

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
 Data File : BM024179.D
 Acq On : 19 Dec 2019 18:11
 Operator : JU
 Sample : K6171-09DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 C0BT1DL

Manual Integrations
 APPROVED

Sohil
 12/20/2019 4:28:32 PM

Quant Time: Dec 20 04:12:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 17 15:54:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	246580	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.20	136	1089601	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.10	164	681143	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.86	188	1404517	20.00	ng/ul	-0.01
78) Chrysene-d12	21.07	240	1327153	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1506193	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.00	96	10102	1.81	ng/uL	0.00
5) Phenol-d5	6.64	99	183660	7.87	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.79	67	137637	9.83	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.97	132	158373	9.51	ng/ul	-0.02
13) 4-Methylphenol-d8	8.16	113	149515	7.83	ng/ul	-0.01
19) Nitrobenzene-d5	8.60	128	74828	9.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	75242	8.74	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.85	165	144268	8.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	152096	7.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	538978	10.70	ng/ul	-0.01
47) Acenaphthylene-d8	13.79	160	612806	10.15	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.37	143	21525m	2.38	ng/ul	0.02
58) Fluorene-d10	15.10	176	476264	10.79	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.26	200	36854	4.30	ng/ul	0.00
71) Anthracene-d10	16.96	188	697494	10.91	ng/ul	-0.01
79) Pyrene-d10	19.27	212	781491	12.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	869325	11.62	ng/ul	-0.01

Target Compounds

					Ovalue
45) Dimethylphthalate	13.57	163	107994	2.063	ng/ul 98
50) Acenaphthene	14.16	153	146939	3.335	ng/ul 100
54) Dibenzofuran	14.51	168	131481	2.147	ng/ul 98
59) Fluorene	15.16	166	246829	4.772	ng/ul 99
70) Phenanthrene	16.90	178	3103572	39.470	ng/ul 99
72) Anthracene	16.99	178	875885	11.080	ng/ul 100
75) Carbazole	17.27	167	129463	1.906	ng/ul 98
77) Fluoranthene	18.93	202	4642689	54.172	ng/ul 98
80) Pyrene	19.30	202	3768584	43.496	ng/ul 99
83) Benzo(a)anthracene	21.06	228	1622166	19.184	ng/ul 99
85) Chrysene	21.11	228	1373415	16.571	ng/ul 98
88) Benzo(b)fluoranthene	22.58	252	1722862	19.117	ng/ul 97
89) Benzo(k)fluoranthene	22.61	252	614934m	6.954	ng/ul
91) Benzo(a)pyrene	23.11	252	1281947	15.724	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.30	276	791690	8.087	ng/ul 96
93) Dibenz(a,h)anthracene	25.31	278	175539m	2.139	ng/ul
94) Benzo(g,h,i)perylene	25.94	276	730682	9.141	ng/ul 97

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

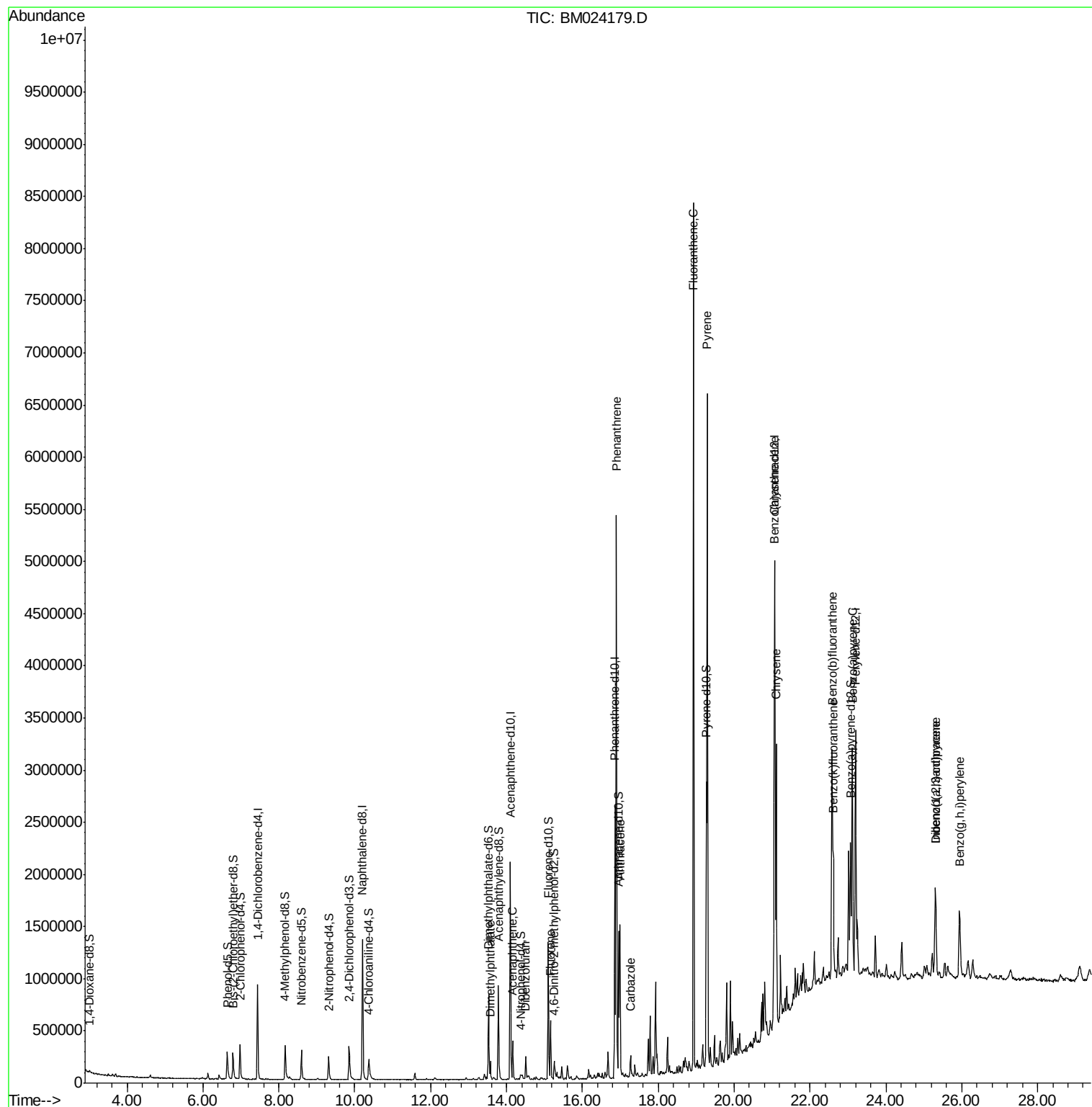
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
Data File : BM024179.D
Acq On : 19 Dec 2019 18:11
Operator : JU
Sample : K6171-09DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

