

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061720\
 Data File : BM026436.D
 Acq On : 17 Jun 2020 21:19
 Operator : JU/CG
 Sample : L2959-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG2J7

Manual Integrations
 APPROVED

mohammad
 6/19/2020 9:27:51 AM

Quant Time: Jun 18 01:18:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 17 16:26:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	118014	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	585484	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	405573	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	903882	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	911357	20.00	ng/ul	0.00
86) Perylene-d12	23.11	264	805103	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	9042	2.69	ng/uL	0.00
5) Phenol-d5	6.60	99	179122	16.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	152018	22.10	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	148196	16.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	169968	19.86	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	91499	17.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	79375	13.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	152276	14.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	82694	7.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	587801	17.24	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	739406	18.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	15525	2.75	ng/ul	0.00
58) Fluorene-d10	15.06	176	550730	18.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	65589	11.09	ng/ul	0.00
71) Anthracene-d10	16.90	188	859259	18.68	ng/ul	0.00
79) Pyrene-d10	19.22	212	989281	19.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	831929	18.69	ng/ul	0.00

Target Compounds

					Ovalue
39) 2,4,6-Trichlorophenol	12.47	196	14698	1.533	ng/ul 93
45) Dimethylphthalate	13.52	163	186533	5.267	ng/ul 99
50) Acenaphthene	14.12	153	35990	1.197	ng/ul 93
69) Pentachlorophenol	16.47	266	117442	19.365	ng/ul 99
70) Phenanthrene	16.85	178	477426	8.422	ng/ul 99
72) Anthracene	16.94	178	115098	1.981	ng/ul 99
75) Carbazole	17.22	167	64006	1.326	ng/ul 98
76) Di-n-butylphthalate	17.80	149	1228150	19.434	ng/ul 100
77) Fluoranthene	18.87	202	769381	12.422	ng/ul 98
80) Pyrene	19.24	202	646234	9.645	ng/ul 99
83) Benzo(a)anthracene	21.00	228	340014	5.237	ng/ul 98
84) Bis(2-ethylhexyl)phthalate	20.97	149	44604	1.035	ng/ul 100
85) Chrysene	21.06	228	316466	5.021	ng/ul 99
88) Benzo(b)fluoranthene	22.50	252	381225	6.905	ng/ul 99
89) Benzo(k)fluoranthene	22.54	252	123480m	2.325	ng/ul
91) Benzo(a)pyrene	23.02	252	247735	5.093	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	25.15	276	144378	2.265	ng/ul 95
94) Benzo(g,h,i)perylene	25.77	276	65798	1.235	ng/ul 99

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

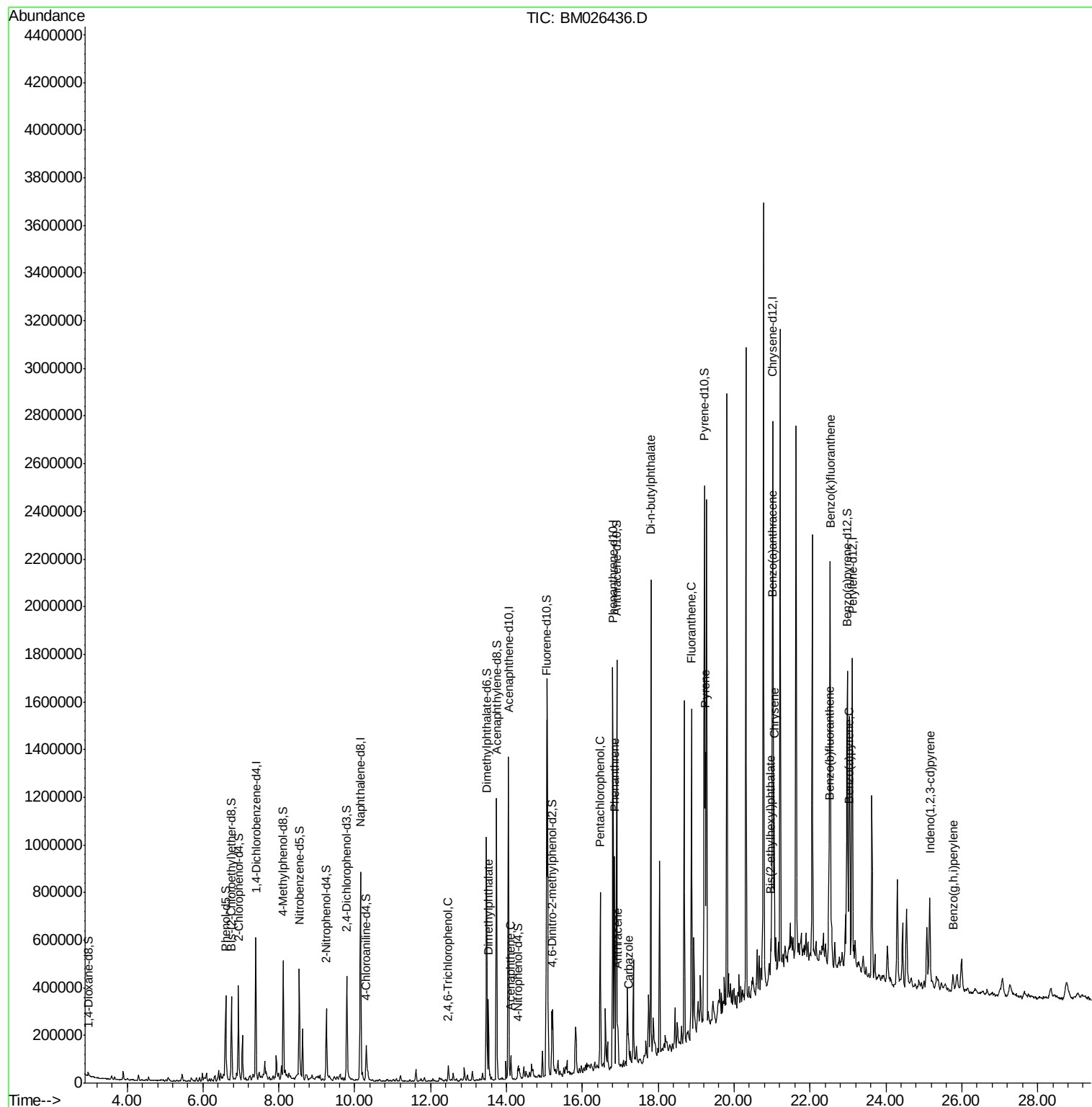
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061720\
Data File : BM026436.D
Acq On : 17 Jun 2020 21:19
Operator : JU/CG
Sample : L2959-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

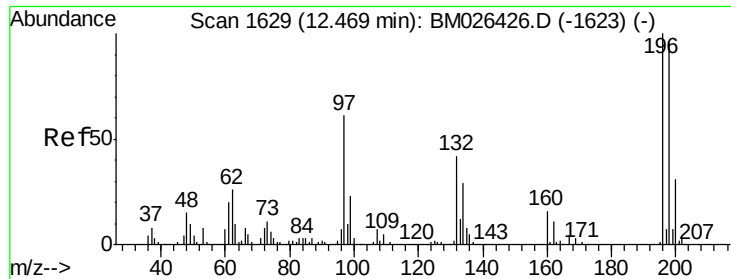
Instrument :
BNA_M
ClientSampleId :
BG2J7

