

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
 Data File : BN010534.D
 Acq On : 17 Apr 2020 01:52
 Operator : CG/JU
 Sample : L2191-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB7B8

Manual Integrations
 APPROVED

mohammad
 4/17/2020 1:52:28 PM

Quant Time: Apr 17 02:51:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 16 10:21:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	488644	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2147362	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	1384337	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	3118480	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	3089463	20.00	ng/ul	-0.01
86) Perylene-d12	23.34	264	2852076	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	64836	6.94	ng/uL	0.00
5) Phenol-d5	6.78	99	1470916	38.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	760428	38.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	1262671	38.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	1180631	36.29	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	635100	38.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	732996	39.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	1326848	36.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	1464049	35.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	4128111	40.19	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	4970481	39.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	765352	38.27	ng/ul	0.00
58) Fluorene-d10	15.22	176	3656222	39.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	607459	37.29	ng/ul	0.00
71) Anthracene-d10	17.07	188	5638536	39.04	ng/ul	0.00
79) Pyrene-d10	19.37	212	6773848	38.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	6022828	40.71	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	13.69	163	855971	8.027	ng/ul	99
70) Phenanthrene	17.01	178	1610554	9.300	ng/ul	99
72) Anthracene	17.10	178	333365	1.899	ng/ul	97
75) Carbazole	17.37	167	152855	1.060	ng/ul	97
77) Fluoranthene	19.03	202	2756802	14.651	ng/ul	97
80) Pyrene	19.40	202	2460258	11.021	ng/ul	98
83) Benzo(a)anthracene	21.16	228	1345530	6.278	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.12	149	175312	1.261	ng/ul	97
85) Chrysene	21.21	228	1399219	6.943	ng/ul	97
88) Benzo(b)fluoranthene	22.70	252	1721557	9.250	ng/ul	96
89) Benzo(k)fluoranthene	22.73	252	566535m	3.068	ng/ul	
91) Benzo(a)pyrene	23.25	252	1036232	6.267	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.48	276	707189	3.800	ng/ul	97
93) Dibenzo(a,h)anthracene	25.48	278	191024	1.222	ng/ul#	89
94) Benzo(g,h,i)perylene	26.13	276	489972	3.181	ng/ul	96

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

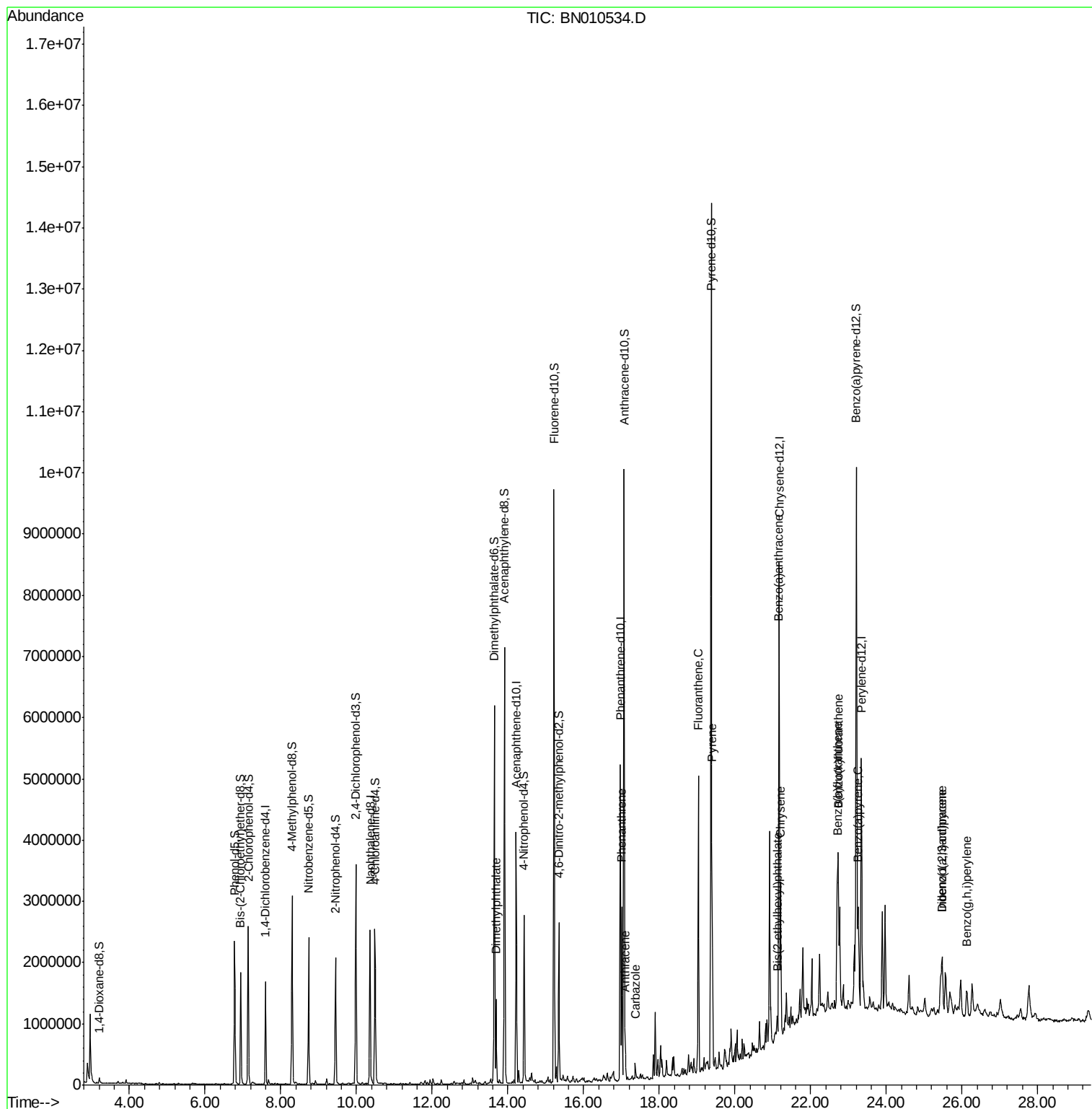
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010534.D
Acq On : 17 Apr 2020 01:52
Operator : CG/JU
Sample : L2191-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