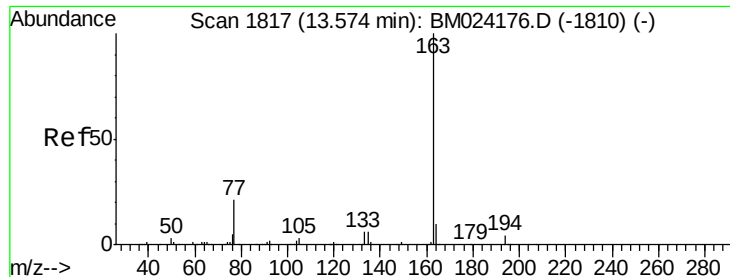
Instrument :
BNA_M
ClientSampleId :
C0BT1DL

Manual Integrations
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Quant Time: Dec 20 04:12:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 17 15:54:50 2019
Response via : Initial Calibration





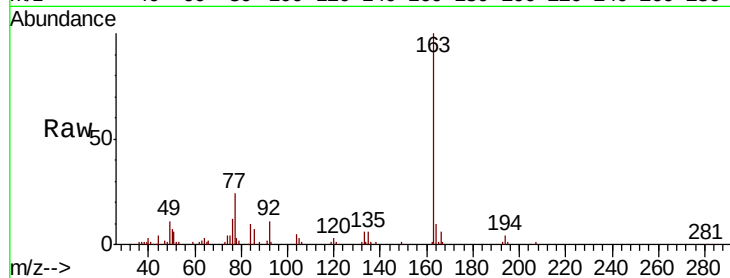
#45
Dimethylphthalate
Concen: 2.063 ng/ul
RT: 13.57 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM024179.D
Acq: 19 Dec 2019 18:11

Instrument :
BNA_M
ClientSampleID :
C0BT1DL

Tot Ion	Ratio	Resp	Lower	Upper
163	100	107994		
194	3.7		3.2	4.8
164	10.4		7.8	11.6

Manual Integrations
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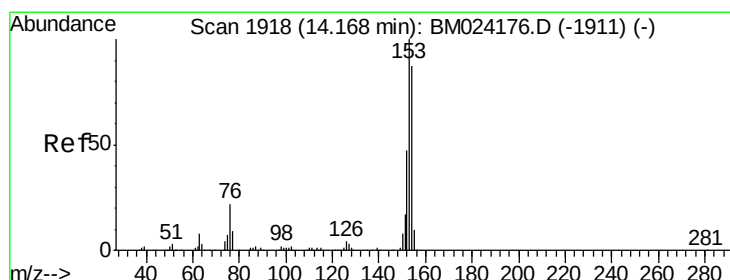
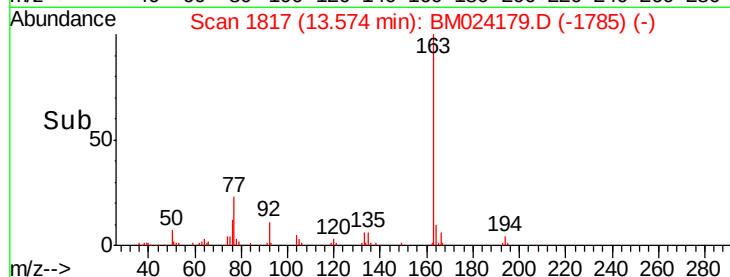
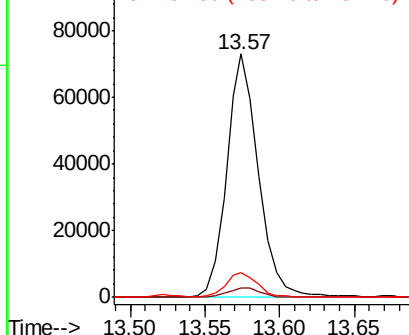


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
Acenaphthene
Concen: 3.335 ng/ul
RT: 14.16 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BM024179.D
Acq: 19 Dec 2019 18:11

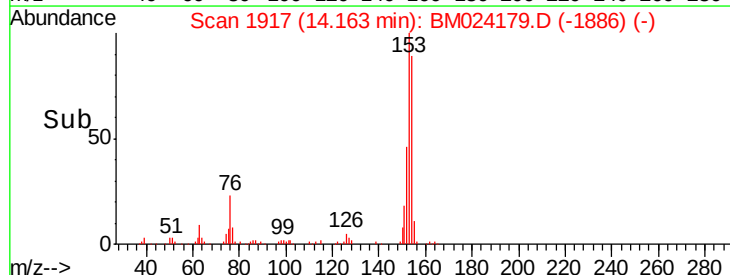
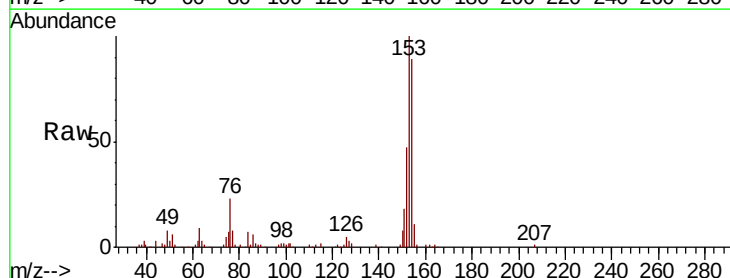
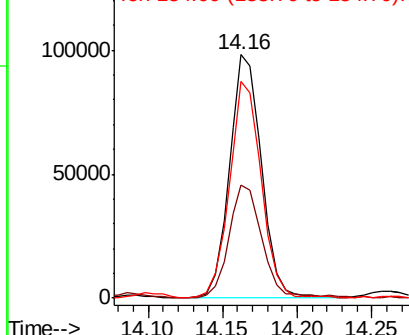
Tgt Ion	Ratio	Resp	Lower	Upper
153	100	146939		
152	46.5		37.8	56.6
154	89.0		71.1	106.7

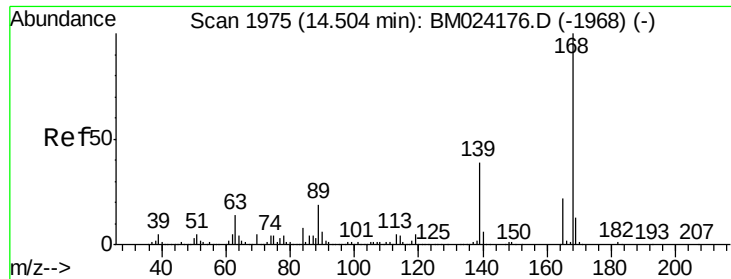
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