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Quant Time: Jun 18 01:18:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 17 16:26:10 2020
Response via : Initial Calibration





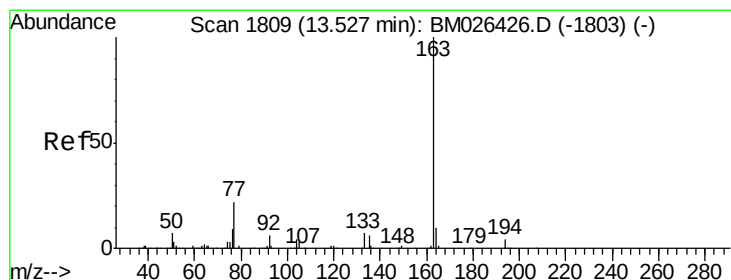
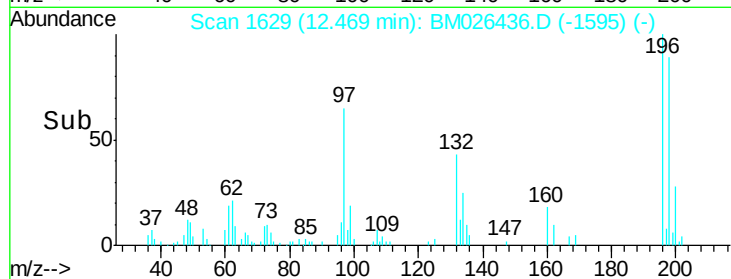
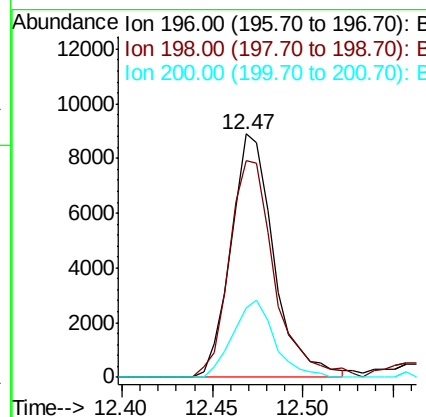
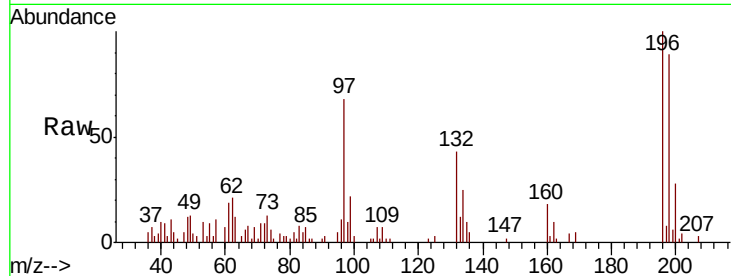
#39
 2,4,6-Trichlorophenol
 Concen: 1.533 ng/ul
 RT: 12.47 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BM026436.D
 Acq: 17 Jun 2020 21:19

Instrument :
 BNA_M
 ClientSampleId :
 BG2J7

Tot Ion	Ratio	Resp	Lower	Upper
196	100	14698		
198	89.0	76.6	114.8	
200	28.5	26.1	39.1	

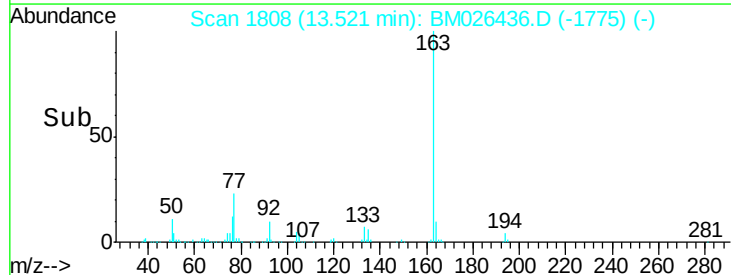
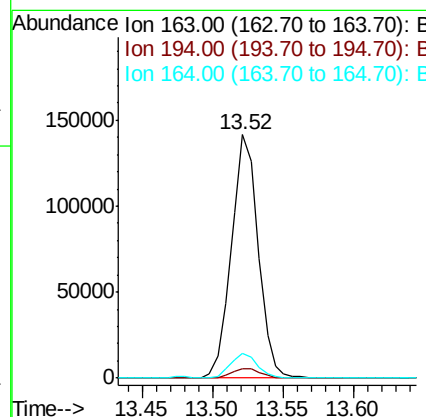
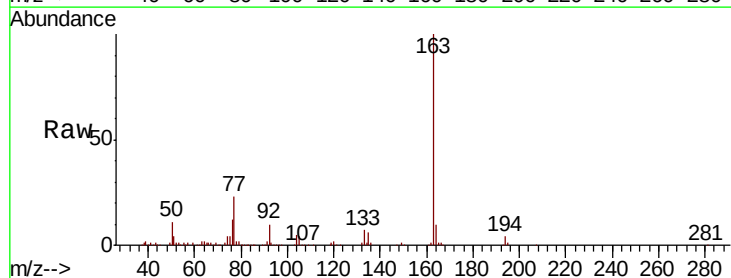
Manual Integrations
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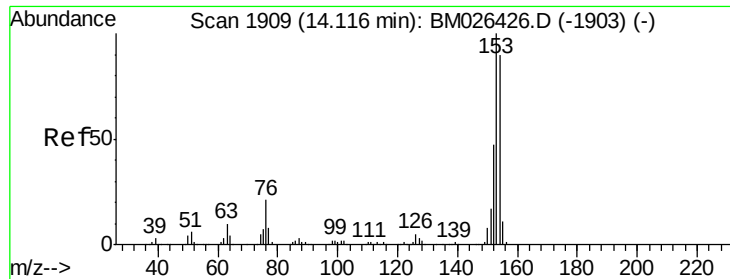
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#45
 Dimethylphthalate
 Concen: 5.267 ng/ul
 RT: 13.52 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BM026436.D
 Acq: 17 Jun 2020 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	186533		
194	4.0	3.4	5.2	
164	10.0	7.8	11.6	





#50

Acenaphthene

Concen: 1.197 ng/ul

RT: 14.12 min Scan# 1909

Delta R.T. -0.00 min

Lab File: BM026436.D

Acq: 17 Jun 2020 21:19

Instrument :

