
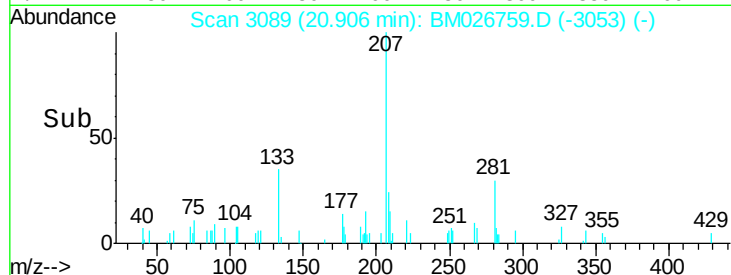
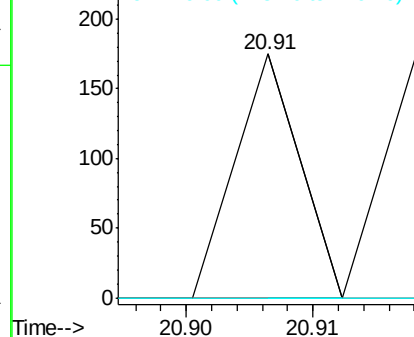
Tot Ion:	252	Resp:	62
Ion Ratio	Lower	Upper	
252	100		
254	0.0	51.3	76.9#
126	0.0	8.1	12.1#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 0.042 ng/ul

RT: 20.95 min Scan# 3097

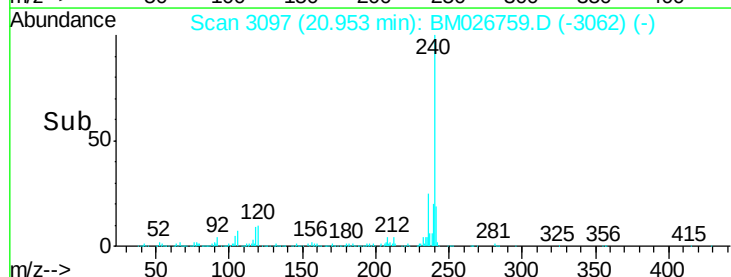
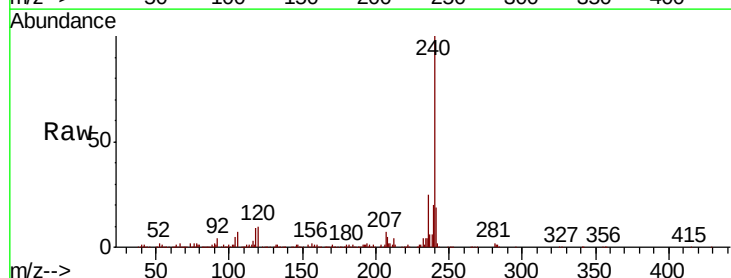
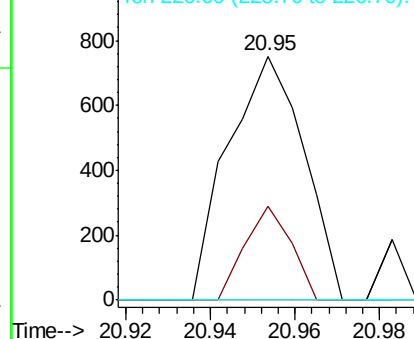
Delta R.T. 0.01 min

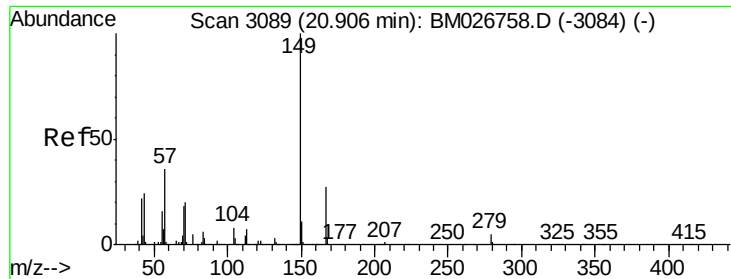
Lab File: BM026759.D

Acq: 14 Jul 2020 19:37

Tgt Ion:	228	Resp:	937
Ion Ratio	Lower	Upper	
228	100		
229	38.6	15.4	23.0#
226	0.0	21.2	31.8#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.015 ng/ul