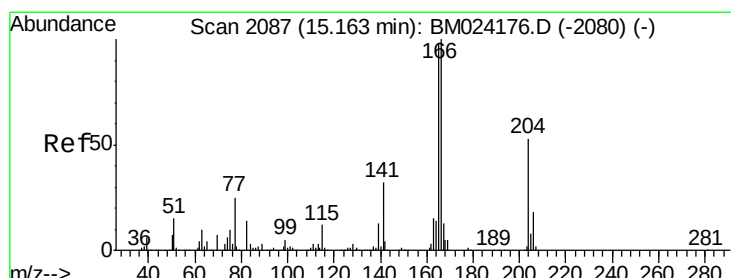
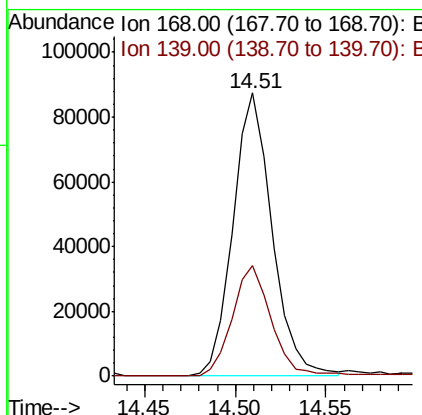
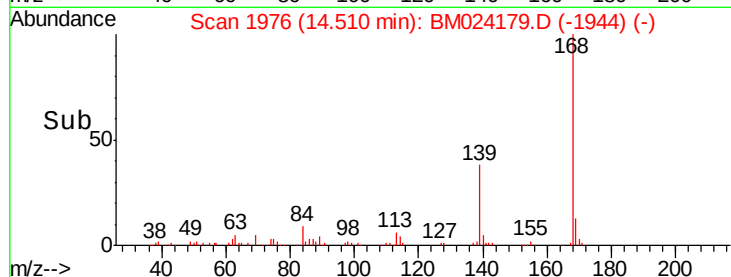
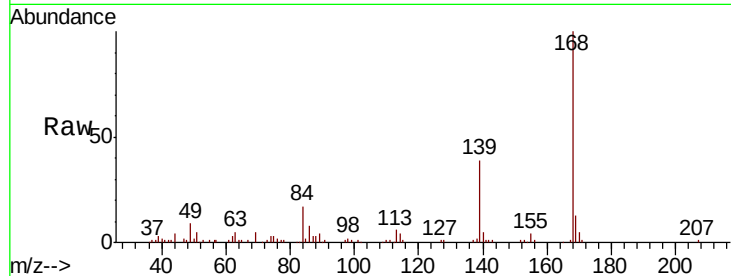
#54
Dibenzofuran
Concen: 2.147 ng/ul
RT: 14.51 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM024179.D
Acq: 19 Dec 2019 18:11

Instrument :
BNA_M
ClientSampleID :
C0BT1DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.4	45.6

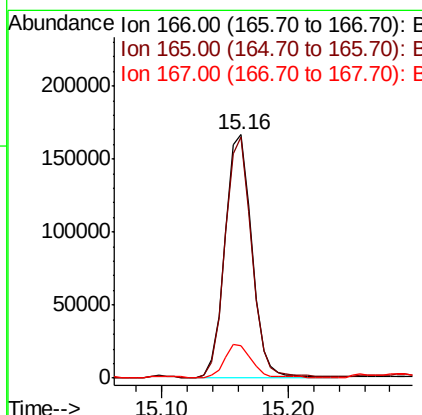
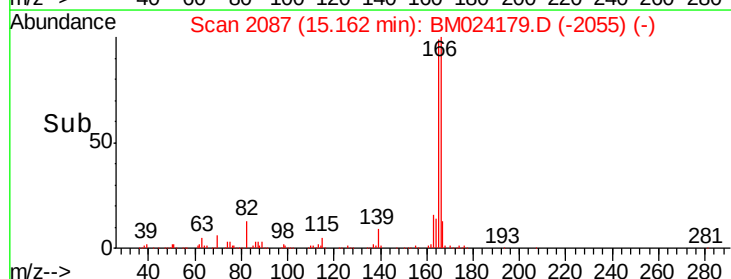
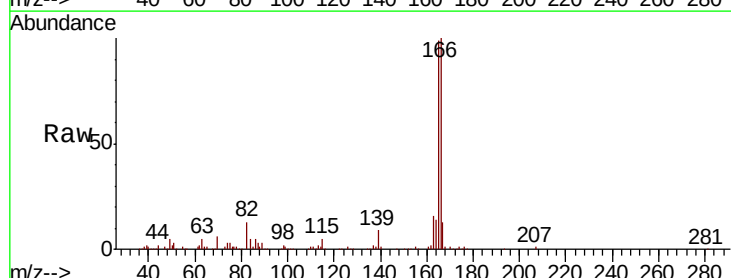
Manual Integrations
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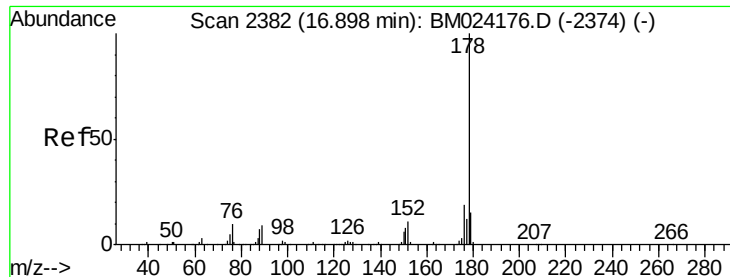
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#59
Fluorene
Concen: 4.772 ng/ul
RT: 15.16 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BM024179.D
Acq: 19 Dec 2019 18:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.3	117.5
167	13.5	10.4	15.6





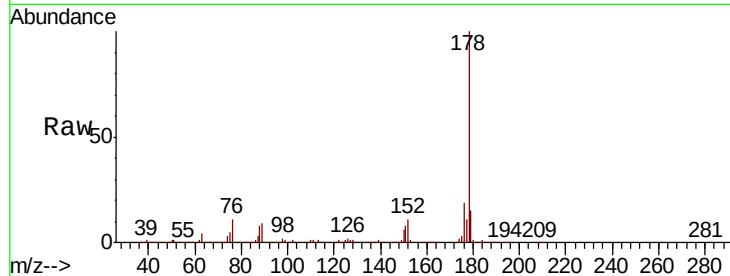
#70
Phenanthrene
Concen: 39.470 ng/ul
RT: 16.90 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM024179.D
Acq: 19 Dec 2019 18:11

Instrument :
BNA_M
ClientSampleId :
C0BT1DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	18.8	15.1	22.7