BNA_M

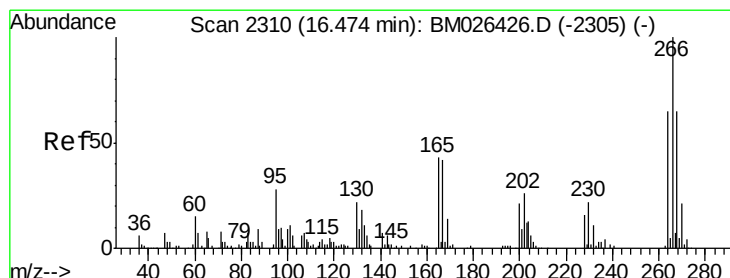
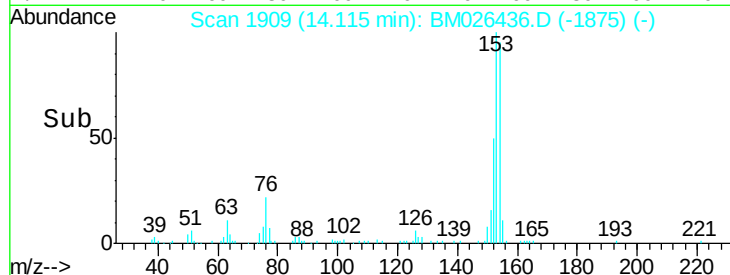
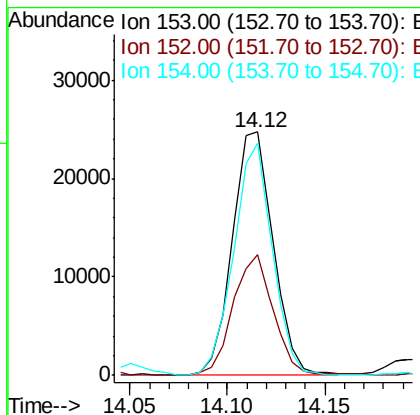
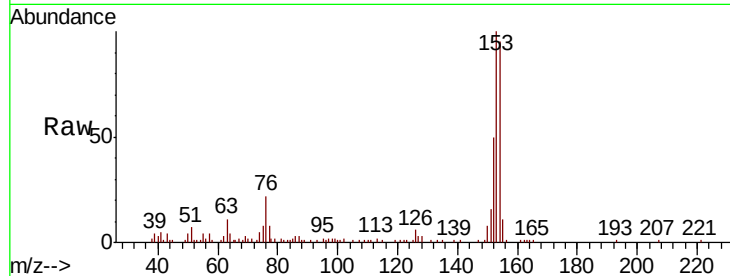
ClientSampleId :

BG2J7

Tot Ion:	153	Resp:	35990
Ion	Ratio	Lower	Upper
153	100		
152	49.8	36.4	54.6
154	95.2	71.0	106.4

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#69

Pentachlorophenol

Concen: 19.365 ng/ul

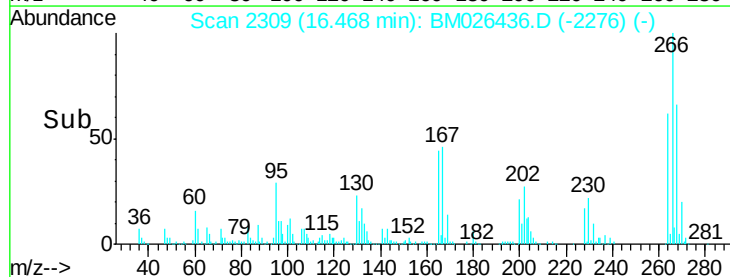
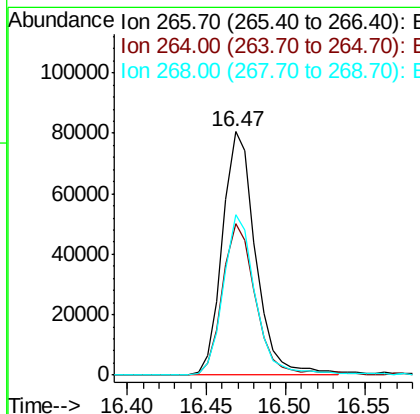
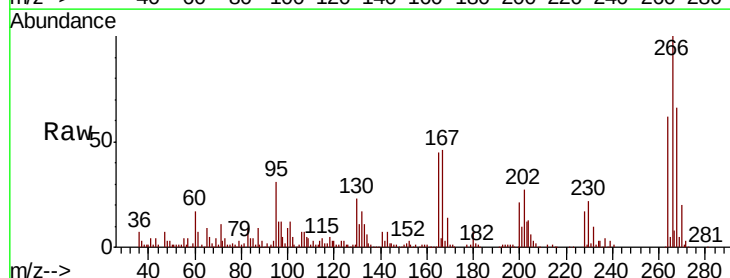
RT: 16.47 min Scan# 2309

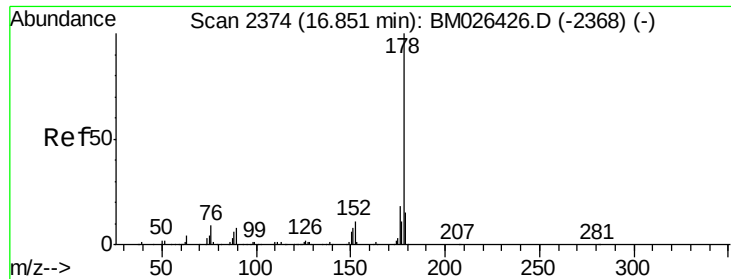
Delta R.T. -0.01 min

Lab File: BM026436.D

Acq: 17 Jun 2020 21:19

Tgt Ion:	266	Resp:	117442
Ion	Ratio	Lower	Upper
266	100		
264	62.1	49.4	74.0
268	65.9	51.8	77.8





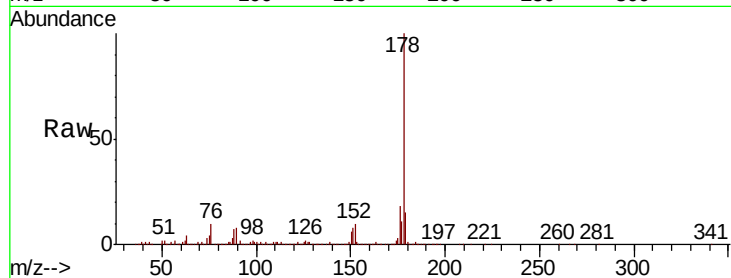
#70
Phenanthrene
Concen: 8.422 ng/ul
RT: 16.85 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM026436.D
Acq: 17 Jun 2020 21:19

Instrument :
BNA_M
ClientSampleId :
BG2J7

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	18.3	15.0	22.4

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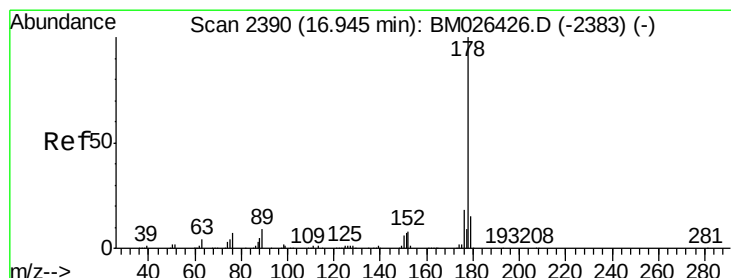
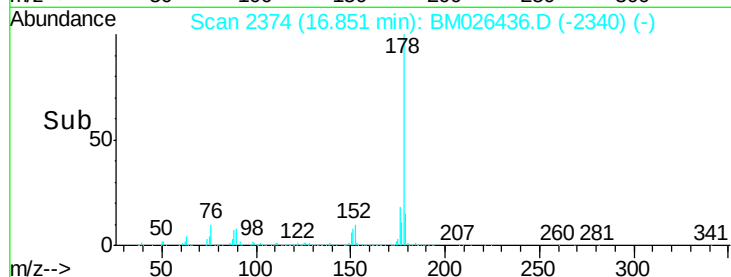
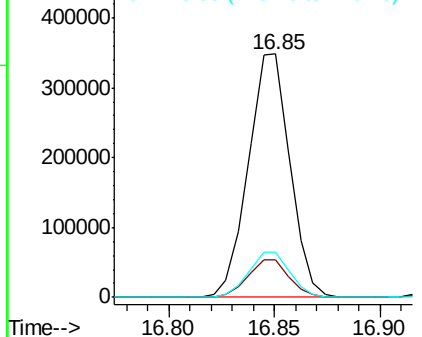