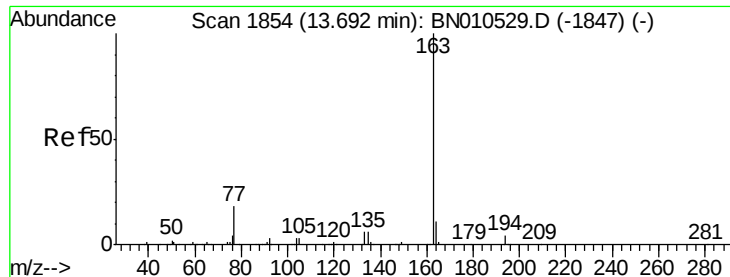
Instrument :
BNA_N
ClientSampleId :
CB7B8

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Quant Time: Apr 17 02:51:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
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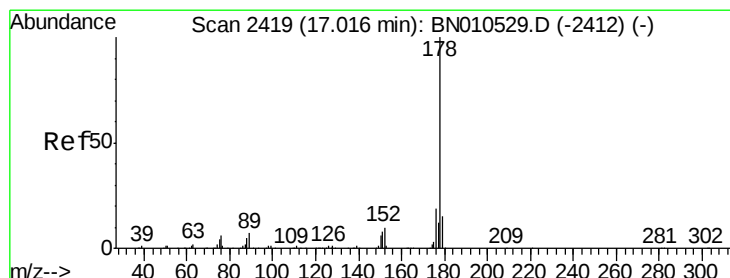
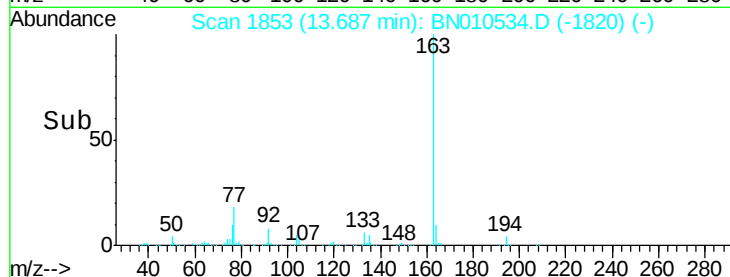
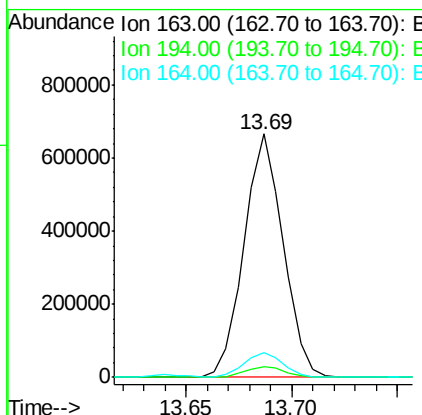
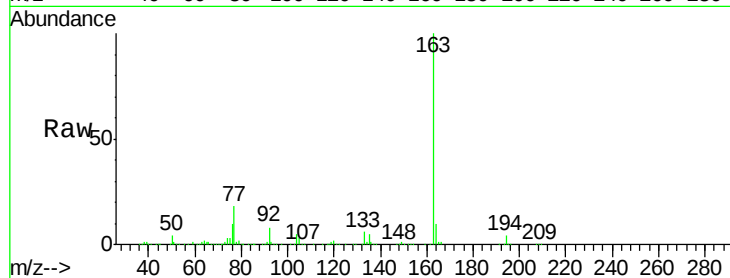
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Dimethylphthalate
Concen: 8.027 ng/ul
RT: 13.69 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BN010534.D
Acq: 17 Apr 2020 01:52