Manual Integrations
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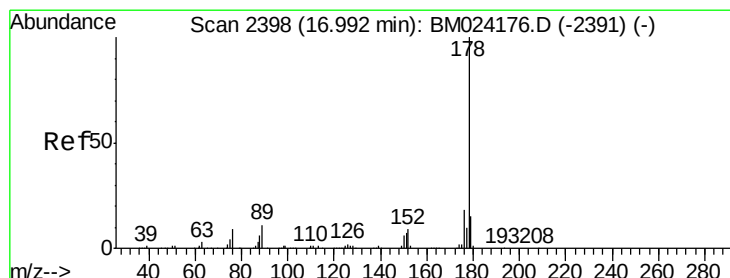
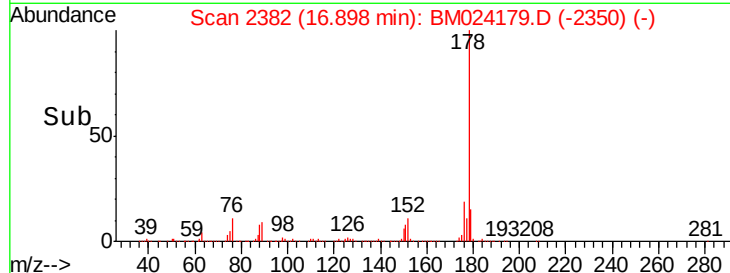
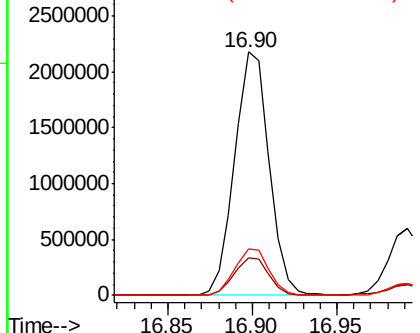


Abundance

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: 11.080 ng/ul
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM024179.D
Acq: 19 Dec 2019 18:11

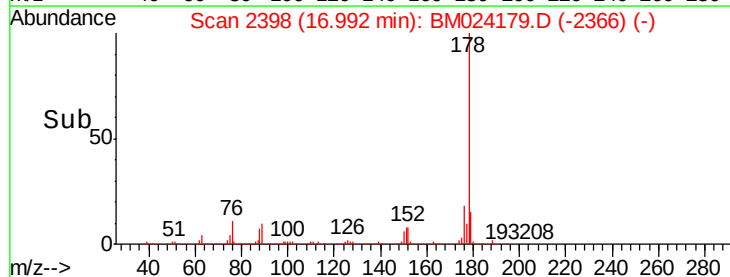
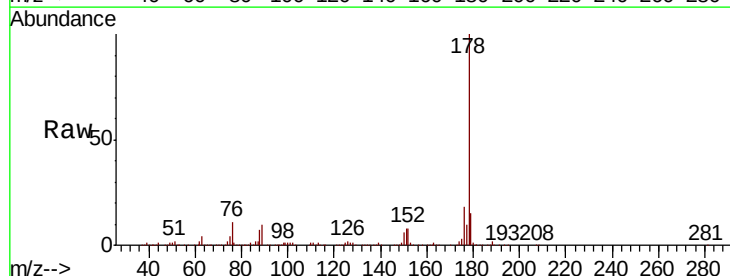
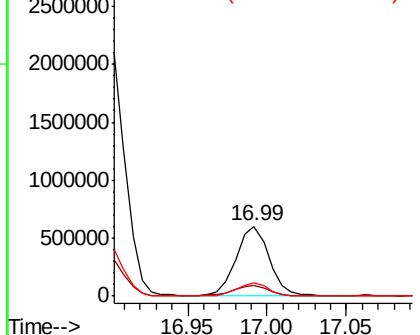
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.4	14.7	22.1

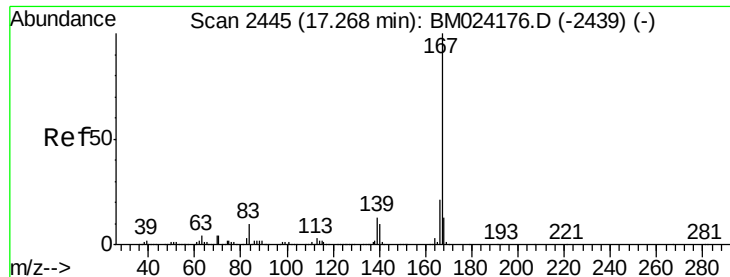
Abundance

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





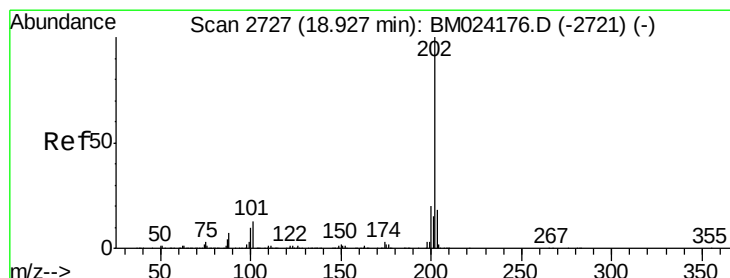
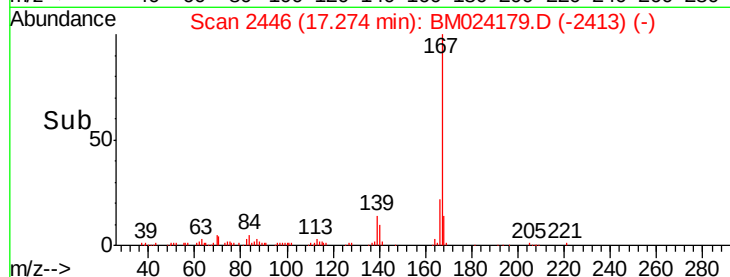
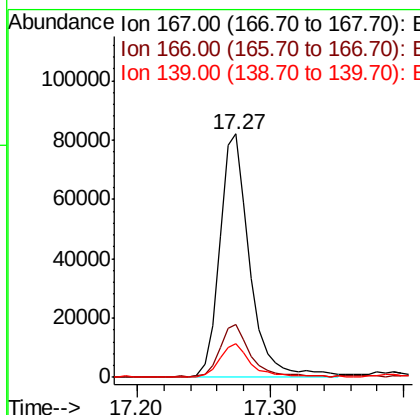
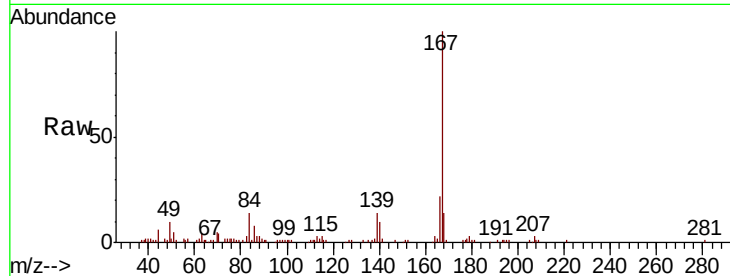
#75
 Carbazole
 Concen: 1.906 ng/ul
 RT: 17.27 min Scan# 2446
 Delta R.T. -0.01 min
 Lab File: BM024179.D
 Acq: 19 Dec 2019 18:11

