

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071420\
 Data File : BM026756.D
 Acq On : 14 Jul 2020 17:10
 Operator : JU/CG
 Sample : PB130124BL
 Misc : PBBL-WATER-03
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SBLK24

Manual Integrations
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mohammad
 7/15/2020 10:58:39 AM

Quant Time: Jul 14 17:43:43 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	64035	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	253788	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	151584	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	318498	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	309306	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	371144	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.90	96	13710	6.43	ng/uL	0.00
5) Phenol-d5	6.53	99	177810	30.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	130941	33.01	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	141039	31.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	139184	29.67	ng/ul	0.00
19) Nitrobenzene-d5	8.46	128	65081	32.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	70836	33.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	123007	29.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	177022	40.12	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	414526	34.28	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	476943	32.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.24	143	46719m	26.77	ng/ul	0.00
58) Fluorene-d10	14.98	176	348892	32.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	51084	25.67	ng/ul	0.00
71) Anthracene-d10	16.83	188	442298	28.20	ng/ul	0.00
79) Pyrene-d10	19.14	212	595408	37.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	667977	33.35	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	2.93	88	98	0.042	ng/uL# 26
4) Benzaldehyde	6.52	77	347	0.111	ng/ul# 8
8) Bis(2-Chloroethyl)ether	6.85	93	213	0.043	ng/ul# 1
15) N-Nitroso-di-n-propylamine	8.04	70	4381	0.933	ng/ul# 1
20) Nitrobenzene	8.45	77	1011	0.160	ng/ul# 50
21) Isophorone	9.17	82	8798	0.827	ng/ul# 74
46) 2,6-Dinitrotoluene	13.41	165	2365	0.967	ng/ul# 35
57) Diethylphthalate	14.84	149	138	0.011	ng/ul# 60
59) Fluorene	14.98	166	1043	0.081	ng/ul# 8
61) 4-Nitroaniline	15.12	138	112	0.049	ng/ul# 1
65) N-Nitrosodiphenylamine	15.14	169	442	0.042	ng/ul# 32
76) Di-n-butylphthalate	17.73	149	184	0.009	ng/ul# 78
80) Pyrene	19.14	202	855	0.039	ng/ul# 1
81) Butylbenzylphthalate	20.11	149	157	0.020	ng/ul# 17
83) Benzo(a)anthracene	20.96	228	865	0.041	ng/ul# 45
84) Bis(2-ethylhexyl)phthalate	20.91	149	492	0.042	ng/ul# 53
85) Chrysene	21.00	228	126	0.006	ng/ul# 50
87) Di-n-octyl phthalate	21.75	149	158	0.007	ng/ul 100
88) Benzo(b)fluoranthene	22.42	252	334	0.013	ng/ul# 1
89) Benzo(k)fluoranthene	22.47	252	624	0.025	ng/ul# 1
91) Benzo(a)pyrene	22.92	252	342	0.015	ng/ul# 1

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Misc : PBBL-WATER-03
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK24

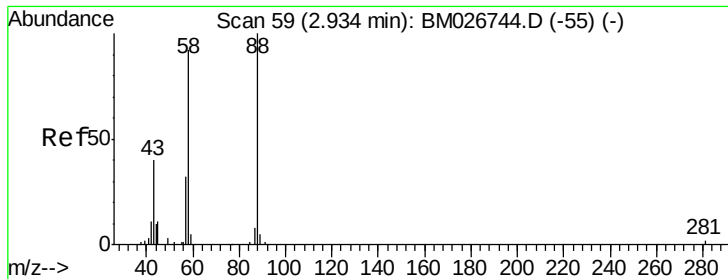
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Quant Time: Jul 14 17:43:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 14 10:31:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 0.042 ng/uL

RT: 2.93 min Scan# 33

Delta R.T. -0.00 min

Lab File: BM026756.D

Acq: 14 Jul 2020 17:10

Instrument :

BNA_M

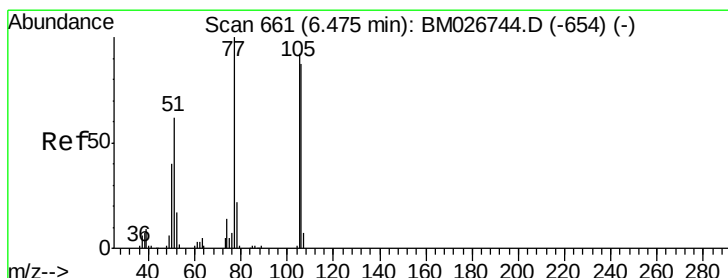
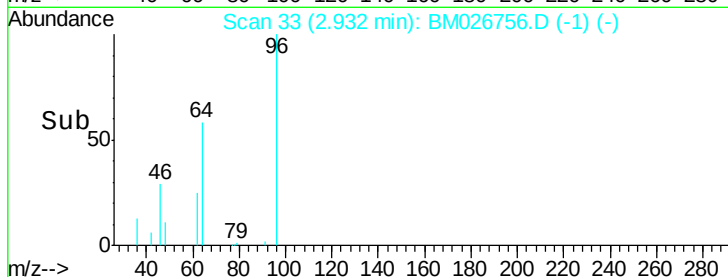
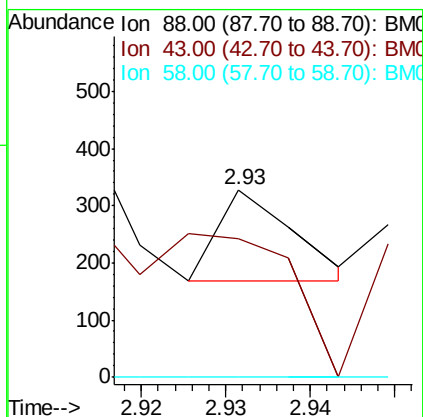
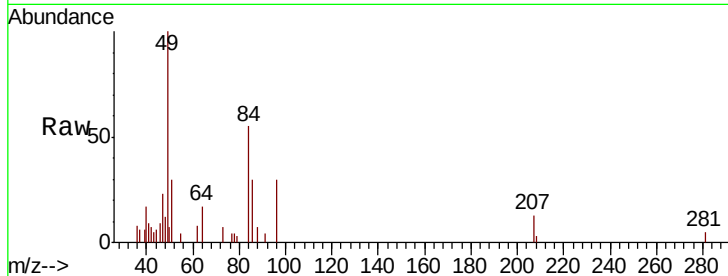
ClientSampleId :

SBLK24

Tot Ion:	88	Resp:	98
Ion	Ratio	Lower	Upper
88	100		
43	74.1	38.2	57.2#
58	0.0	68.9	103.3#

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#4

Benzaldehyde

Concen: 0.111 ng/uL

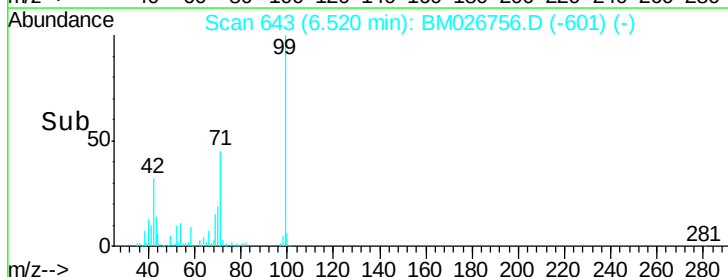
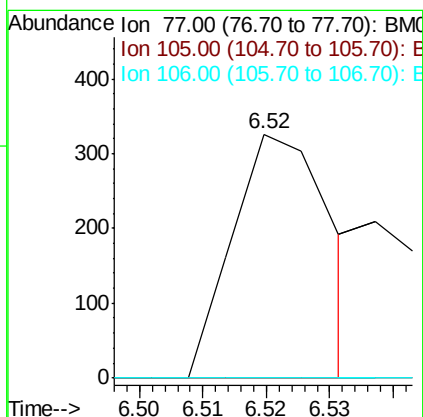
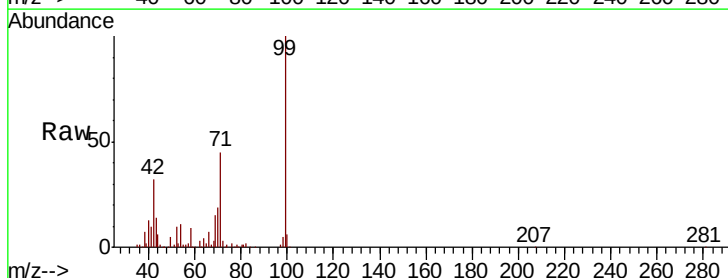
RT: 6.52 min Scan# 643