Abundance

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: 1.981 ng/ul
RT: 16.94 min Scan# 2389
Delta R.T. -0.01 min
Lab File: BM026436.D
Acq: 17 Jun 2020 21:19

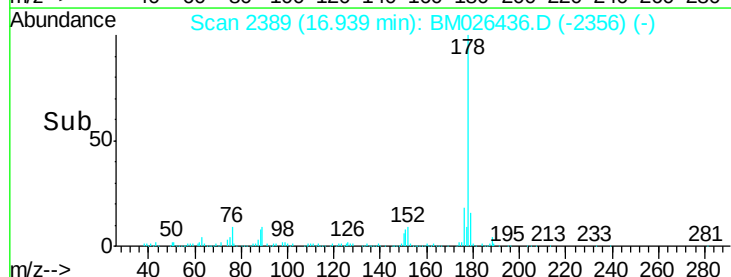
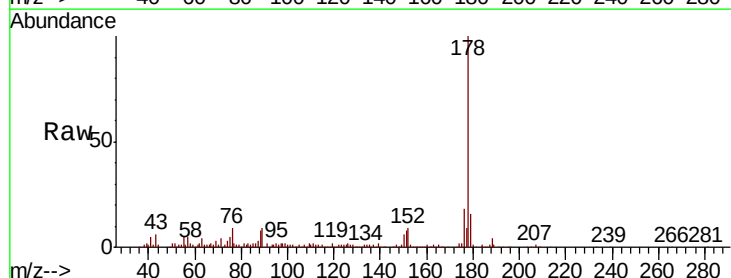
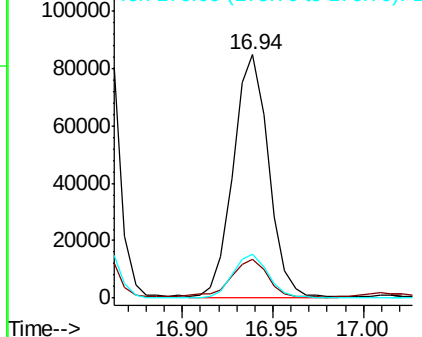
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.4
176	18.1	14.3	21.5

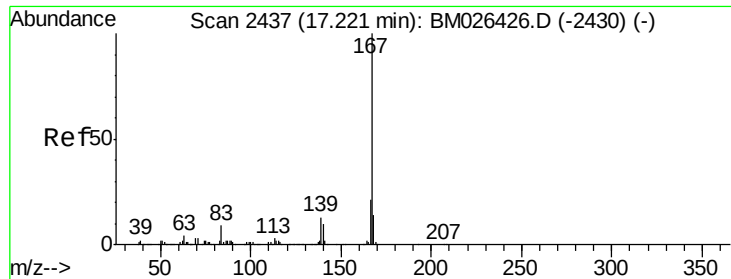
Abundance

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





#75

Carbazole

Concen: 1.326 ng/ul

RT: 17.22 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BM026436.D

Acq: 17 Jun 2020 21:19

Instrument :

BNA_M

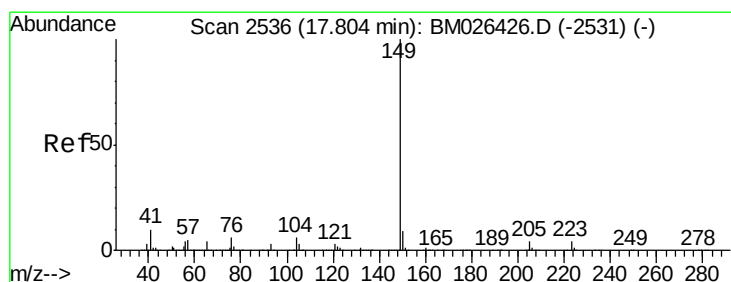
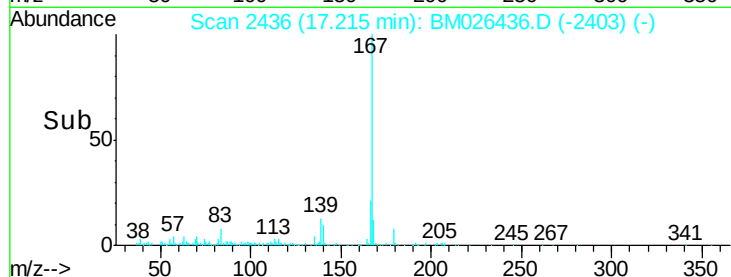
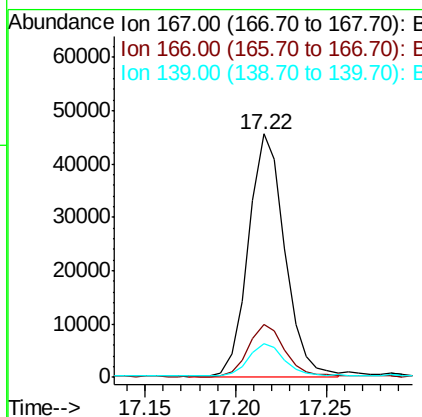
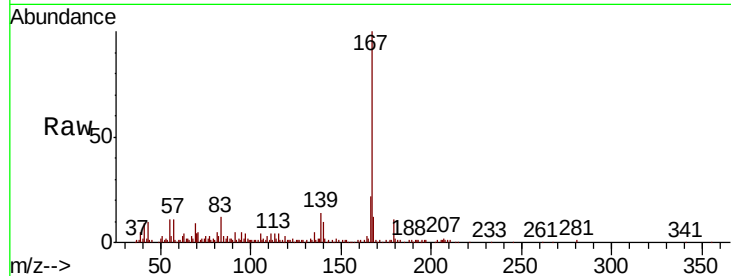
ClientSampleId :

BG2J7

Tot Ion:	167	Resp:	64006
Ion Ratio	Lower	Upper	
167	100		
166	21.5	16.8	25.2
139	14.0	10.5	15.7