RT: 20.90 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM026759.D

Acq: 14 Jul 2020 19:37

Instrument :

BNA_M

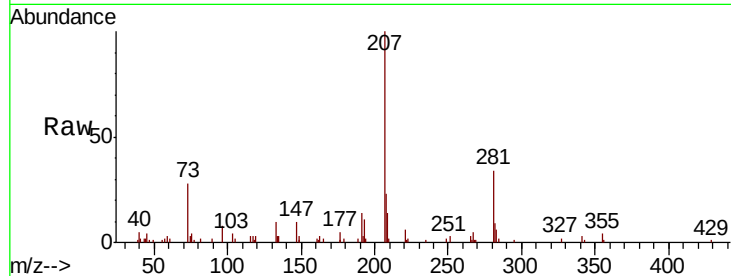
ClientSampleId :

SBLK65

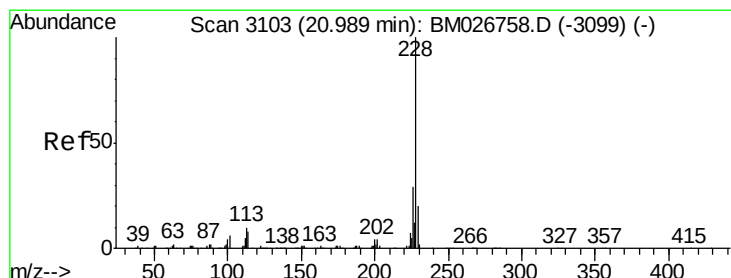
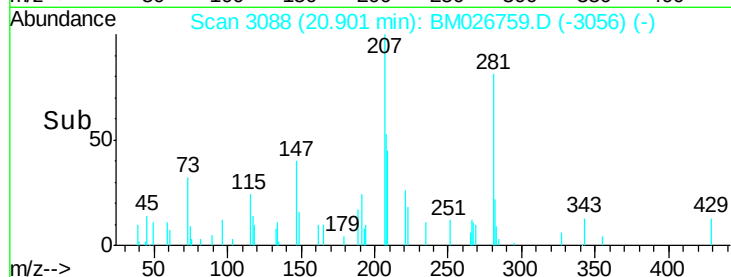
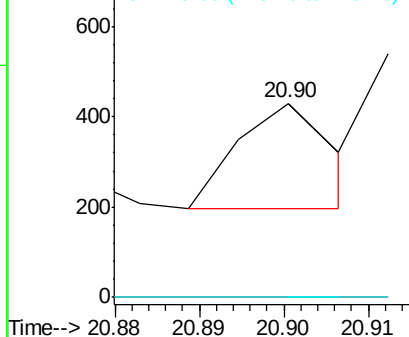
Tot Ion:	149	Resp:	180
Ion Ratio	Lower	Upper	
149	100		
167	0.0	22.1	33.1#
279	0.0	3.6	5.4#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 0.003 ng/ul