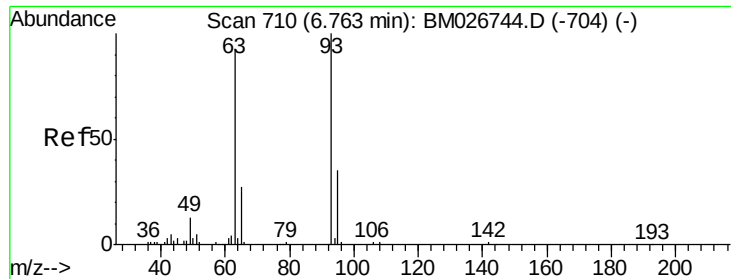
Delta R.T. 0.04 min

Lab File: BM026756.D

Acq: 14 Jul 2020 17:10

Tgt Ion:	77	Resp:	347
Ion	Ratio	Lower	Upper
77	100		
105	0.0	67.5	101.3#
106	0.0	66.2	99.4#





#8

Bis(2-Chloroethyl)ether

Concen: 0.043 ng/ul

RT: 6.85 min Scan# 699

Delta R.T. 0.09 min

Lab File: BM026756.D

Acq: 14 Jul 2020 17:10

Instrument :

BNA_M

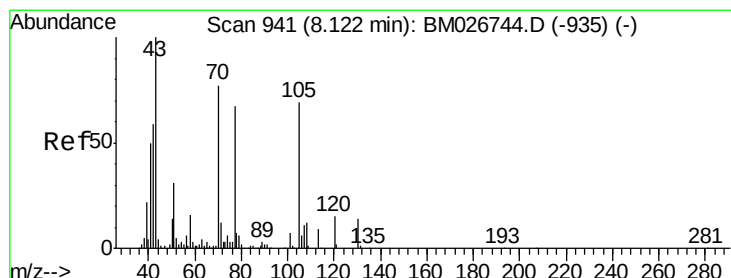
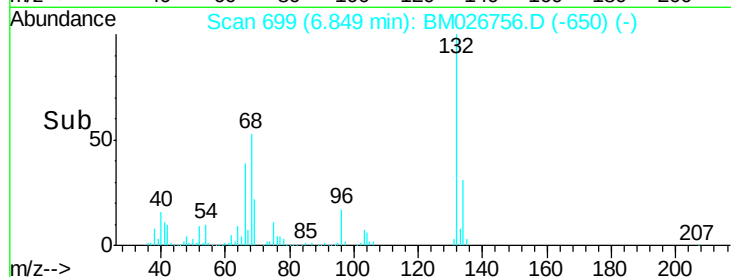
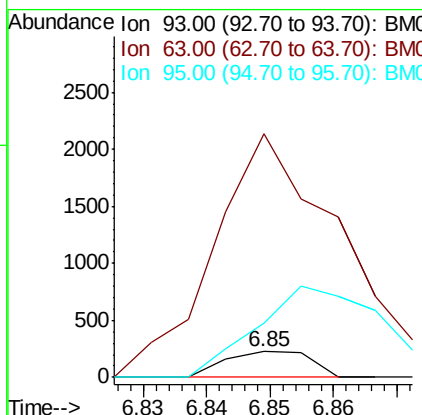
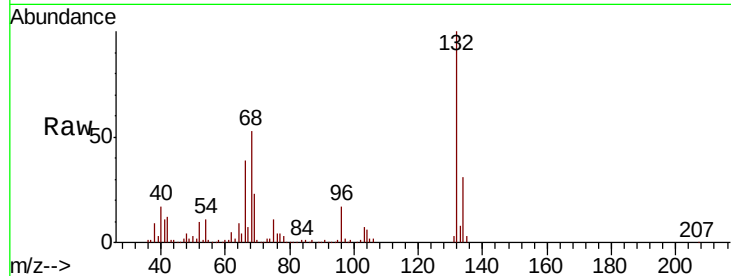
ClientSampleId :

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Tot Ion:	93	Resp:	213
Ion	Ratio	Lower	Upper
93	100		
63	953.1	75.5	113.3#
95	211.2	25.2	37.8#

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#15

N-Nitroso-di-n-propylamine

Concen: 0.933 ng/ul

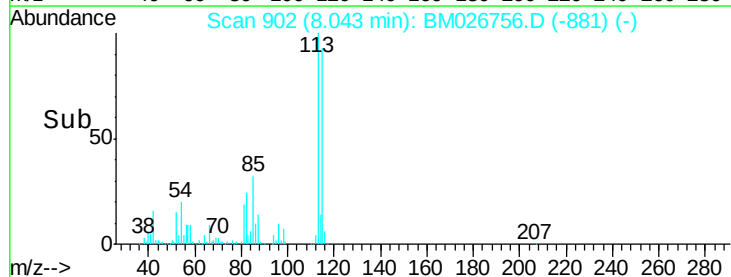
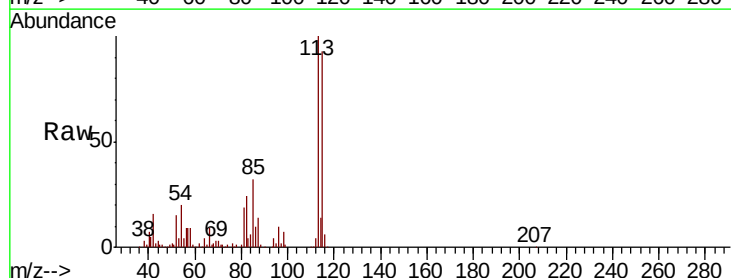
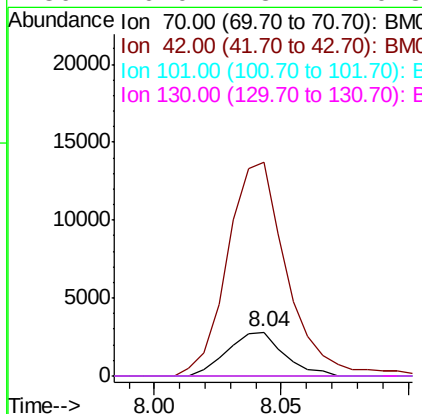
RT: 8.04 min Scan# 902

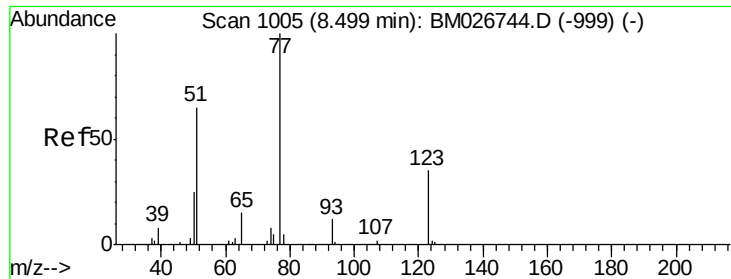
Delta R.T. -0.08 min

Lab File: BM026756.D

Acq: 14 Jul 2020 17:10

Tgt Ion:	70	Resp:	4381
Ion	Ratio	Lower	Upper
70	100		
42	490.2	58.5	87.7#
101	0.0	7.0	10.4#
130	0.0	13.2	19.8#