Instrument :
 BNA_M
 ClientSampleId :
 C0BT1DL

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.0	25.6
139	13.7	10.3	15.5

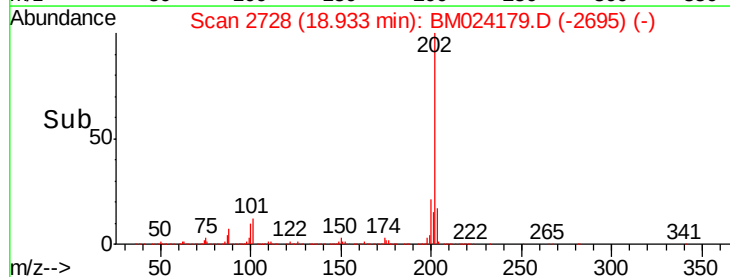
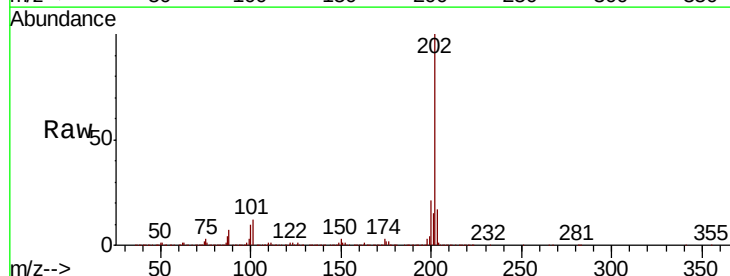
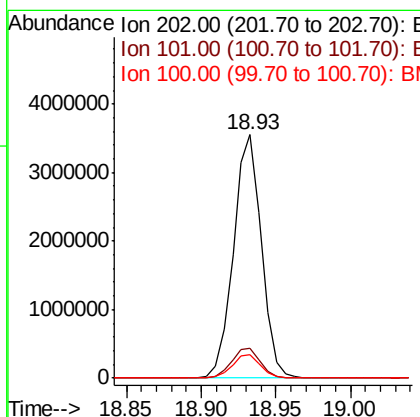
Manual Integrations
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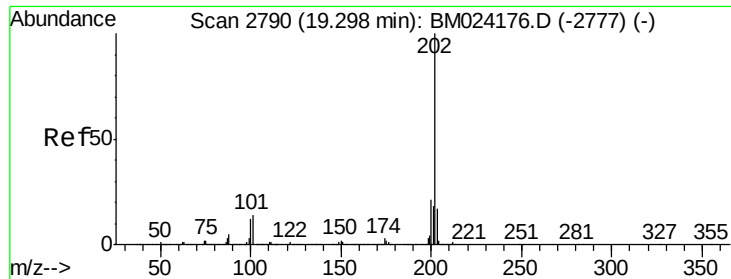
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#77
 Fluoranthene
 Concen: 54.172 ng/ul
 RT: 18.93 min Scan# 2728
 Delta R.T. -0.01 min
 Lab File: BM024179.D
 Acq: 19 Dec 2019 18:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.6	15.8
100	9.6	8.1	12.1





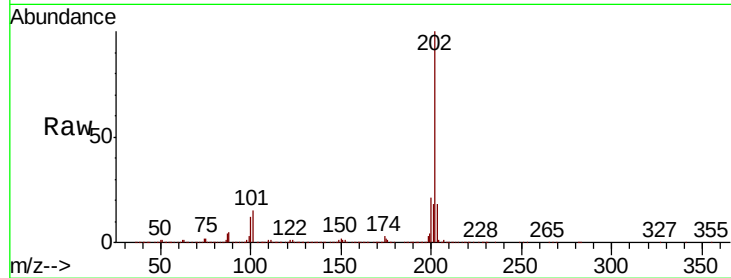
#80
Pvrene
Concen: 43.496 ng/ul
RT: 19.30 min Scan# 2790
Delta R.T. -0.01 min
Lab File: BM024179.D
Acq: 19 Dec 2019 18:11

Instrument :
BNA_M
ClientSampleId :
C0BT1DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.7	12.2	18.4
100	11.9	10.0	15.0

Manual Integrations
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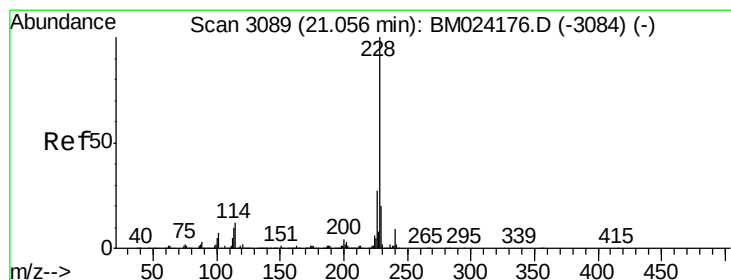
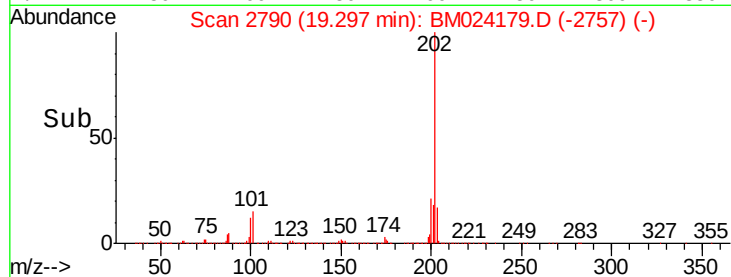
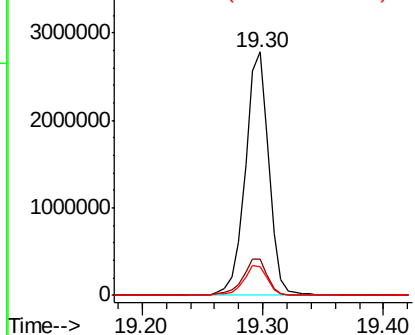


Abundance

Ion 202.00 (201.70 to 202.70): E

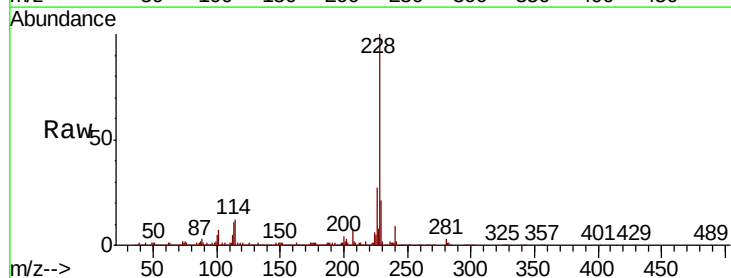
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#83
Benzo(a)anthracene
Concen: 19.184 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM024179.D
Acq: 19 Dec 2019 18:11