Instrument :
BNA_N
ClientSampled :
CB7B8

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.4	8.0	12.0

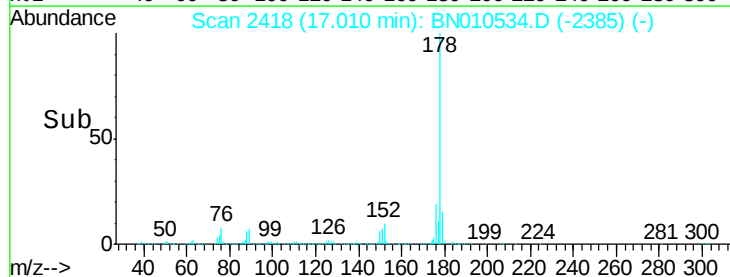
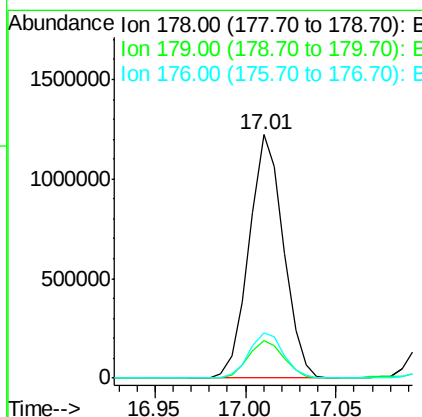
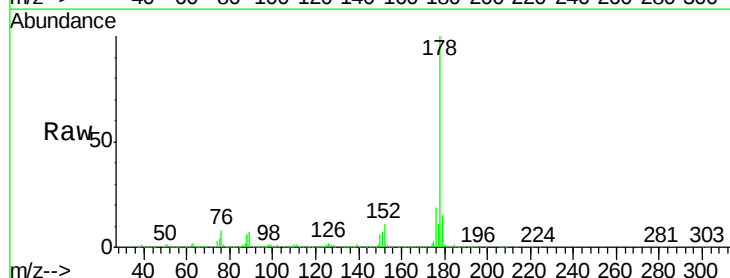
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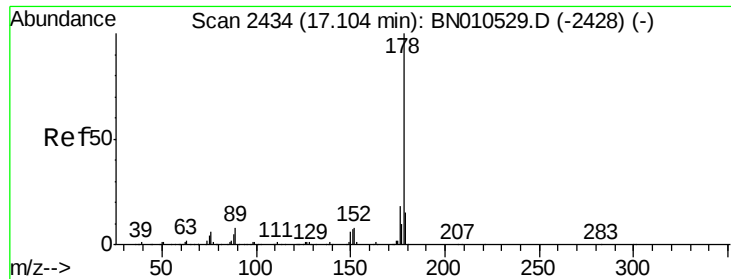
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#70
Phenanthrene
Concen: 9.300 ng/ul
RT: 17.01 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BN010534.D
Acq: 17 Apr 2020 01:52

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.4	17.2
176	18.7	15.3	22.9





#72

Anthracene

Concen: 1.899 ng/ul

RT: 17.10 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BN010534.D

Acq: 17 Apr 2020 01:52

Instrument :