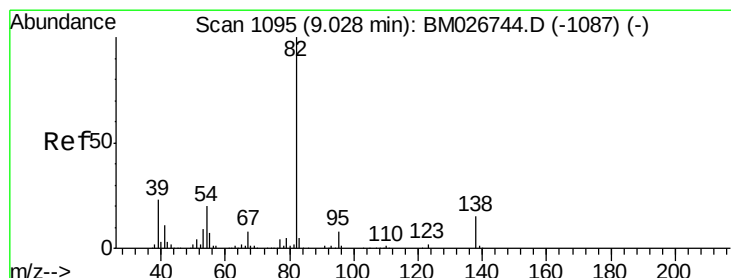
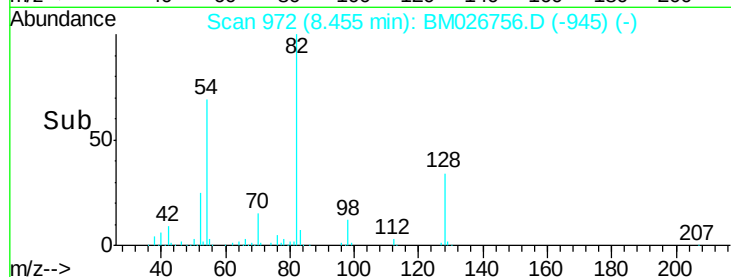
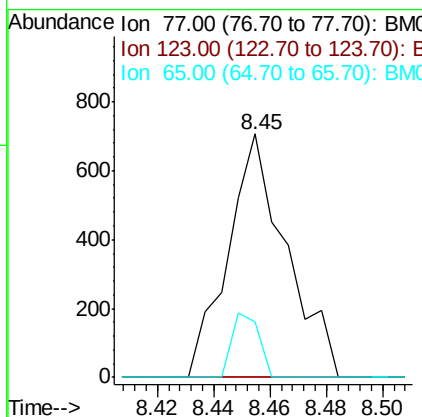
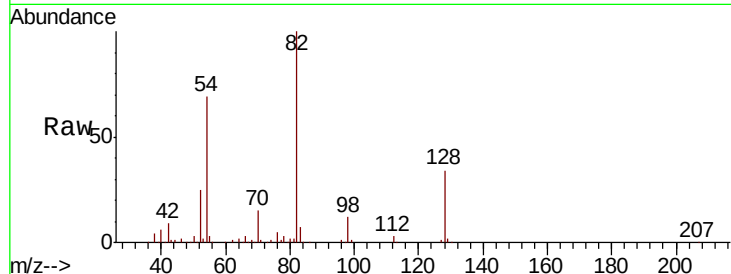
#20
Nitrobenzene
Concen: 0.160 ng/ul
RT: 8.45 min Scan# 972
Delta R.T. -0.04 min
Lab File: BM026756.D
Acq: 14 Jul 2020 17:10

Instrument :
BNA_M
ClientSampleId :
SBLK24

Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	29.8	44.8#
65	22.9	11.8	17.6#

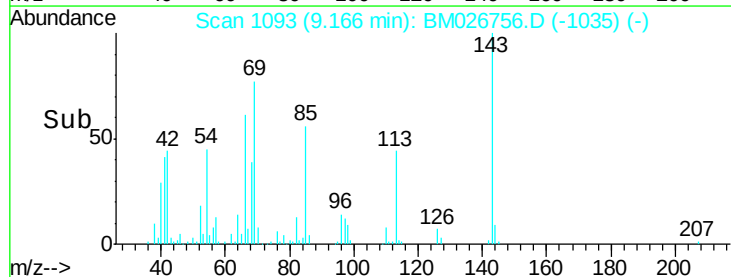
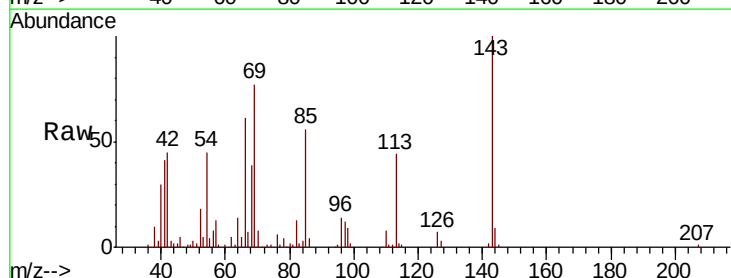
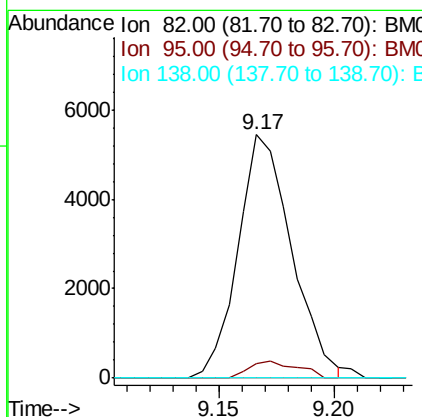
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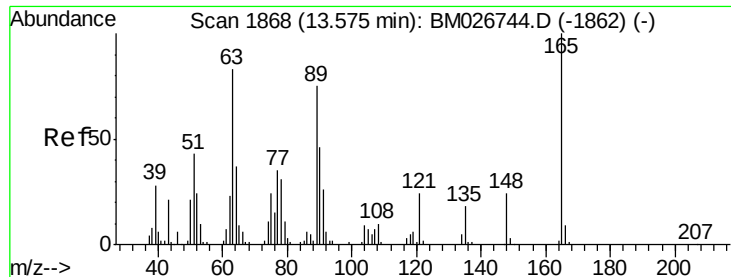
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#21
Isophorone
Concen: 0.827 ng/ul
RT: 9.17 min Scan# 1093
Delta R.T. 0.14 min
Lab File: BM026756.D
Acq: 14 Jul 2020 17:10

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.0	6.4	9.6#
138	0.0	12.2	18.4#





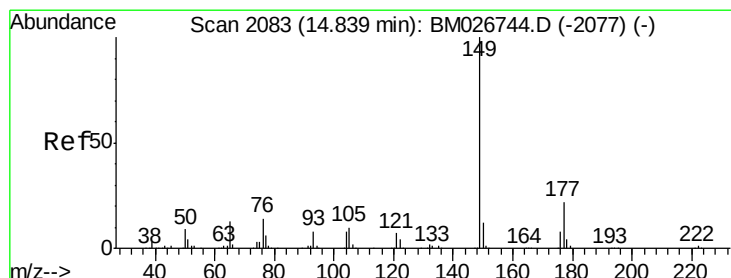
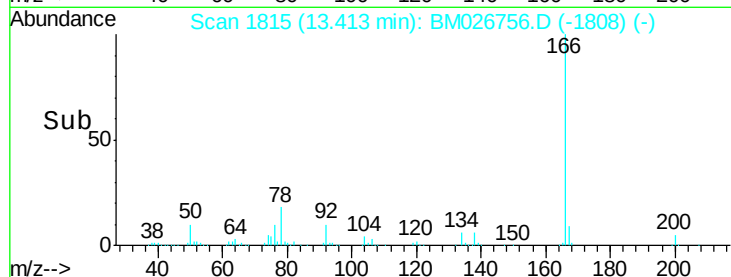
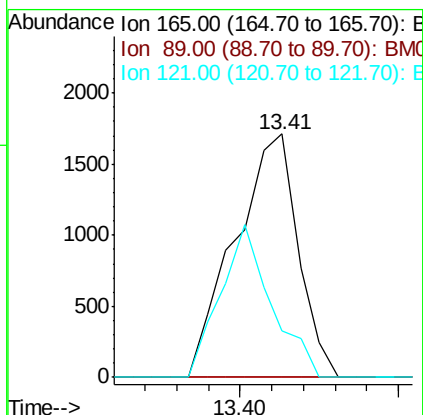
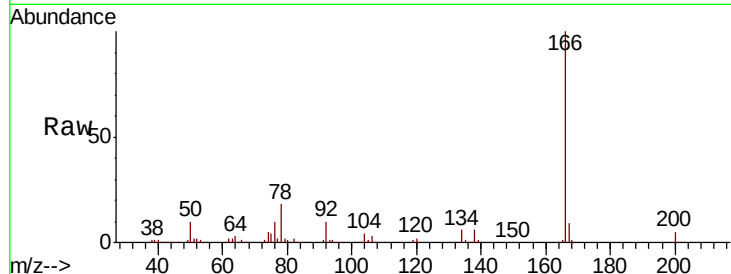
#46
 2,6-Dinitrotoluene
 Concen: 0.967 ng/ul
 RT: 13.41 min Scan# 1815
 Delta R.T. -0.16 min
 Lab File: BM026756.D
 Acq: 14 Jul 2020 17:10