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.8
226	27.2	22.2	33.2

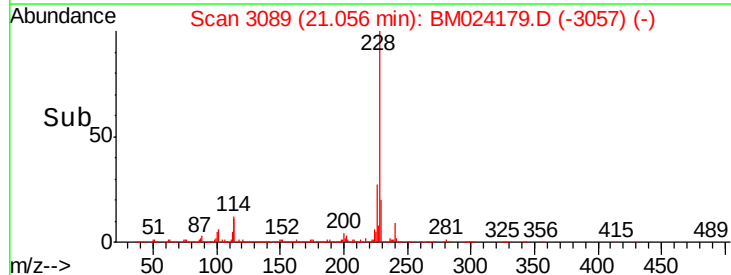
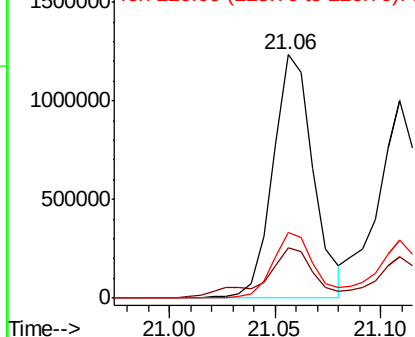


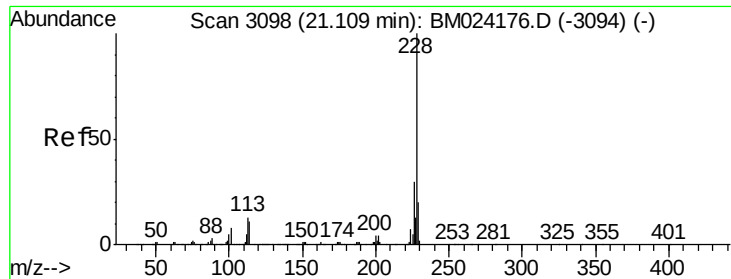
Abundance

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





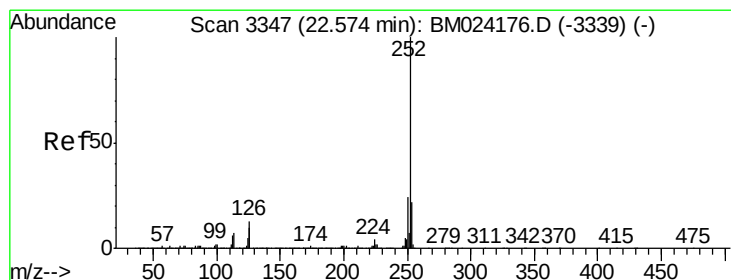
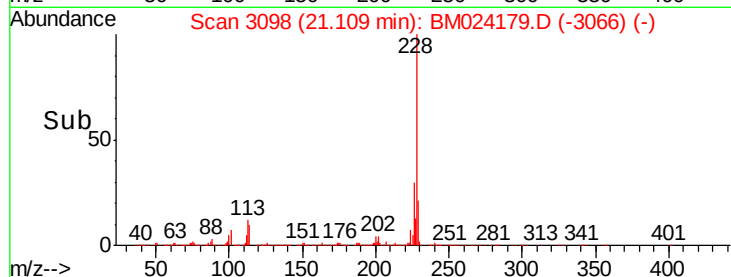
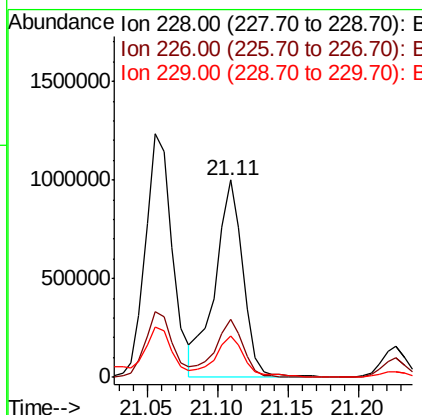
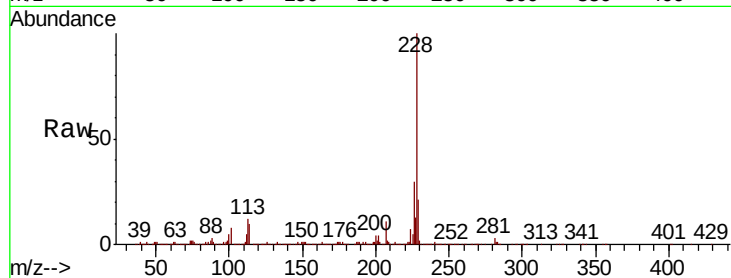
#85
Chrysene
Concen: 16.571 ng/ul
RT: 21.11 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM024179.D
Acq: 19 Dec 2019 18:11

Instrument :
BNA_M
ClientSampleId :
C0BT1DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	21.3	15.4	23.2

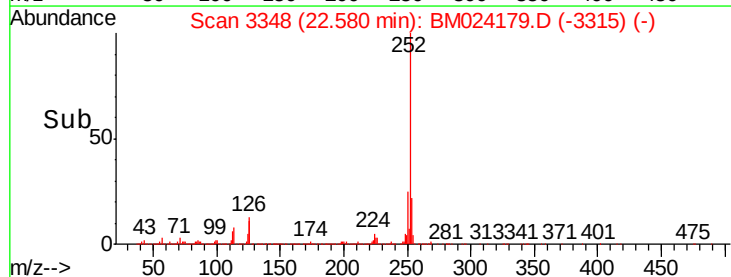
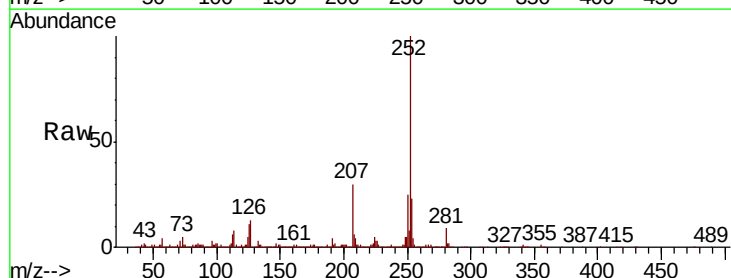
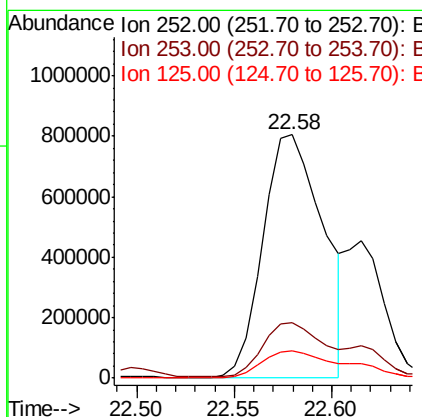
Manual Integrations
APPROVED