Manual Integrations
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#76

Di-n-butylphthalate

Concen: 19.434 ng/ul

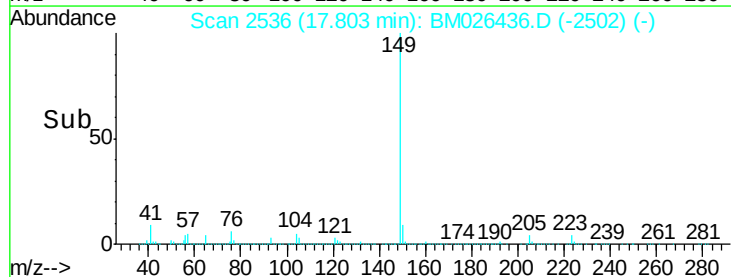
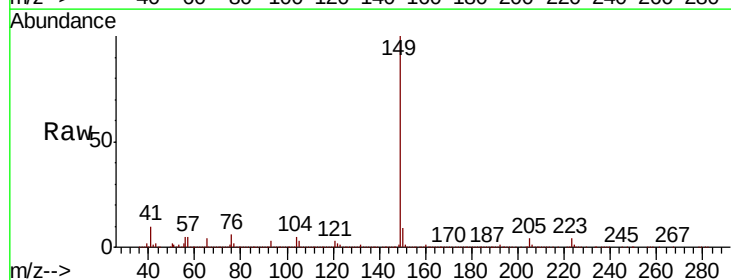
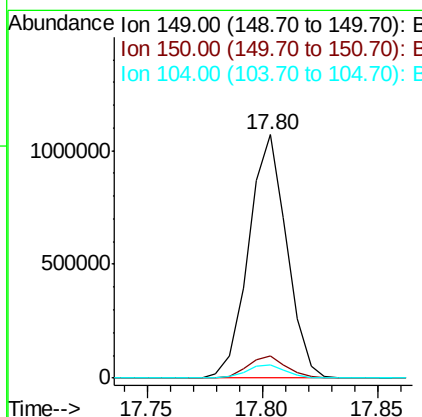
RT: 17.80 min Scan# 2536

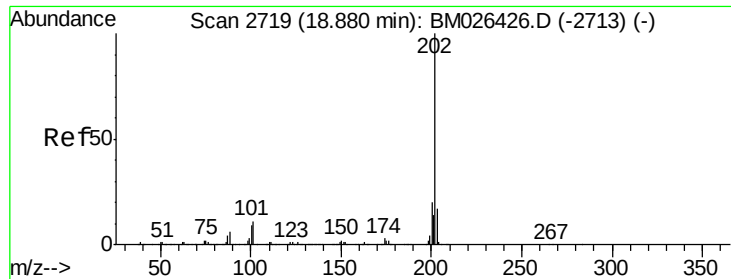
Delta R.T. -0.00 min

Lab File: BM026436.D

Acq: 17 Jun 2020 21:19

Tgt Ion:	149	Resp:	1228150
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.3	10.9
104	5.4	4.2	6.4





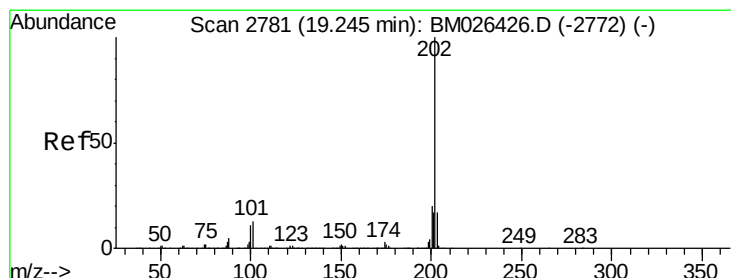
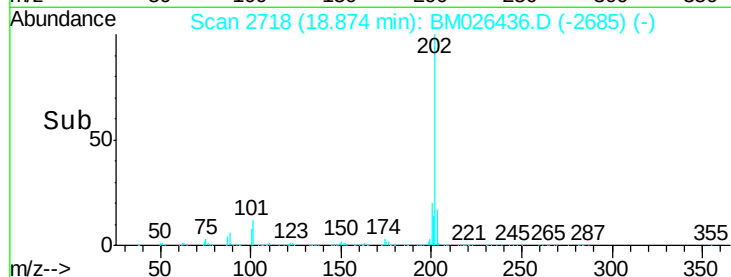
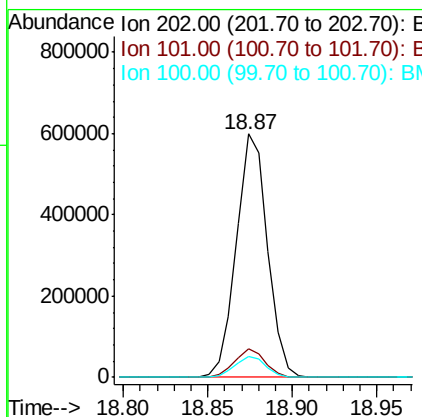
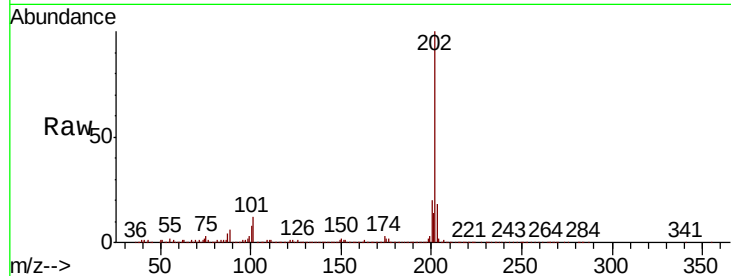
#77
Fluoranthene
 Concen: 12.422 ng/ul
 RT: 18.87 min Scan# 2718
 Delta R.T. -0.01 min
 Lab File: BM026436.D
 Acq: 17 Jun 2020 21:19

Instrument :
 BNA_M
 ClientSampleId :
 BG2J7

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	11.8		8.6	12.8	
100	8.5		6.8	10.2	

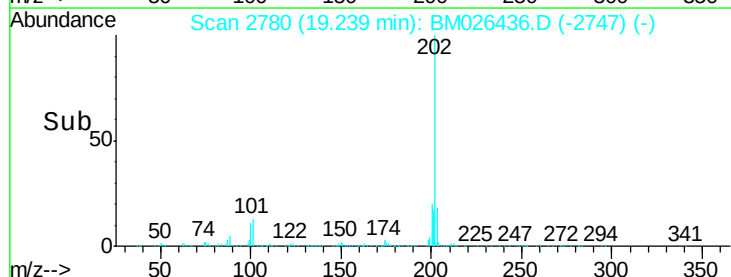
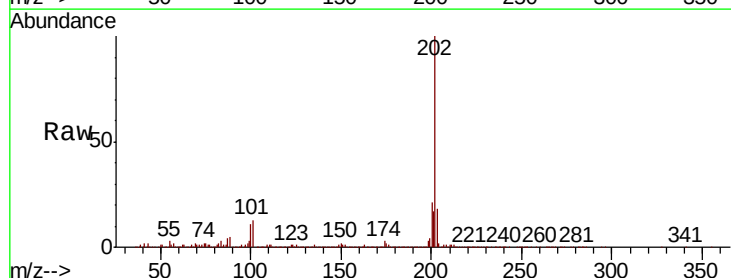
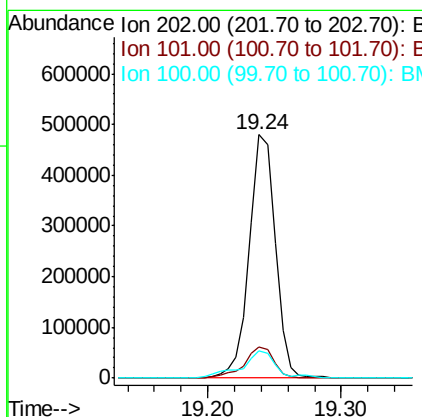
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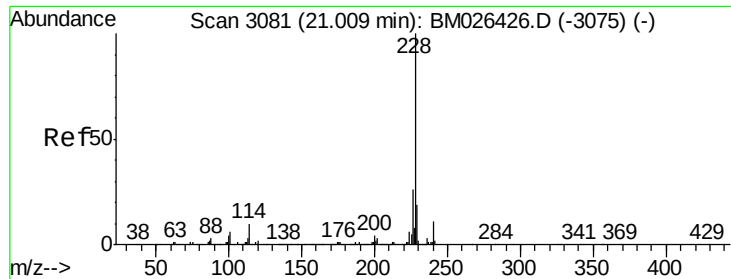
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#80
Pyrene
 Concen: 9.645 ng/ul
 RT: 19.24 min Scan# 2780
 Delta R.T. -0.01 min
 Lab File: BM026436.D
 Acq: 17 Jun 2020 21:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	12.9		10.9	16.3	
100	11.3		9.0	13.6	