Instrument :
 BNA_M
 ClientSampleID :
 SBLK24

Tot Ion	Ratio	Lower	Upper
165	100		
89	0.0	54.2	81.4#
121	19.3	18.2	27.4

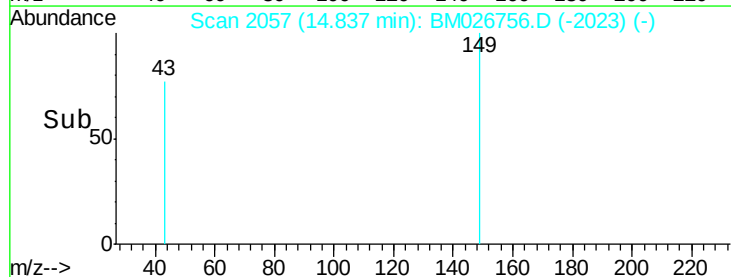
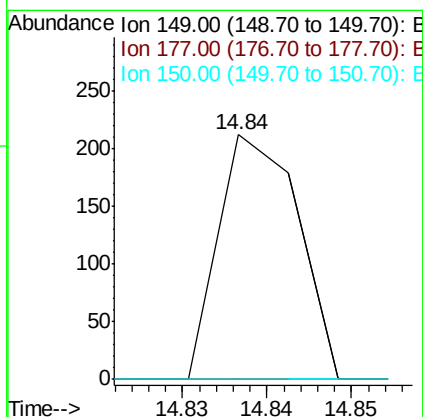
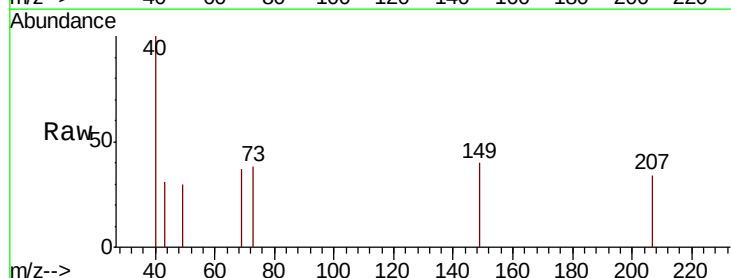
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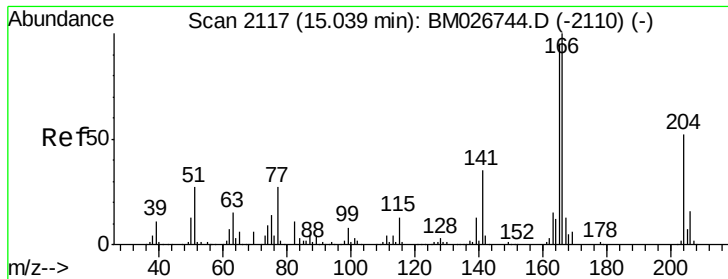
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#57
 Diethylphthalate
 Concen: 0.011 ng/ul
 RT: 14.84 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BM026756.D
 Acq: 14 Jul 2020 17:10

Tgt Ion	Ratio	Lower	Upper
149	100		
177	0.0	16.6	25.0#
150	0.0	10.0	15.0#





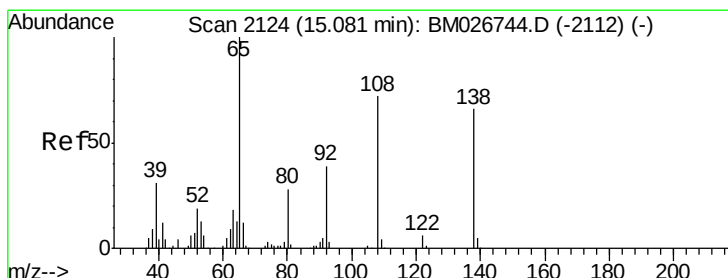
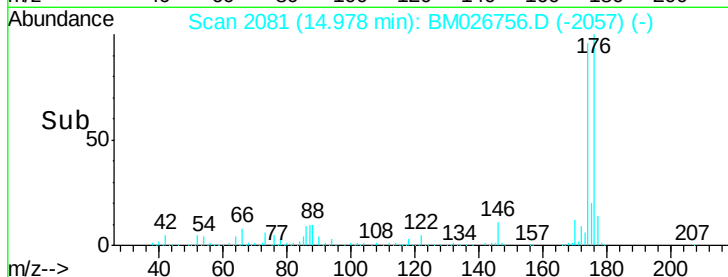
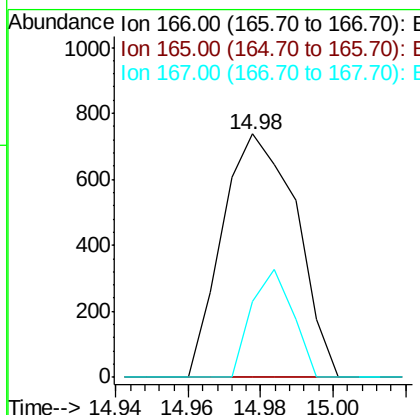
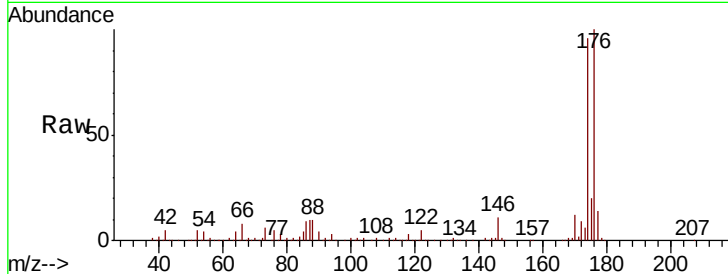
#59
Fluorene
 Concen: 0.081 ng/ul
 RT: 14.98 min Scan# 2081
 Delta R.T. -0.06 min
 Lab File: BM026756.D
 Acq: 14 Jul 2020 17:10