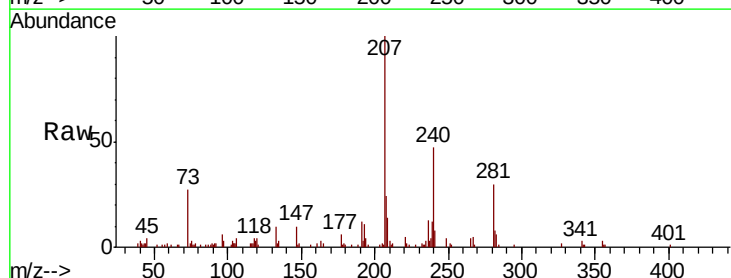
RT: 20.98 min Scan# 3102

Delta R.T. -0.01 min

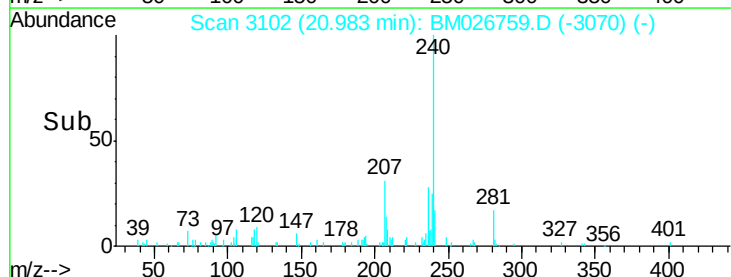
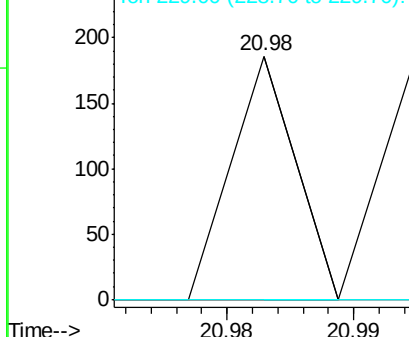
Lab File: BM026759.D

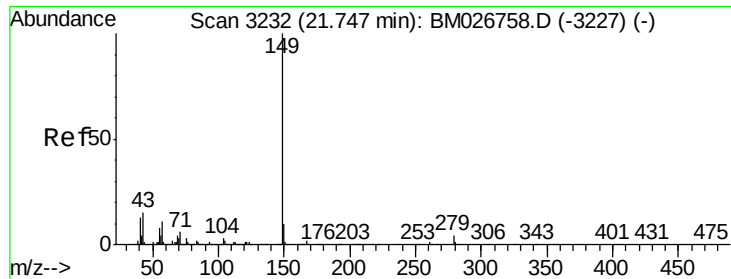
Acq: 14 Jul 2020 19:37

Tgt Ion:	228	Resp:	66
Ion Ratio	Lower	Upper	
228	100		
226	0.0	23.0	34.6#
229	0.0	15.5	23.3#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





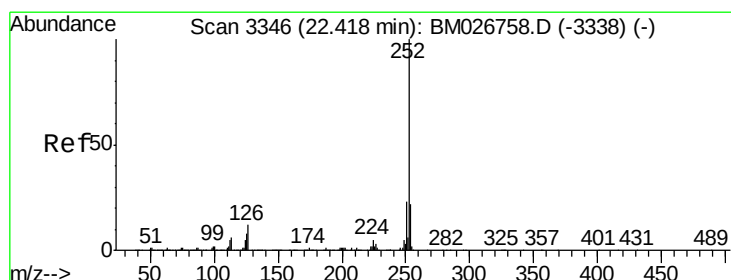
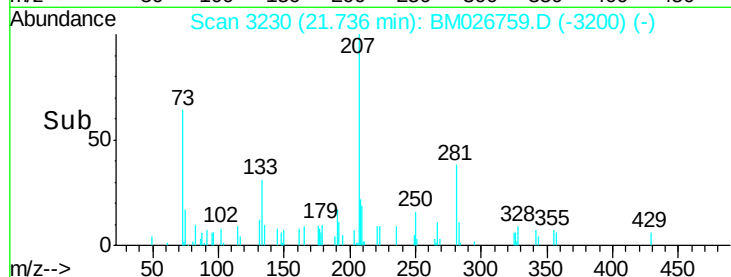
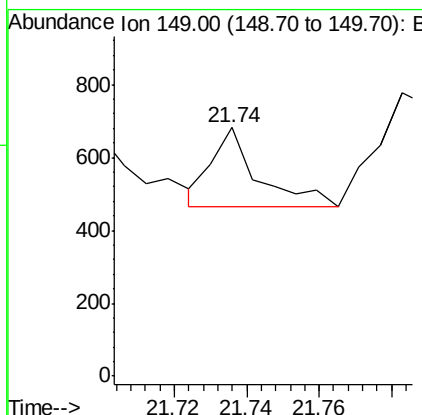
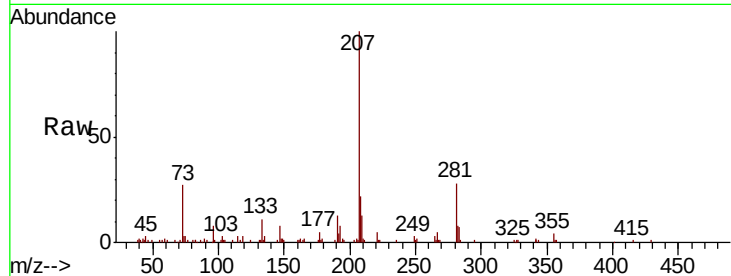
#87
Di-n-octyl phthalate
Concen: 0.008 ng/ul
RT: 21.74 min Scan# 3230
Delta R.T. -0.02 min
Lab File: BM026759.D
Acq: 14 Jul 2020 19:37