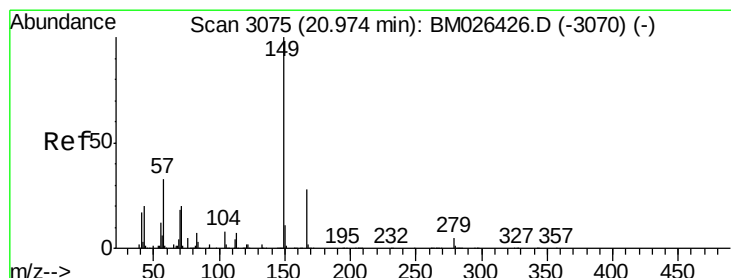
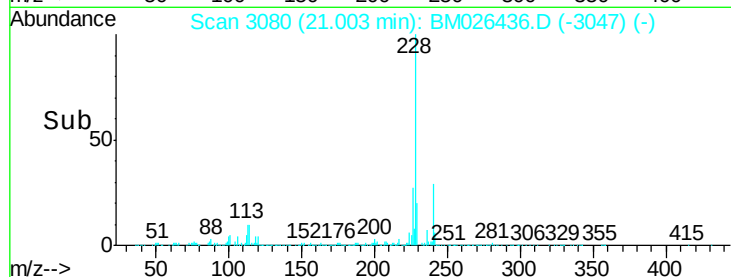
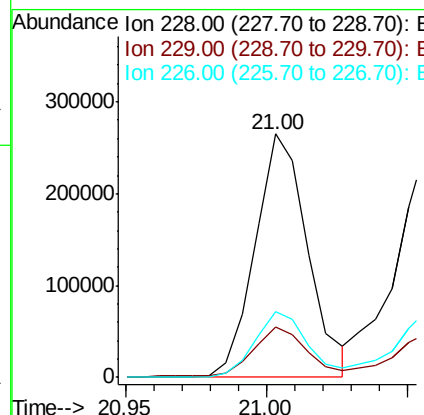
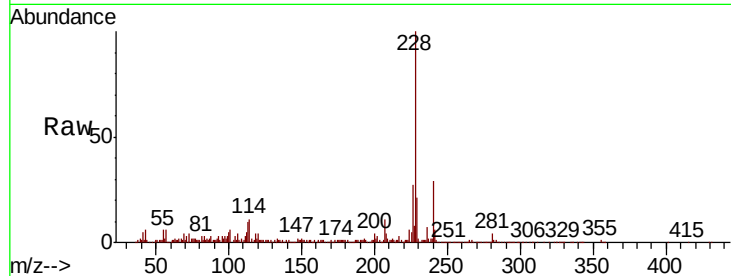
#83
Benzo(a)anthracene
Concen: 5.237 ng/ul
RT: 21.00 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BM026436.D
Acq: 17 Jun 2020 21:19

Instrument :
BNA_M
ClientSampled :
BG2J7

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.4	23.2
226	27.2	21.0	31.4

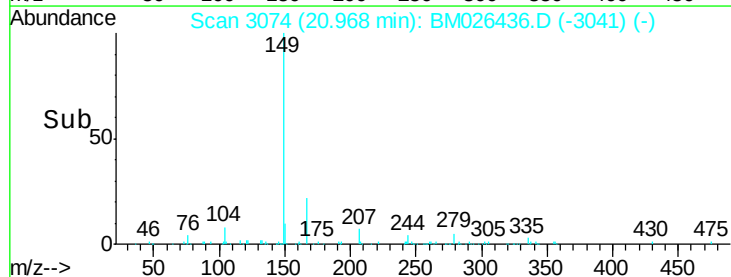
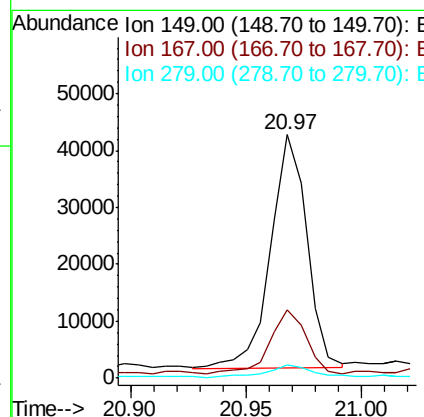
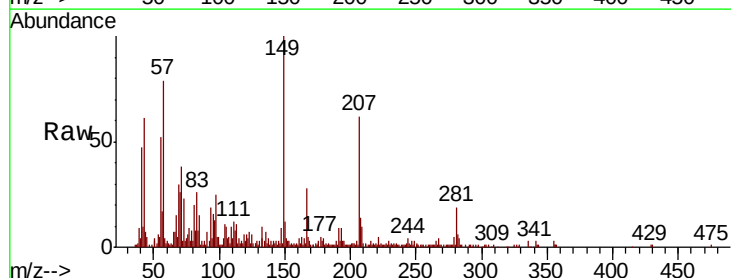
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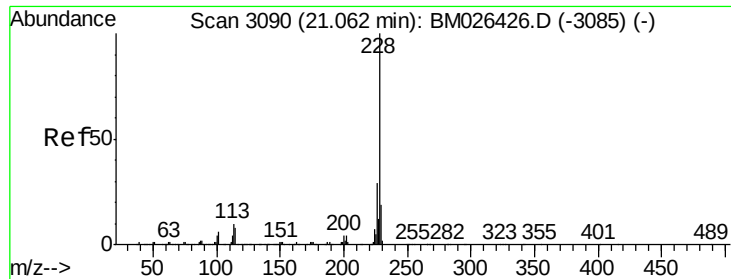
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.035 ng/ul
RT: 20.97 min Scan# 3074
Delta R.T. -0.01 min
Lab File: BM026436.D
Acq: 17 Jun 2020 21:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.5	33.7
279	5.5	4.2	6.2