Instrument :
 BNA_M
 ClientSampleID :
 SBLK24

Tot Ion	Ratio	Lower	Upper
166	100		
165	0.0	77.0	115.4#
167	31.3	10.7	16.1#

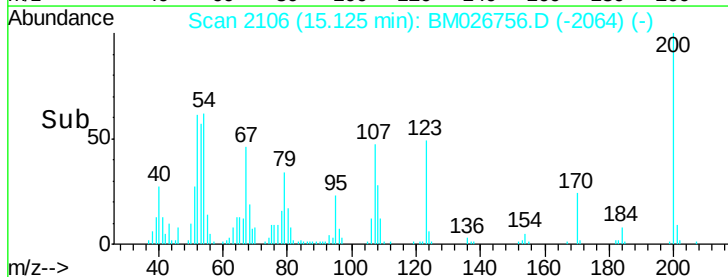
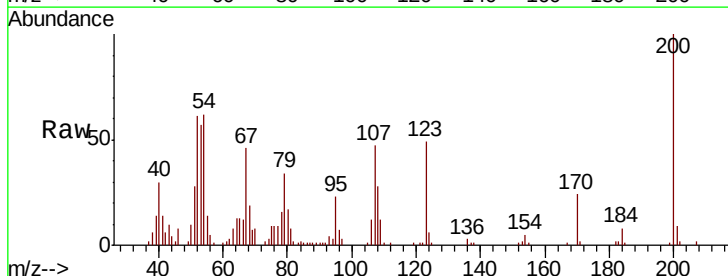
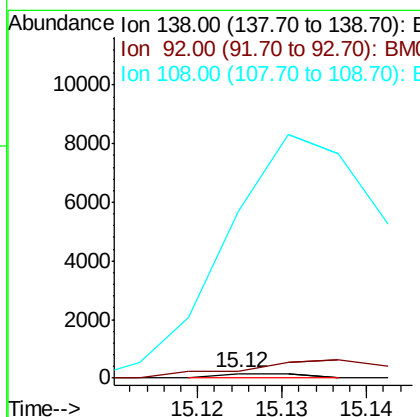
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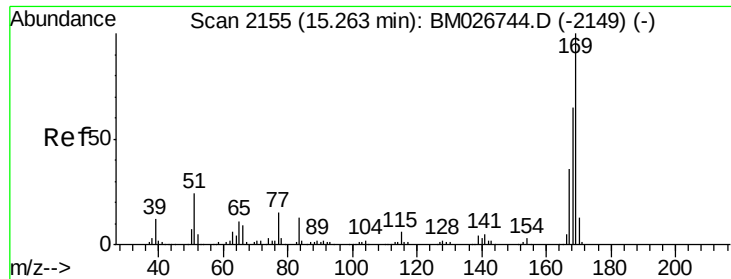
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#61
4-Nitroaniline
 Concen: 0.049 ng/ul
 RT: 15.12 min Scan# 2106
 Delta R.T. 0.04 min
 Lab File: BM026756.D
 Acq: 14 Jul 2020 17:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	148.8	47.7	71.5#
108	3478.7	82.6	123.8#





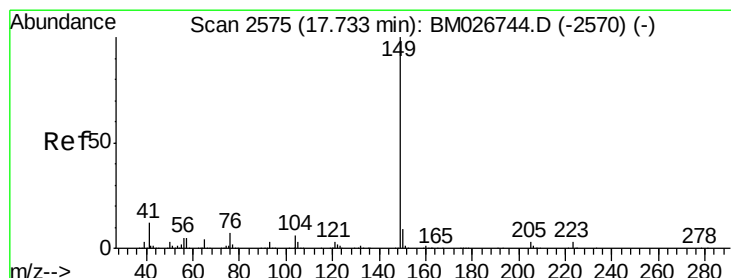
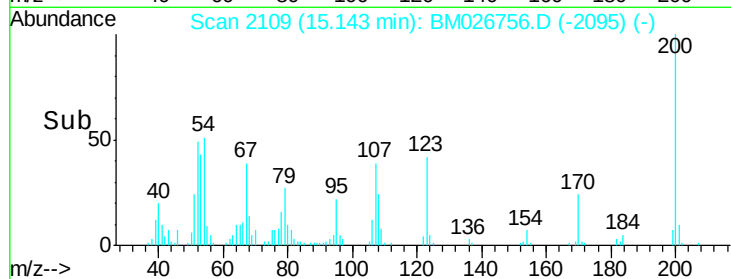
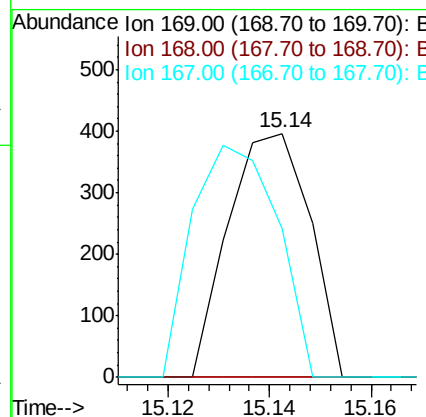
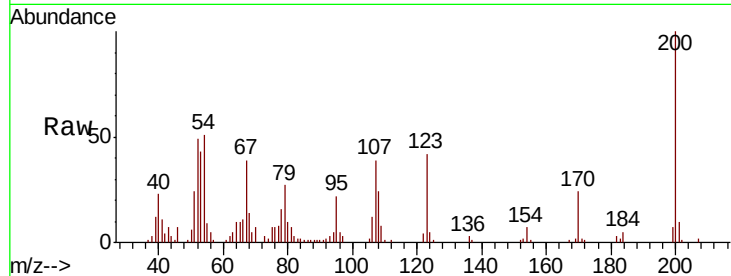
#65
N-Nitrosodiphenylamine
Concen: 0.042 ng/ul
RT: 15.14 min Scan# 2109
Delta R.T. -0.12 min
Lab File: BM026756.D
Acq: 14 Jul 2020 17:10

Instrument :
BNA_M
ClientSampleID :
SBLK24

Tot Ion	Ratio	Lower	Upper
169	100		
168	0.0	51.7	77.5#
167	60.9	28.4	42.6#

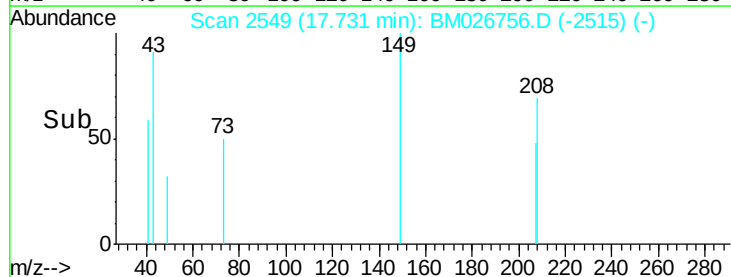
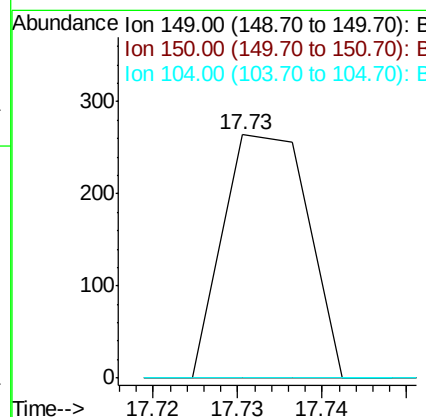
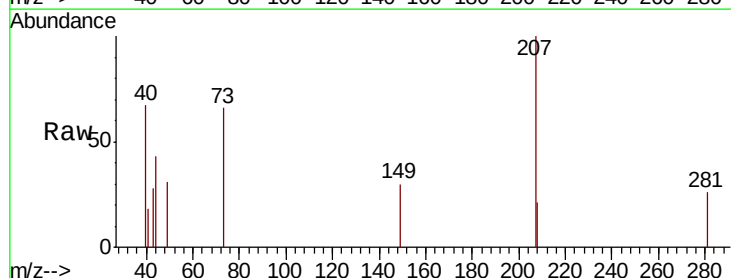
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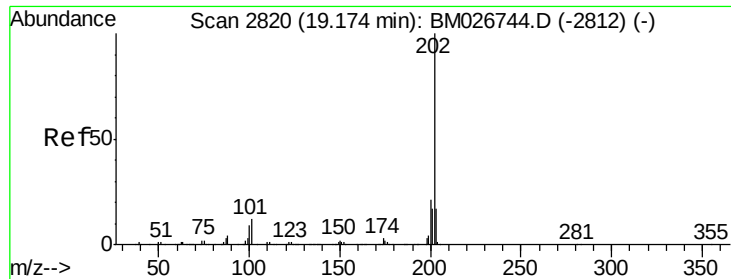
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#76
Di-n-butylphthalate
Concen: 0.009 ng/ul
RT: 17.73 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BM026756.D
Acq: 14 Jul 2020 17:10