Instrument :
BNA_M
ClientSampleId :
SBLK65

Tgt Ion:149 Resp: 195

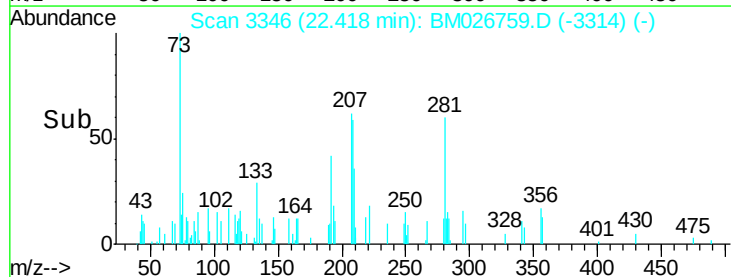
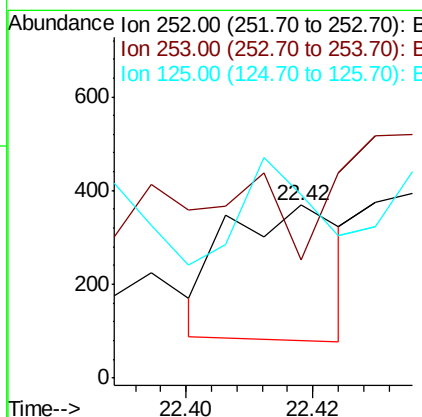
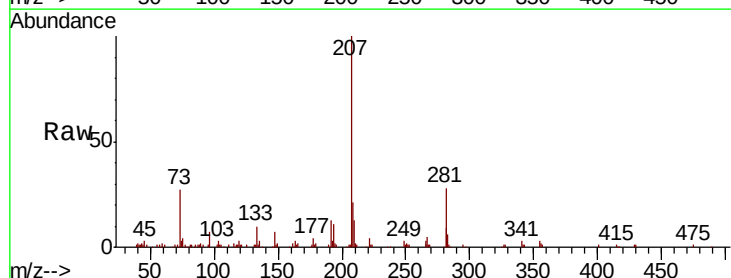
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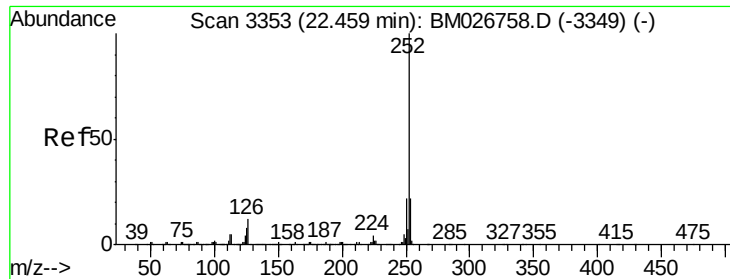
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#88
Benzo(b)fluoranthene
Concen: 0.014 ng/ul
RT: 22.42 min Scan# 3346
Delta R.T. -0.01 min
Lab File: BM026759.D
Acq: 14 Jul 2020 19:37