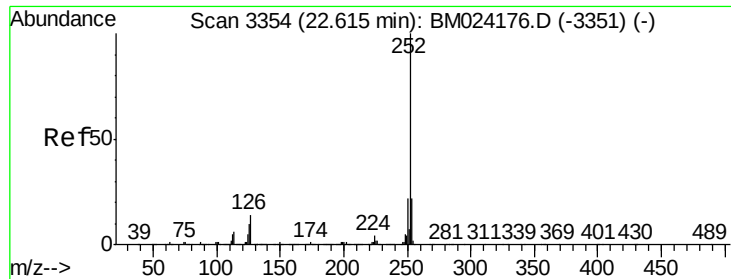
Sohil
12/20/2019 4:28:32 PM



#88
Benzo(b)fluoranthene
Concen: 19.117 ng/ul
RT: 22.58 min Scan# 3348
Delta R.T. -0.01 min
Lab File: BM024179.D
Acq: 19 Dec 2019 18:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	11.3	7.8	11.8





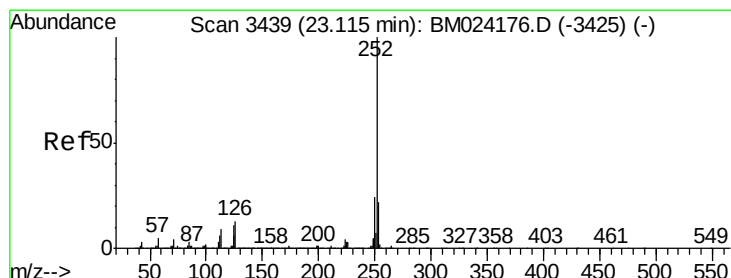
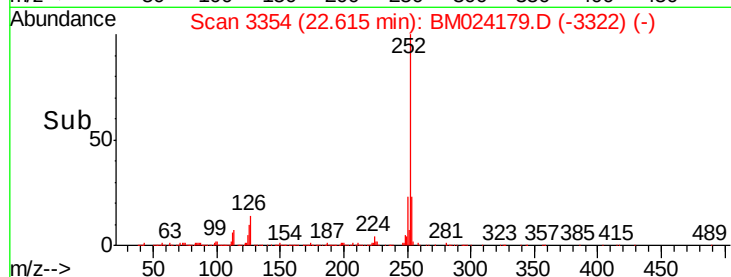
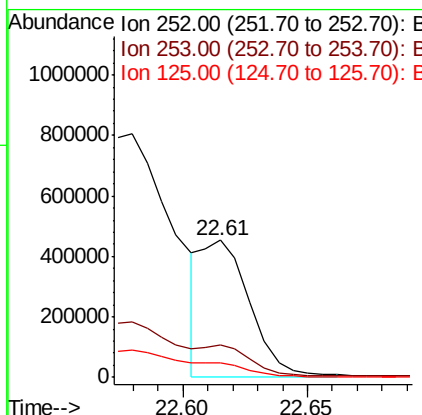
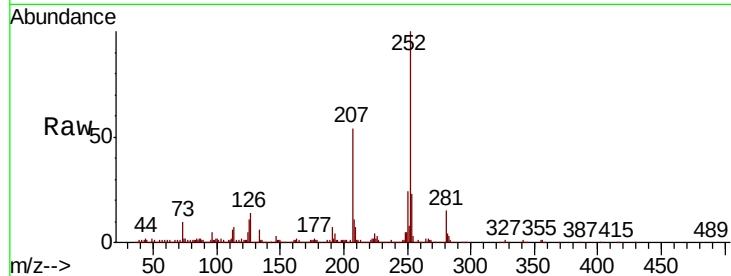
#89
Benzo(k)fluoranthene
Concen: 6.954 ng/ul m
RT: 22.61 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BM024179.D
Acq: 19 Dec 2019 18:11

Instrument :
BNA_M
ClientSampled :
C0BT1DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	10.7	7.9	11.9

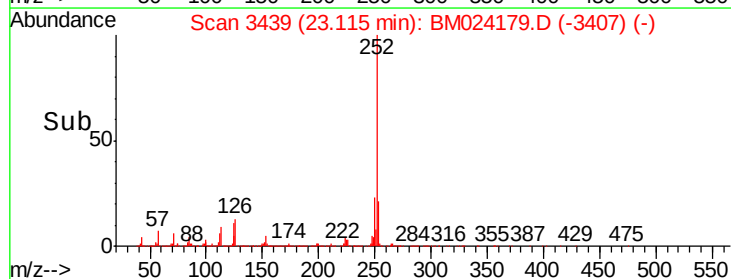
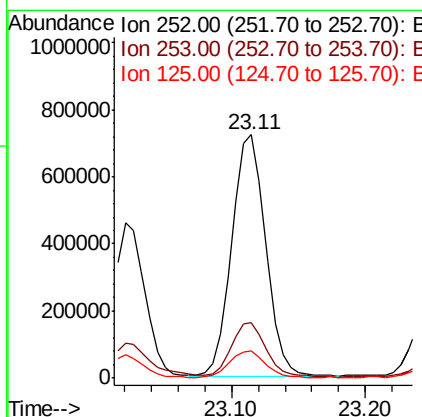
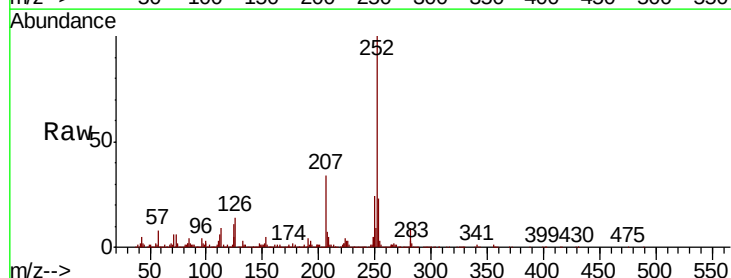
Manual Integrations
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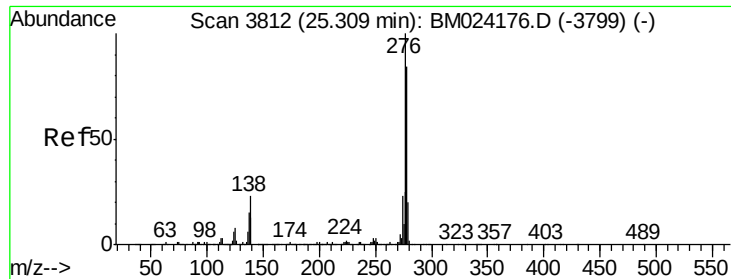
Sohil
12/20/2019 4:28:32 PM



#91
Benzo(a)pyrene
Concen: 15.724 ng/ul
RT: 23.11 min Scan# 3439
Delta R.T. -0.01 min
Lab File: BM024179.D
Acq: 19 Dec 2019 18:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	11.2	8.2	12.4