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





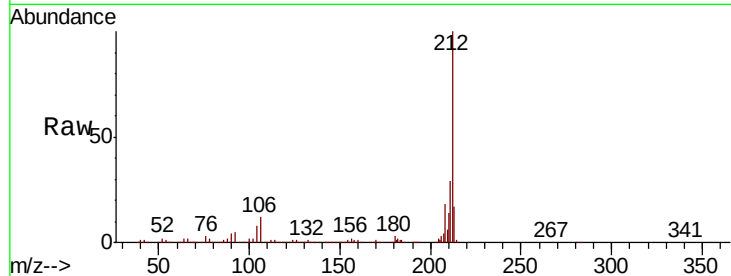
#80
Pvrene
Concen: 0.039 ng/ul
RT: 19.14 min Scan# 2789
Delta R.T. -0.03 min
Lab File: BM026756.D
Acq: 14 Jul 2020 17:10

Instrument :
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ClientSampleId :
SBLK24

Tot Ion	Ratio	Lower	Upper
202	100		
101	231.5	9.4	14.2#
100	1583.3	8.0	12.0#

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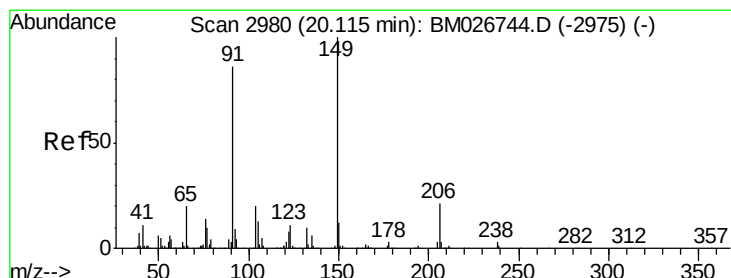
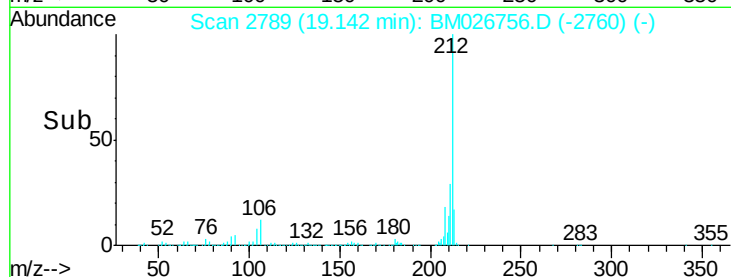
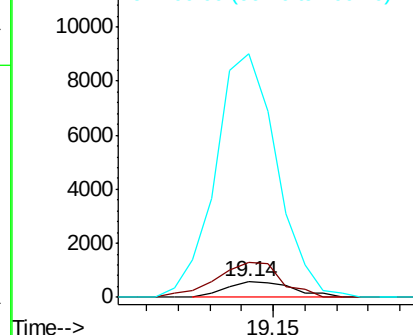


Abundance

Ion 202.00 (201.70 to 202.70): E

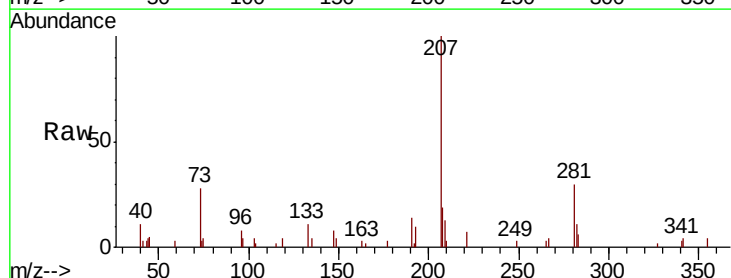
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#81
Butylbenzylphthalate
Concen: 0.020 ng/ul
RT: 20.11 min Scan# 2953
Delta R.T. -0.01 min
Lab File: BM026756.D
Acq: 14 Jul 2020 17:10

Tgt Ion	Ratio	Lower	Upper
149	100		
91	0.0	66.4	99.6#
206	0.0	16.3	24.5#

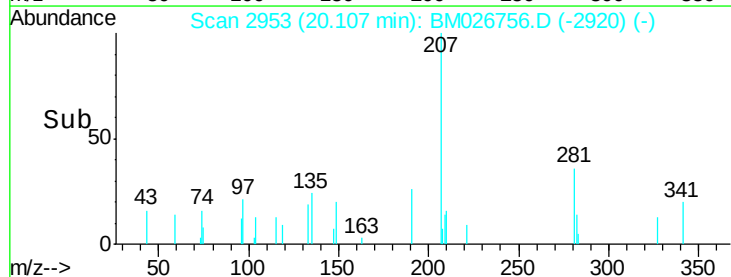
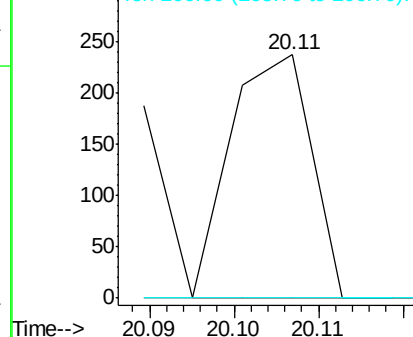


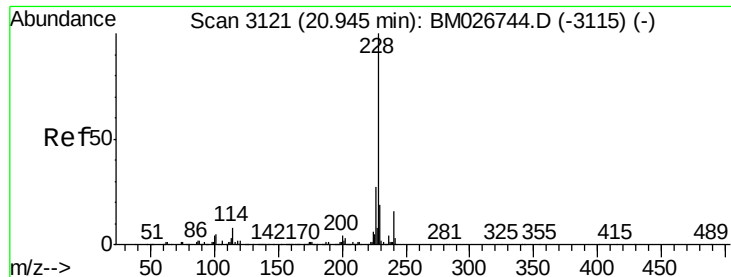
Abundance

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





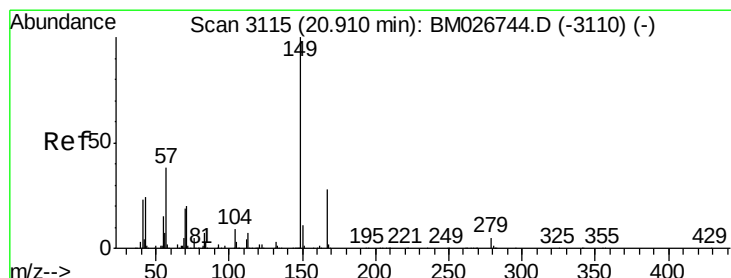
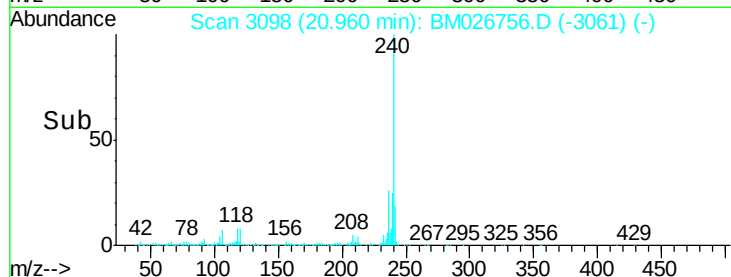
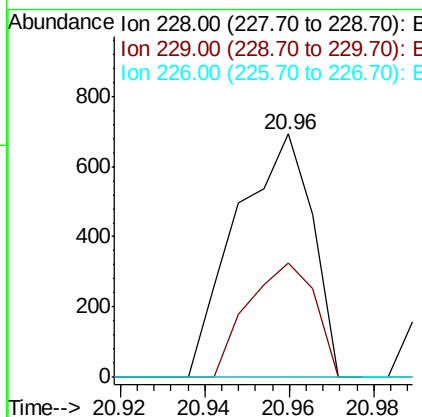
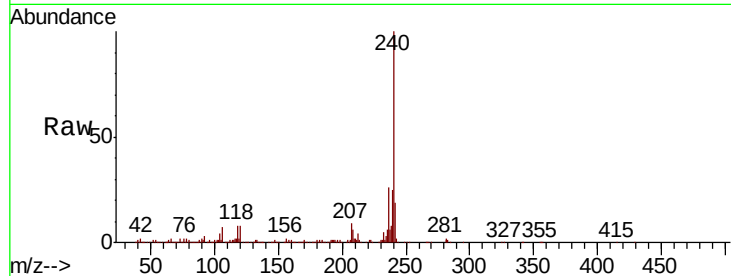
#83
Benzo(a)anthracene
Concen: 0.041 ng/ul
RT: 20.96 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BM026756.D
Acq: 14 Jul 2020 17:10