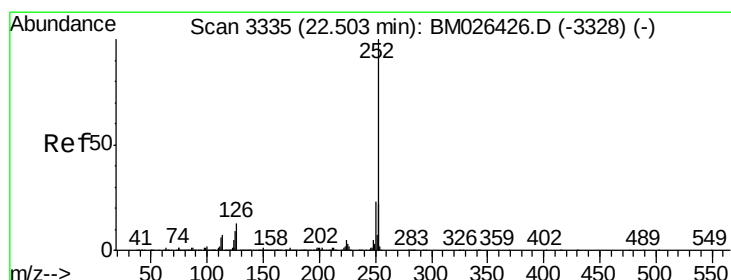
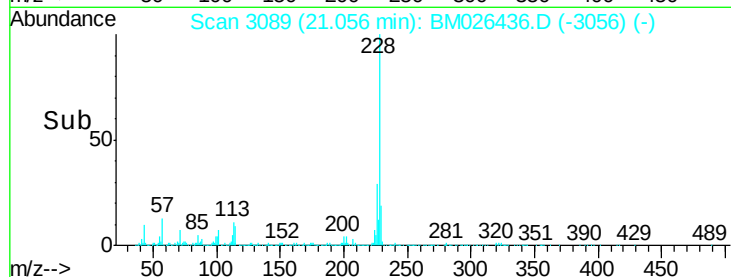
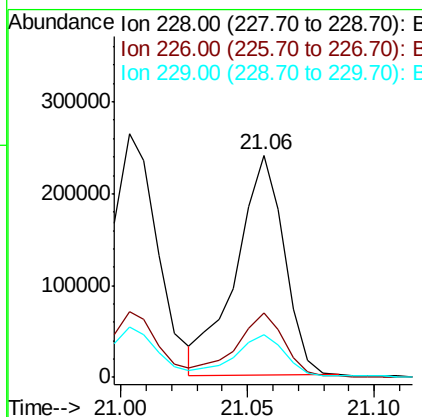
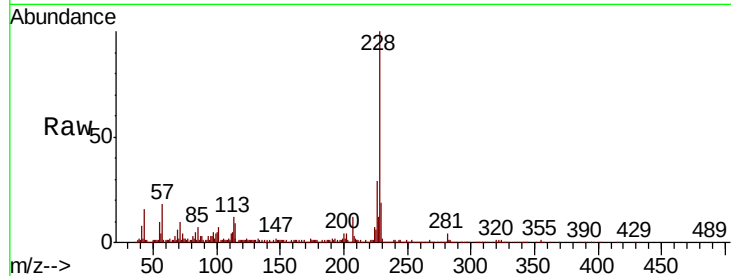
#85
Chrysene
Concen: 5.021 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM026436.D
Acq: 17 Jun 2020 21:19

Instrument :
BNA_M
ClientSampleId :
BG2J7

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.7	35.5
229	19.4	15.5	23.3

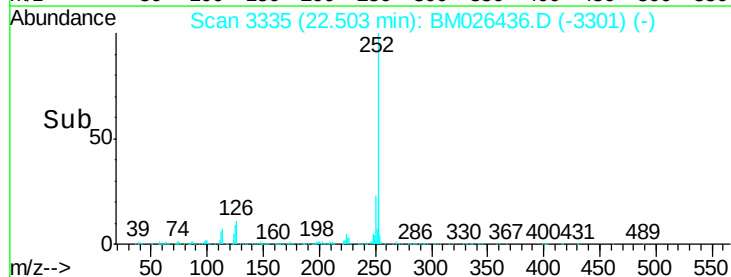
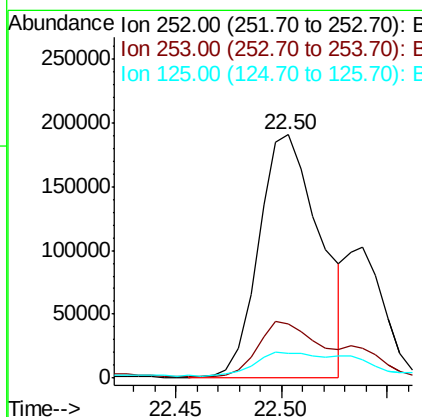
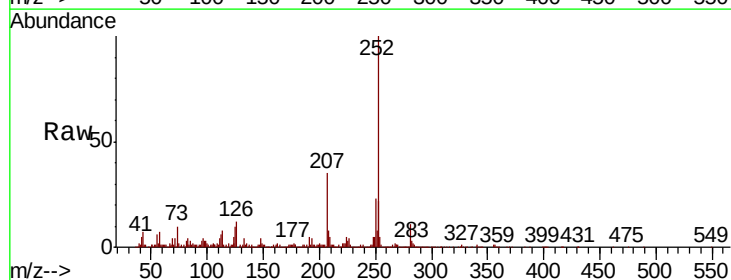
Manual Integrations
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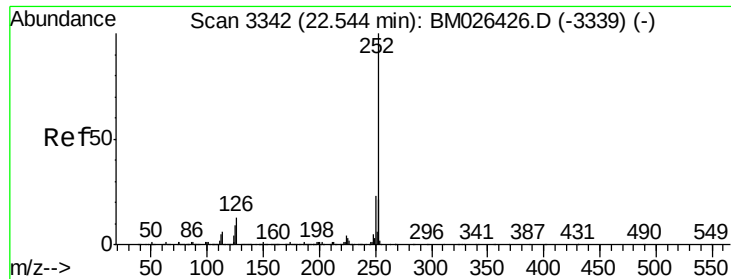
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#88
Benzo(b)fluoranthene
Concen: 6.905 ng/ul
RT: 22.50 min Scan# 3335
Delta R.T. -0.00 min
Lab File: BM026436.D
Acq: 17 Jun 2020 21:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	10.4	7.4	11.2





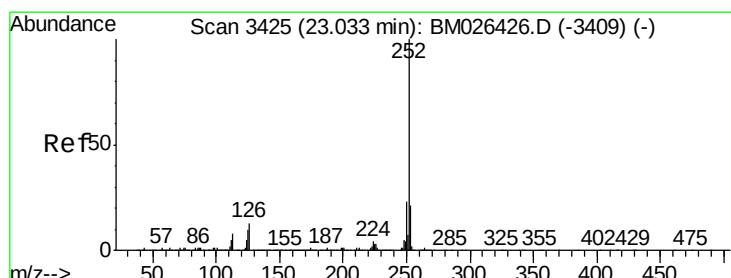
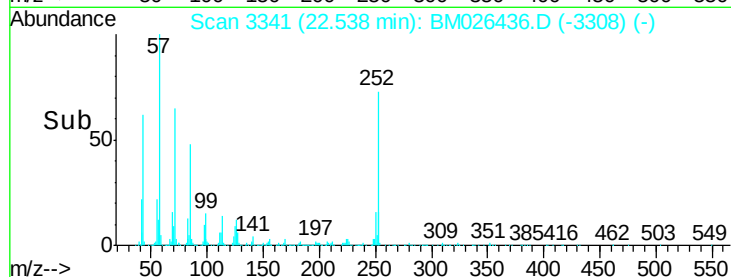
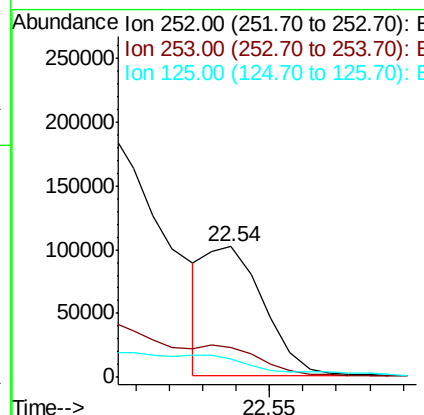
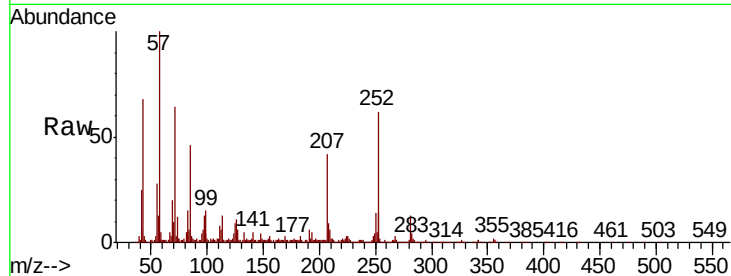
#89
Benzo(k)fluoranthene
Concen: 2.325 ng/ul m
RT: 22.54 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BM026436.D
Acq: 17 Jun 2020 21:19