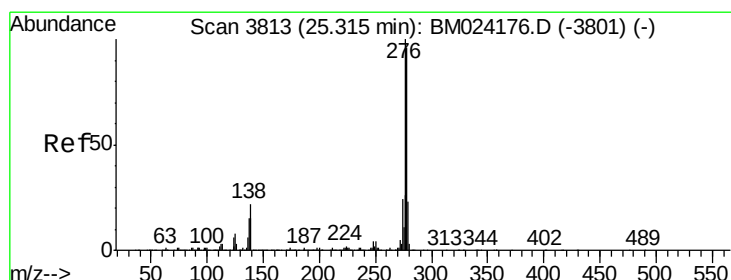
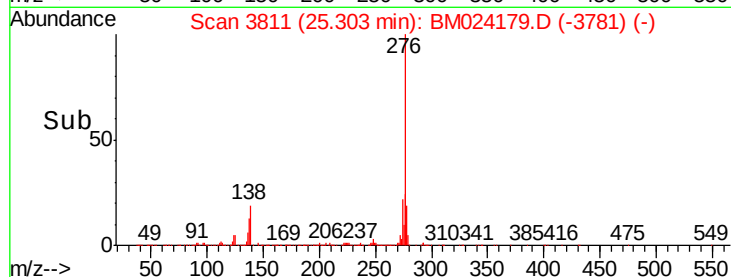
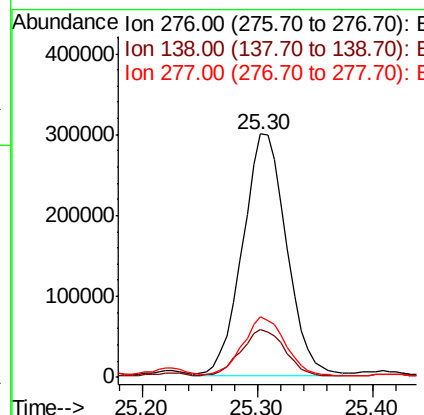
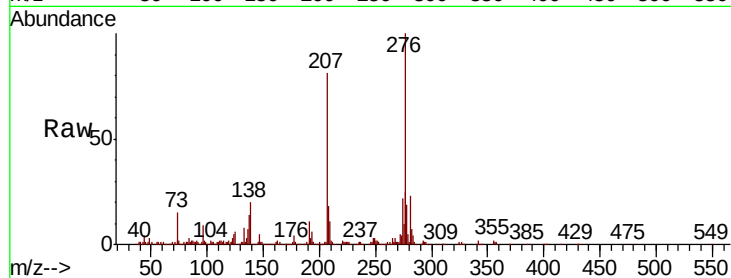
#92
Indeno(1,2,3-cd)pyrene
Concen: 8.087 ng/ul
RT: 25.30 min Scan# 3811
Delta R.T. -0.02 min
Lab File: BM024179.D
Acq: 19 Dec 2019 18:11

Instrument :
BNA_M
ClientSampleId :
C0BT1DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.7	18.3	27.5
277	24.8	20.2	30.2

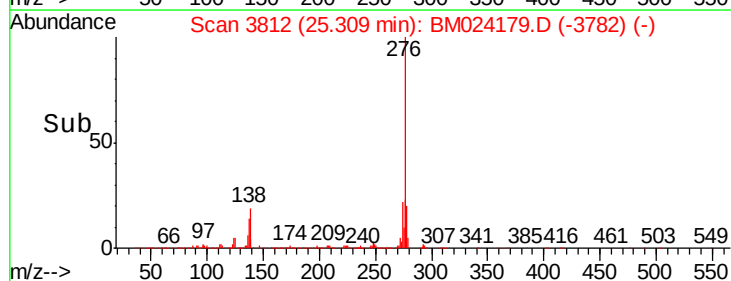
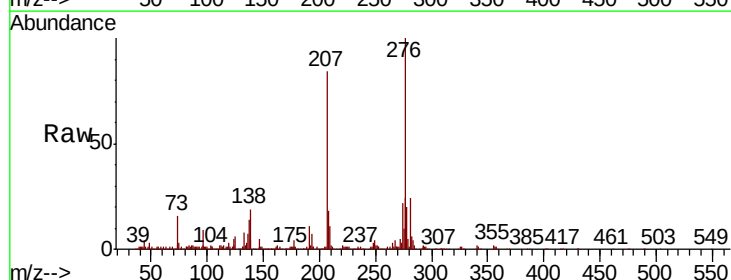
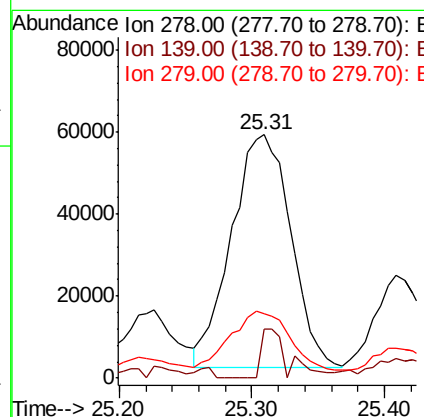
Manual Integrations
APPROVED

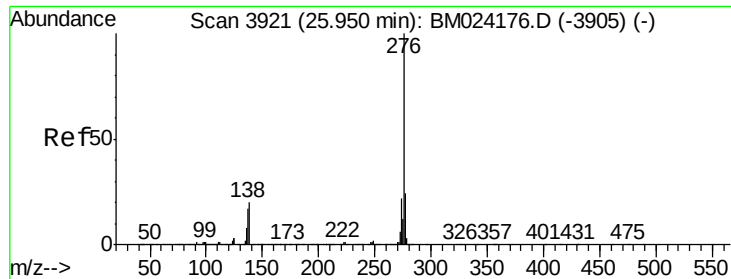
Sohil
12/20/2019 4:28:32 PM



#93
Dibenzo(a,h)anthracene
Concen: 2.139 ng/ul m
RT: 25.31 min Scan# 3812
Delta R.T. -0.02 min
Lab File: BM024179.D
Acq: 19 Dec 2019 18:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	11.5	17.3#
279	26.6	18.9	28.3





#94
 Benzo(a,h,i)perylene
 Concen: 9.141 ng/ul
 RT: 25.94 min Scan# 3920
 Delta R.T. -0.02 min
 Lab File: BM024179.D
 Acq: 19 Dec 2019 18:11

Instrument :
 BNA_M
 ClientSampleId :
 C0BT1DL

Tot Ion:	276	Resp:	730682
Ion Ratio	Lower	Upper	
276	100		
138	20.9	15.3	22.9
277	25.3	19.3	28.9

Manual Integrations
 APPROVED

Sohil
 12/20/2019 4:28:32 PM