Instrument :
BNA_M
ClientSampleId :
SBLK24

Tot Ion	Ratio	Lower	Upper
228	100		
229	46.8	15.4	23.0#
226	0.0	21.2	31.8#

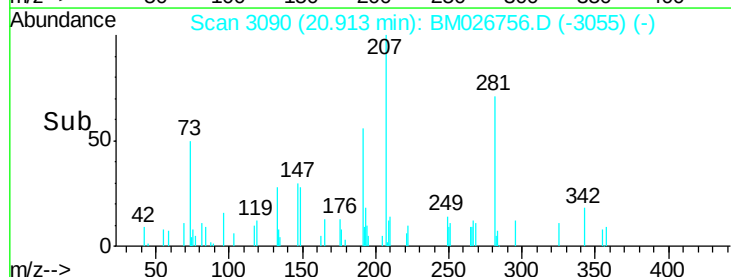
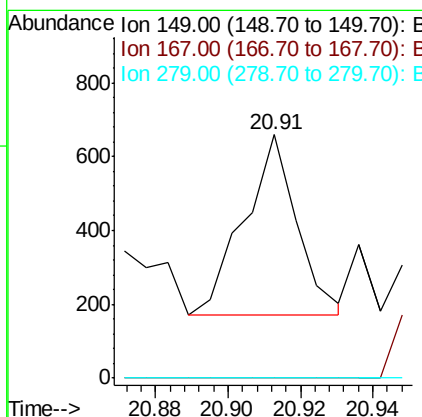
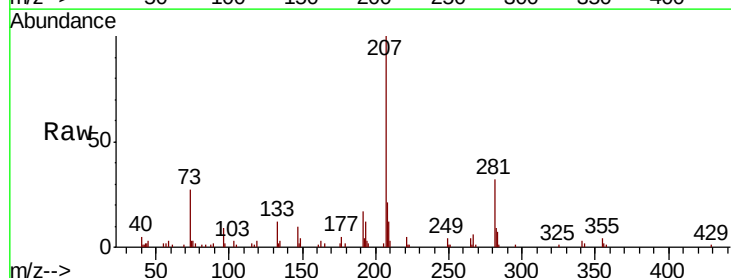
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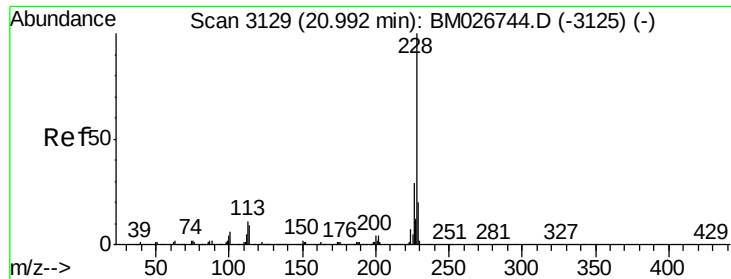
mohammad
7/15/2020 10:58:39 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 0.042 ng/ul
RT: 20.91 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM026756.D
Acq: 14 Jul 2020 17:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.1	33.1#
279	0.0	3.6	5.4#





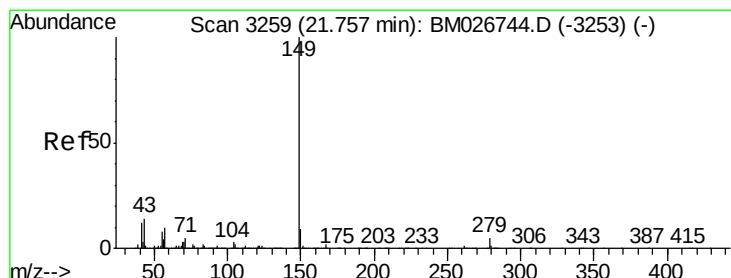
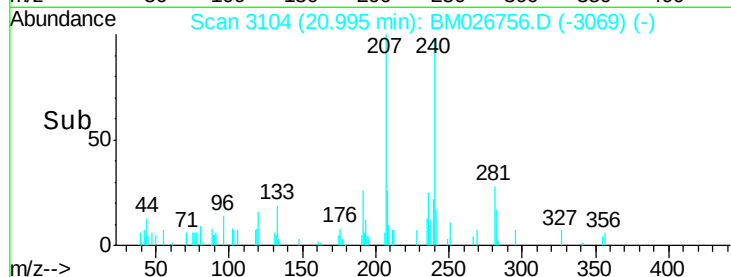
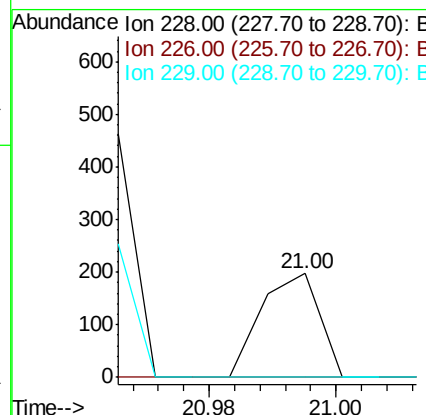
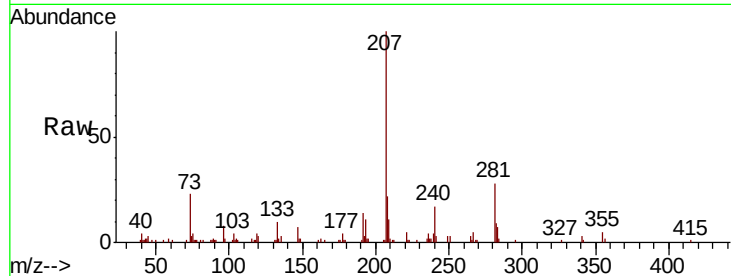
#85
 Chrysene
 Concen: 0.006 ng/ul
 RT: 21.00 min Scan# 3104
 Delta R.T. 0.00 min
 Lab File: BM026756.D
 Acq: 14 Jul 2020 17:10

Instrument :
 BNA_M
 ClientSampleId :
 SBLK24

Tot Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	0.0	15.5	23.3#

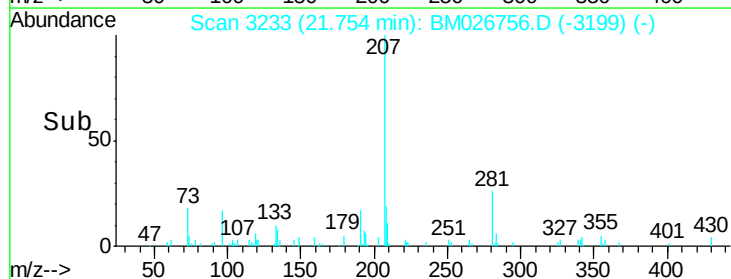
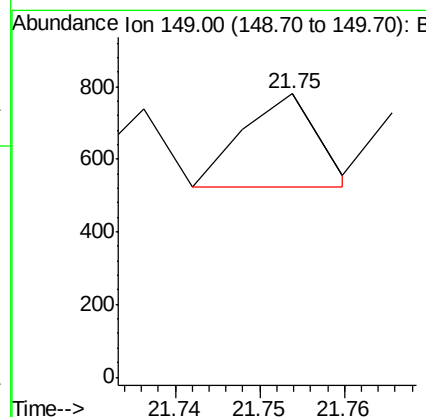
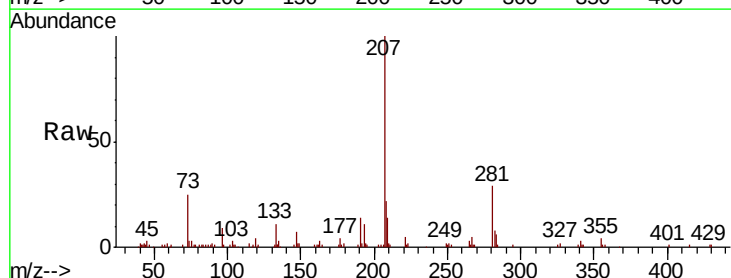
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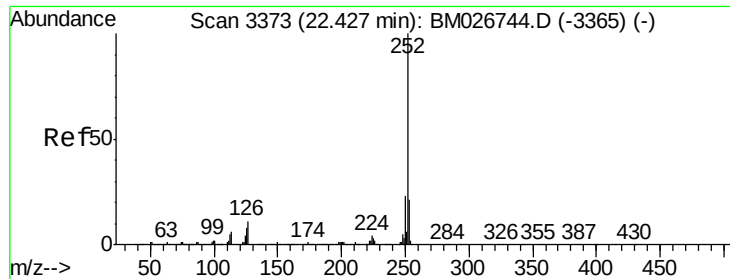
mohammad
 7/15/2020 10:58:39 AM