Instrument :
BNA_M
ClientSampled :
BG2J7

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	14.4	8.2	12.2

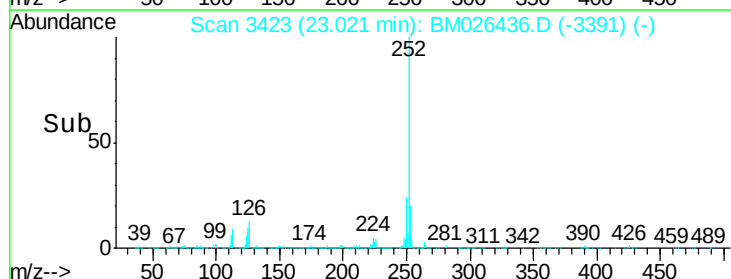
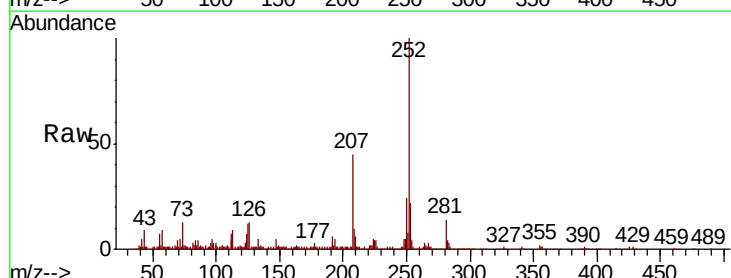
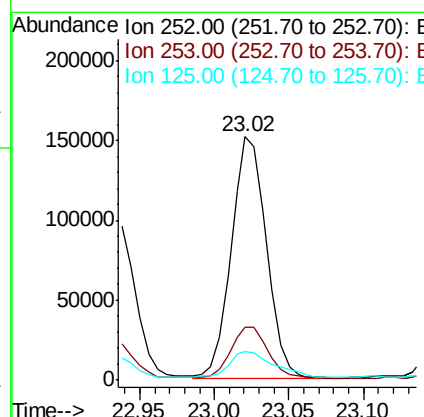
Manual Integrations
APPROVED

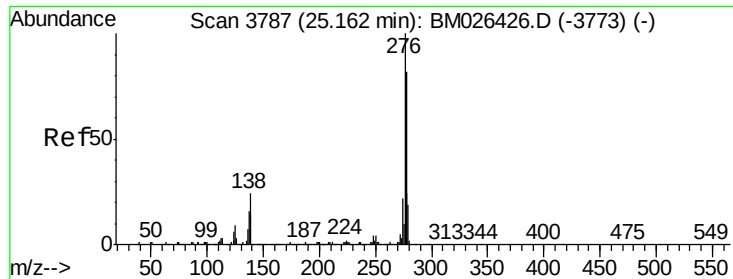
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#91
Benzo(a)pyrene
Concen: 5.093 ng/ul
RT: 23.02 min Scan# 3423
Delta R.T. -0.01 min
Lab File: BM026436.D
Acq: 17 Jun 2020 21:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	11.8	8.7	13.1





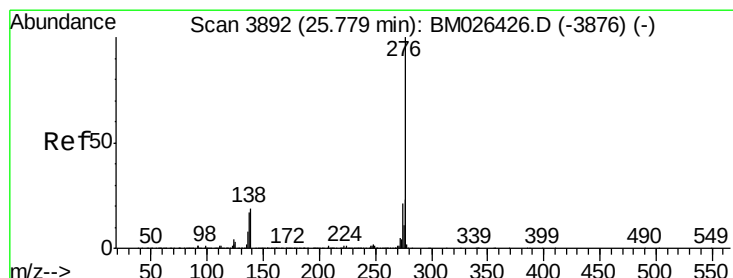
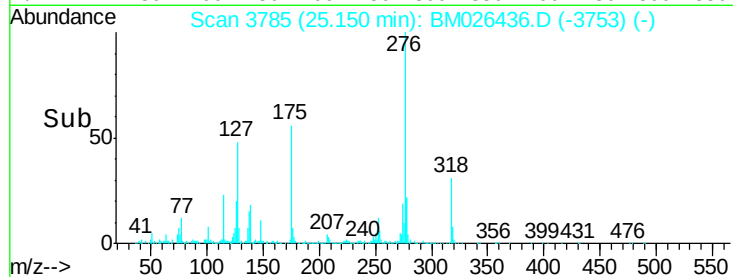
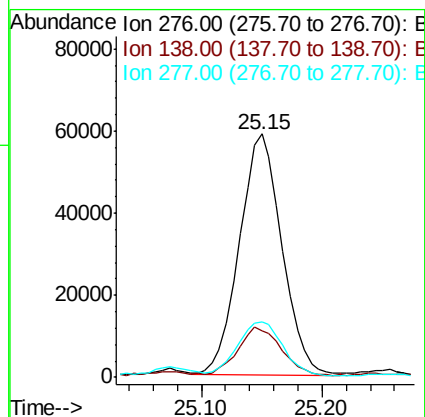
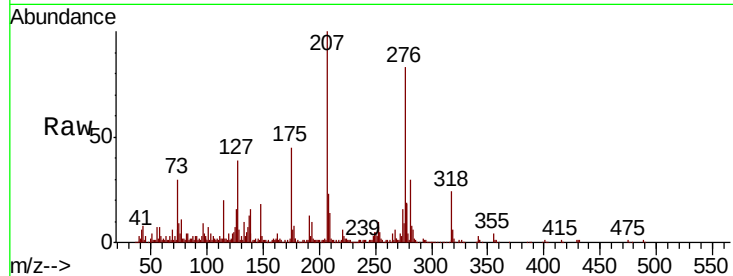
#92
Indeno(1,2,3-cd)pyrene
Concen: 2.265 ng/ul
RT: 25.15 min Scan# 3785
Delta R.T. -0.01 min
Lab File: BM026436.D
Acq: 17 Jun 2020 21:19

Instrument :
BNA_M
ClientSampleId :
BG2J7

Tot Ion:276	Resp:	144378
Ion Ratio	Lower	Upper
276 100		
138 19.0	18.3	27.5
277 22.7	19.3	28.9

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 1.235 ng/ul
RT: 25.77 min Scan# 3891
Delta R.T. -0.01 min
Lab File: BM026436.D
Acq: 17 Jun 2020 21:19

Tgt Ion:276	Resp:	65798
Ion Ratio	Lower	Upper
276 100		
138 19.7	15.8	23.8
277 25.4	19.8	29.8