BNA_N

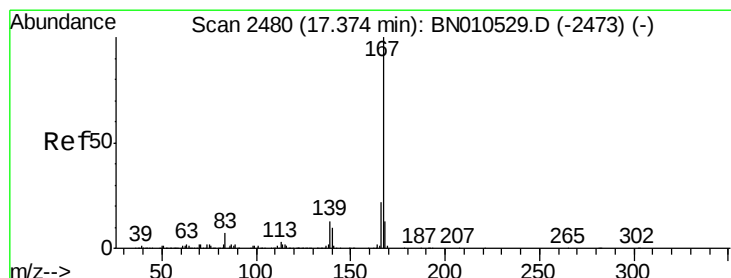
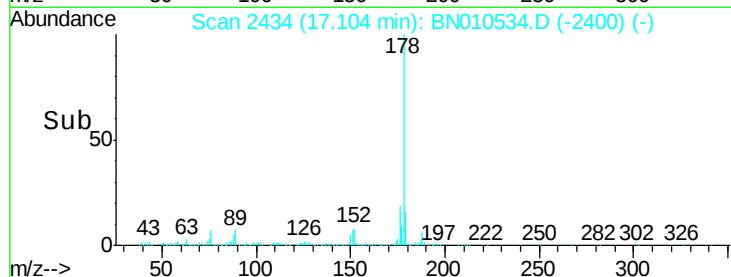
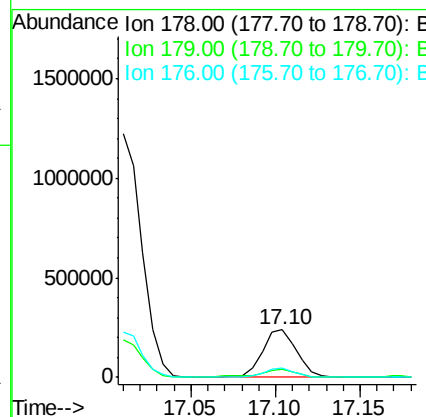
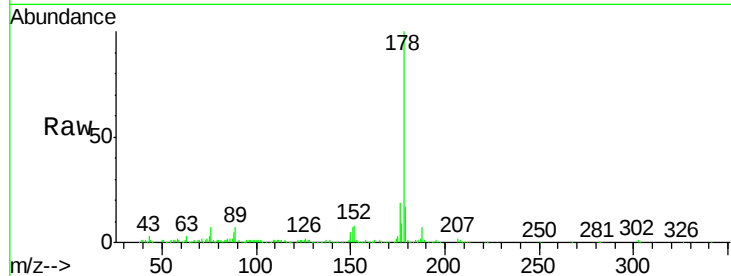
ClientSampleId :

CB7B8

Tot Ion:	178	Resp:	333365
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.3	18.5
176	18.8	14.2	21.4

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#75

Carbazole

Concen: 1.060 ng/ul

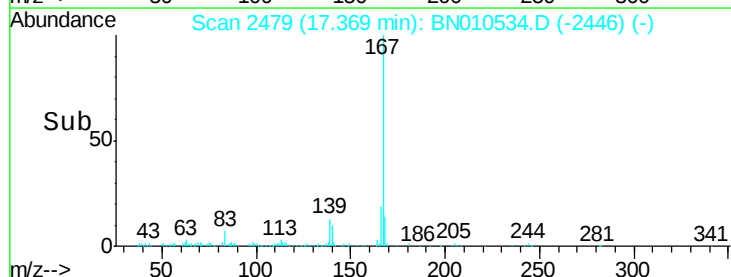
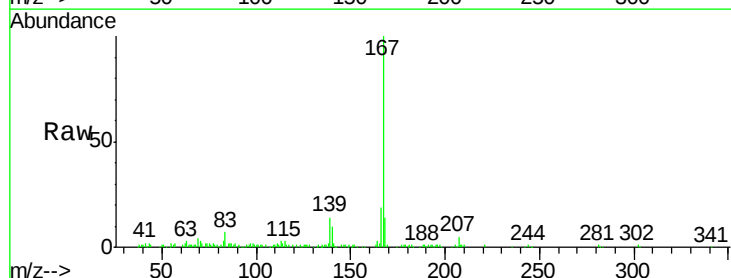
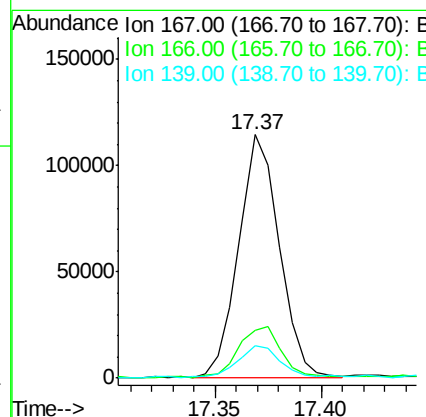
RT: 17.37 min Scan# 2479

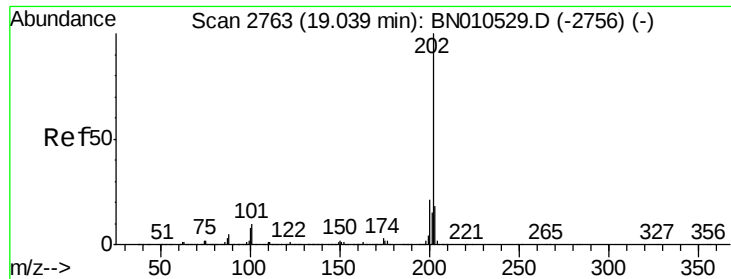
Delta R.T. -0.01 min

Lab File: BN010534.D

Acq: 17 Apr 2020 01:52

Tgt Ion:	167	Resp:	152855
Ion Ratio	Lower	Upper	
167	100		
166	19.5	16.8	25.2
139	13.6	10.1	15.1