#87
 Di-n-octyl phthalate
 Concen: 0.007 ng/ul
 RT: 21.75 min Scan# 3233
 Delta R.T. -0.00 min
 Lab File: BM026756.D
 Acq: 14 Jul 2020 17:10

Tgt Ion:149 Resp: 158





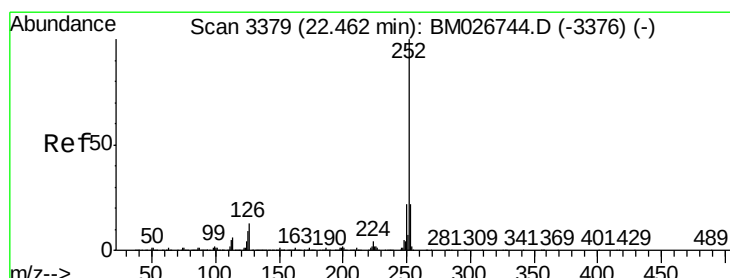
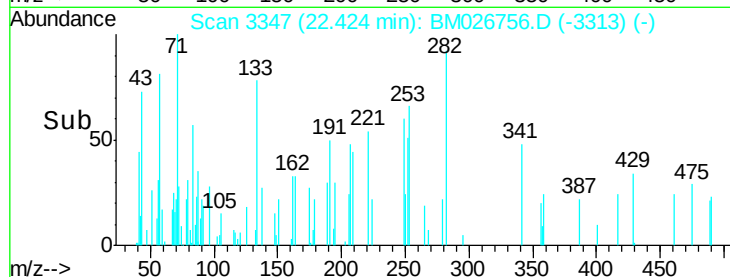
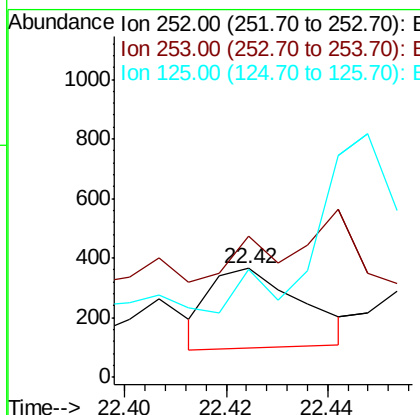
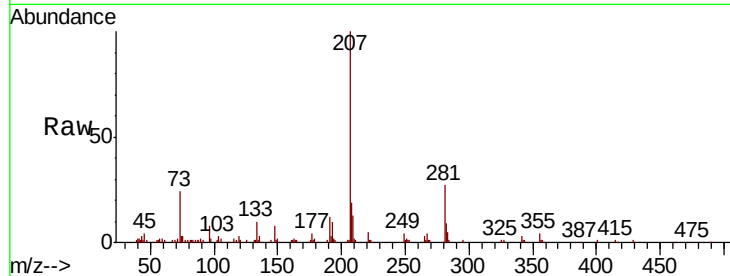
#88
Benzo(b)fluoranthene
Concen: 0.013 ng/ul
RT: 22.42 min Scan# 3347
Delta R.T. -0.00 min
Lab File: BM026756.D
Acq: 14 Jul 2020 17:10

Instrument :
BNA_M
ClientSampled :
SBLK24

Tot Ion	Ratio	Lower	Upper
252	100		
253	129.9	17.2	25.8#
125	98.9	7.6	11.4#

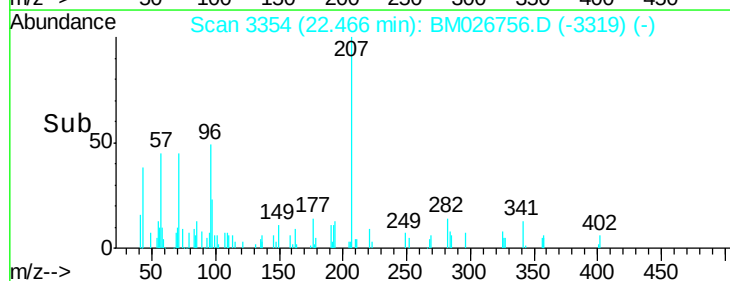
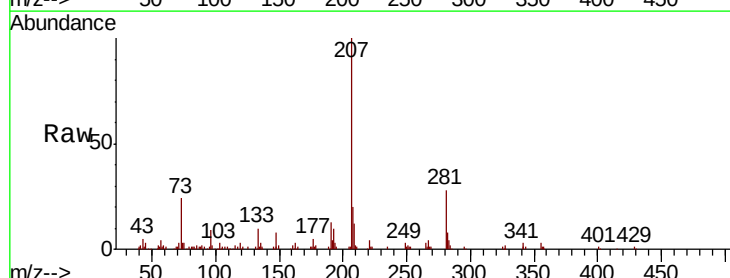
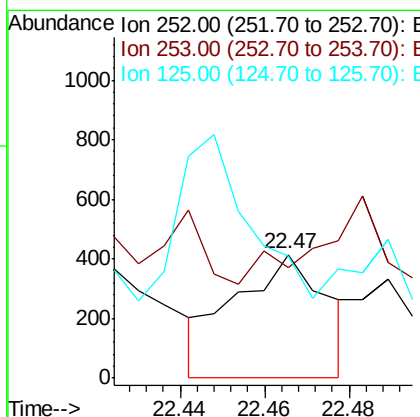
Manual Integrations
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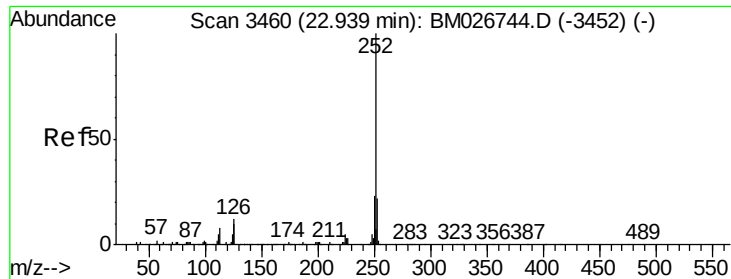
mohammad
7/15/2020 10:58:39 AM



#89
Benzo(k)fluoranthene
Concen: 0.025 ng/ul
RT: 22.47 min Scan# 3354
Delta R.T. 0.00 min
Lab File: BM026756.D
Acq: 14 Jul 2020 17:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	89.9	17.1	25.7#
125	98.8	7.7	11.5#





#91

Benzo(a)pyrene

Concen: 0.015 ng/ul

RT: 22.92 min Scan# 3431

Delta R.T. -0.02 min

Lab File: BM026756.D

Acq: 14 Jul 2020 17:10

Instrument :

BNA_M

ClientSampleId :

SBLK24

Tot Ion:	252	Resp:	342
Ion Ratio	Lower	Upper	
252	100		
253	79.3	17.4	26.0#
125	72.6	7.5	11.3#

Manual Integrations
APPROVED

mohammad
7/15/2020 10:58:39 AM