Tgt Ion:252 Resp: 358
Ion Ratio Lower Upper
252 100
253 68.5 17.2 25.8#
125 106.0 7.6 11.4#





#89

Benzo(k)fluoranthene

Concen: 0.014 ng/ul

RT: 22.45 min Scan# 3352

Delta R.T. -0.01 min

Lab File: BM026759.D

Acq: 14 Jul 2020 19:37

Instrument :

BNA_M

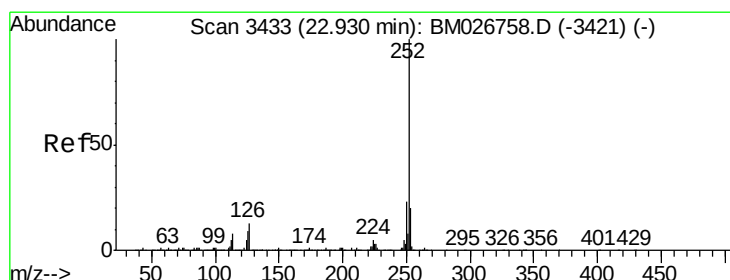
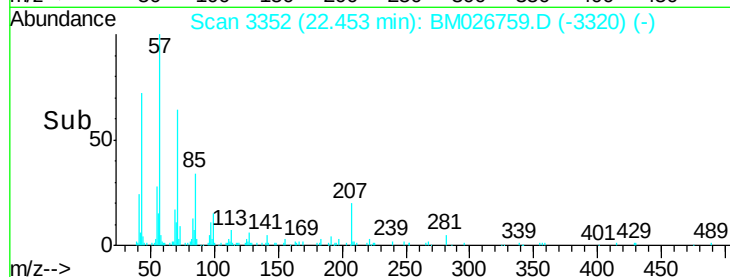
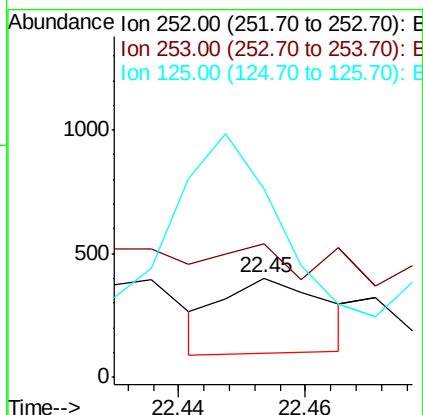
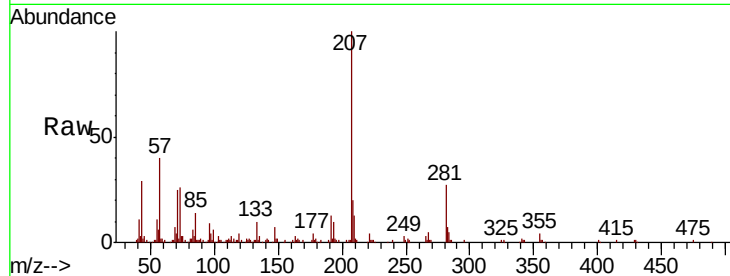
ClientSampled :

SBLK65

Tot Ion:	252	Resp:	345
Ion Ratio	Lower	Upper	
252	100		
253	135.5	17.1	25.7#
125	190.5	7.7	11.5#

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#91

Benzo(a)pyrene

Concen: 0.014 ng/ul

RT: 22.92 min Scan# 3432

Delta R.T. -0.01 min

Lab File: BM026759.D

Acq: 14 Jul 2020 19:37

Tgt Ion:	252	Resp:	316
Ion Ratio	Lower	Upper	
252	100		
253	81.8	17.4	26.0#
125	78.9	7.5	11.3#