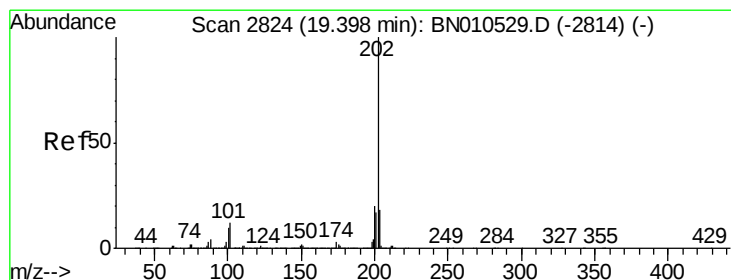
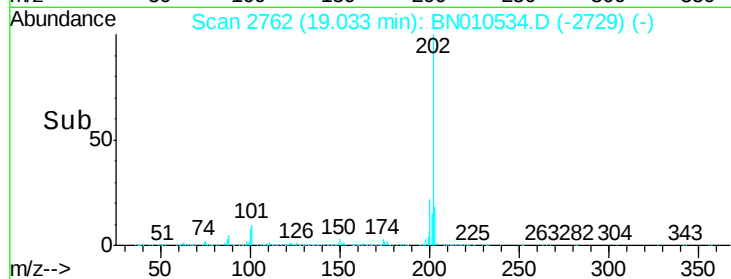
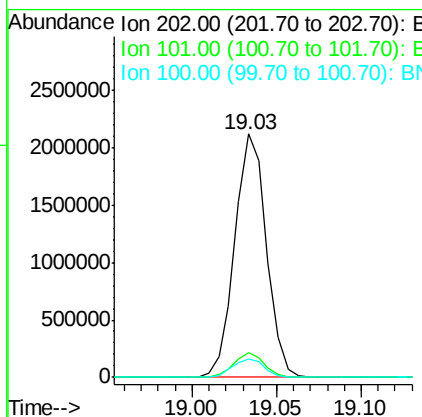
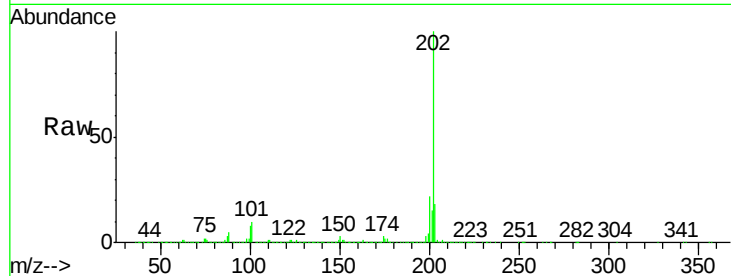
#77
Fluoranthene
 Concen: 14.651 ng/ul
 RT: 19.03 min Scan# 2762
 Delta R.T. -0.01 min
 Lab File: BN010534.D
 Acq: 17 Apr 2020 01:52

Instrument :
 BNA_N
 ClientSampleId :
 CB7B8

Tot Ion:	202	Resp:	2756802
Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.1	10.7
100	7.7	5.5	8.3

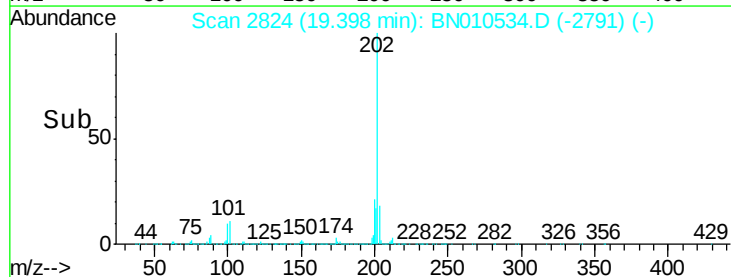
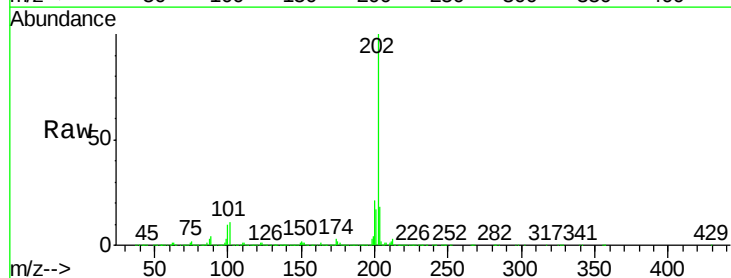
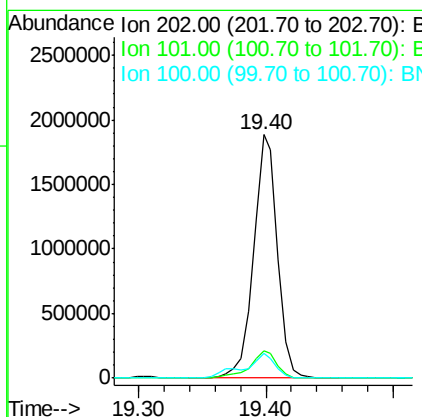
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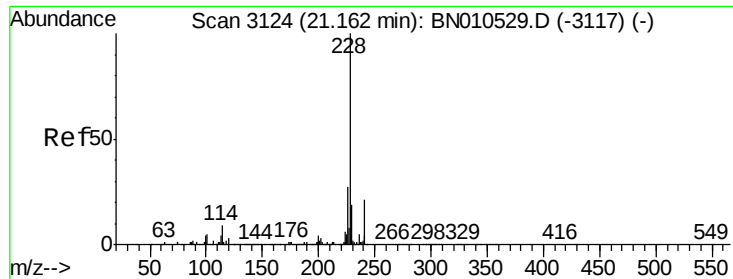
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#80
Pyrene
 Concen: 11.021 ng/ul
 RT: 19.40 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BN010534.D
 Acq: 17 Apr 2020 01:52

Tgt Ion:	202	Resp:	2460258
Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.6	13.0
100	9.9	7.0	10.6





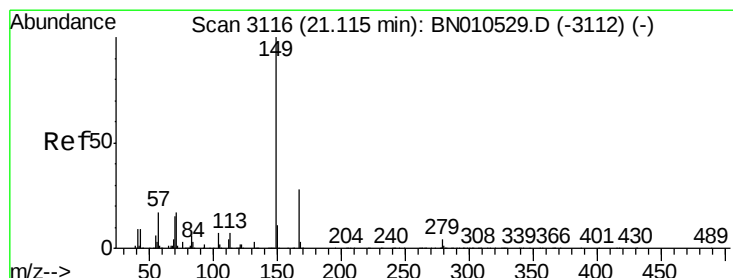
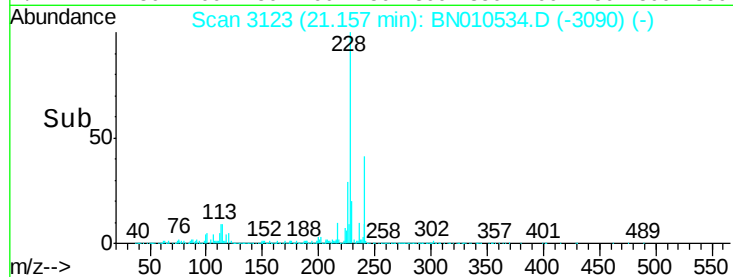
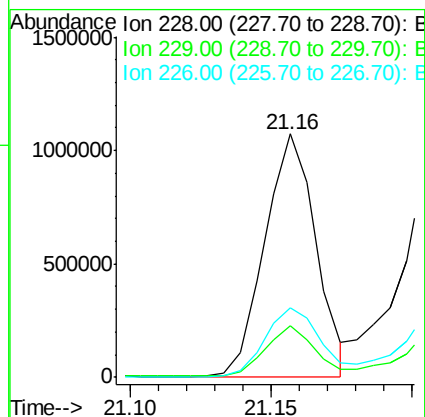
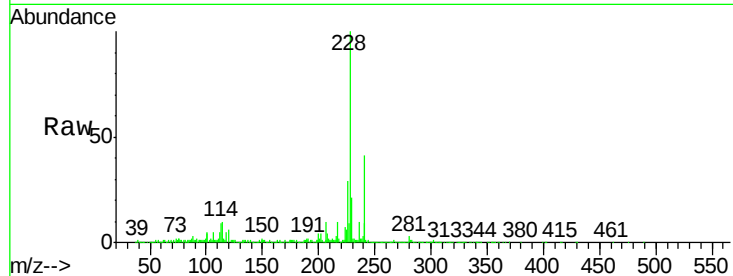
#83
Benzo(a)anthracene
Concen: 6.278 ng/ul
RT: 21.16 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BN010534.D
Acq: 17 Apr 2020 01:52

Instrument :
BNA_N
ClientSampleId :
CB7B8

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.0	24.0
226	28.8	21.4	32.2

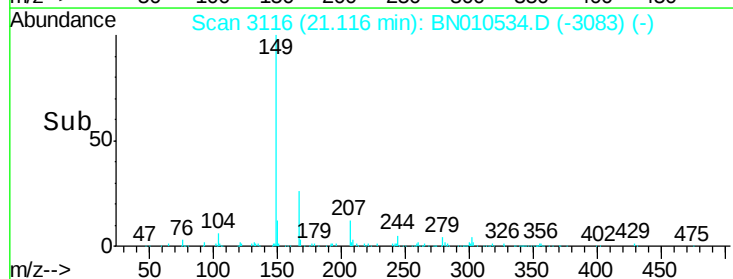
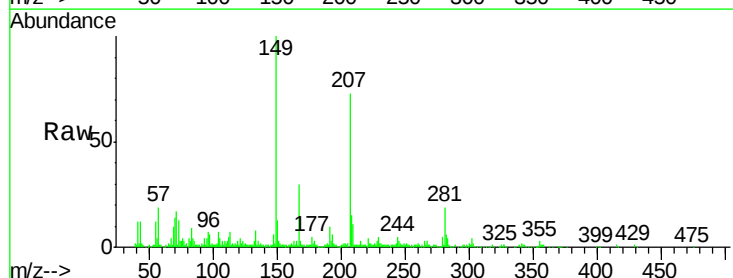
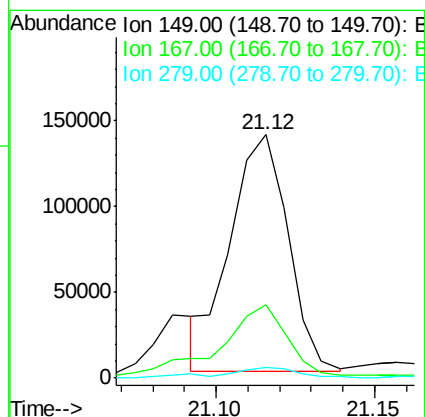
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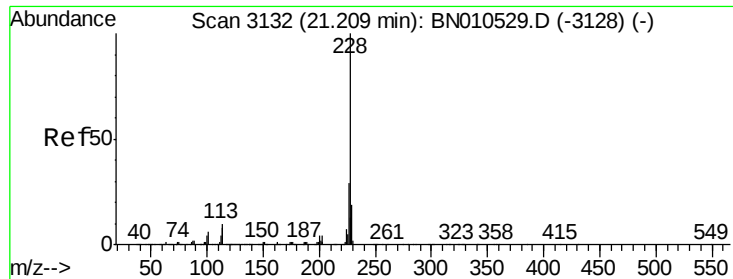
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.261 ng/ul
RT: 21.12 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BN010534.D
Acq: 17 Apr 2020 01:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.0	22.4	33.6
279	4.6	3.8	5.6





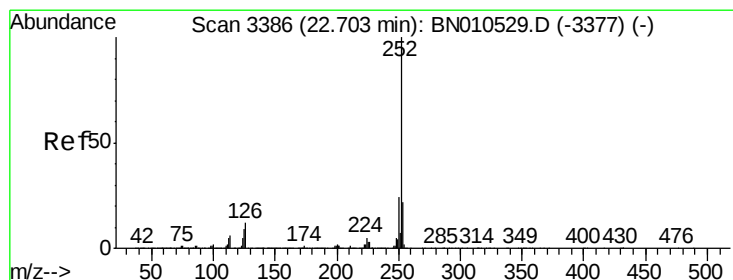
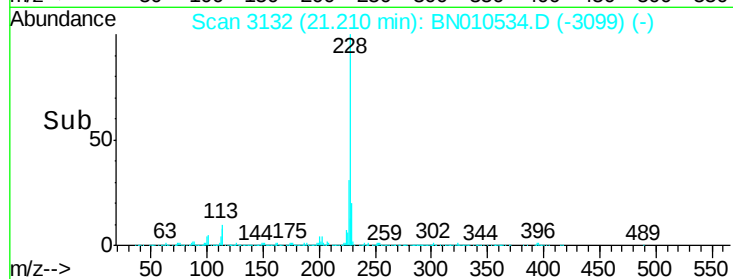
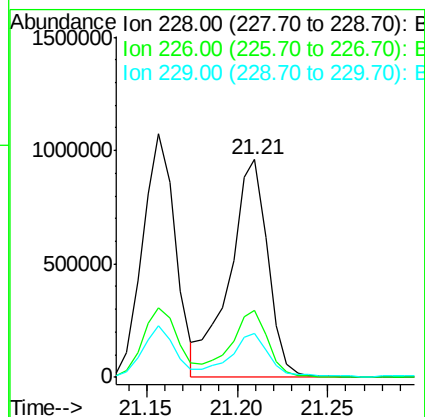
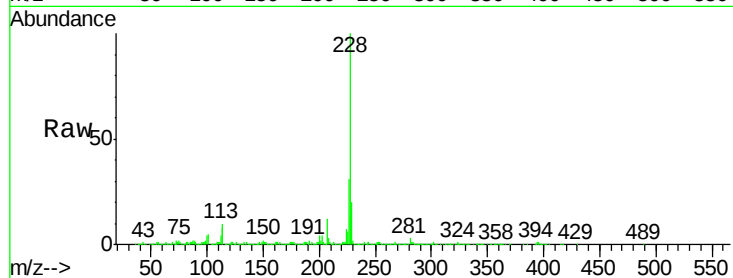
#85
Chrysene
Concen: 6.943 ng/ul
RT: 21.21 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BN010534.D
Acq: 17 Apr 2020 01:52

Instrument :
BNA_N
ClientSampled :
CB7B8

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.0	34.6
229	20.0	15.0	22.4

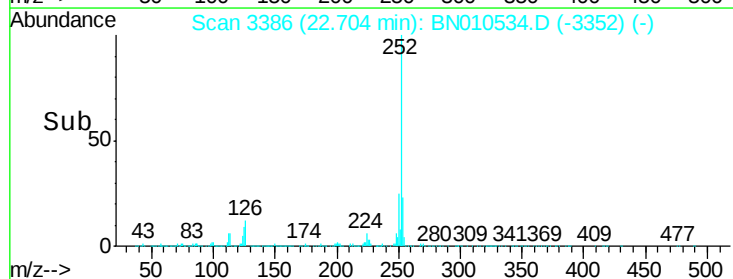
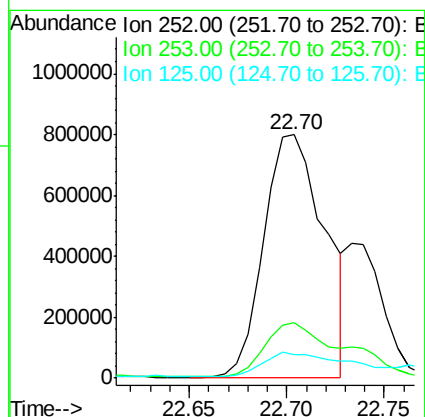
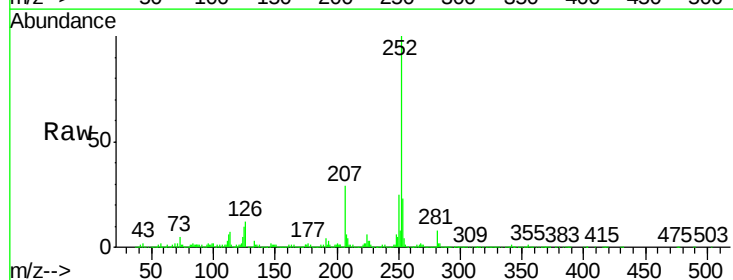
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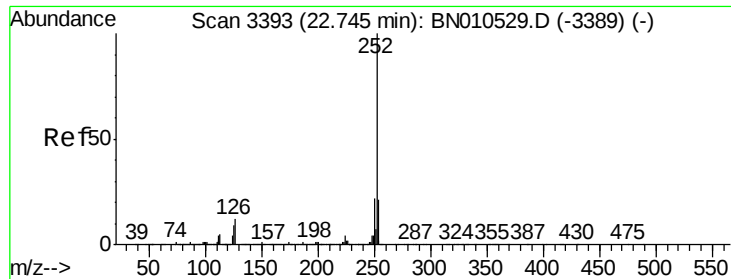
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#88
Benzo(b)fluoranthene
Concen: 9.250 ng/ul
RT: 22.70 min Scan# 3386
Delta R.T. -0.00 min
Lab File: BN010534.D
Acq: 17 Apr 2020 01:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	16.7	25.1
125	9.9	7.2	10.8





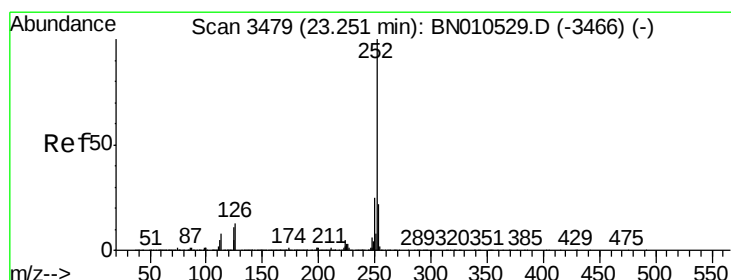
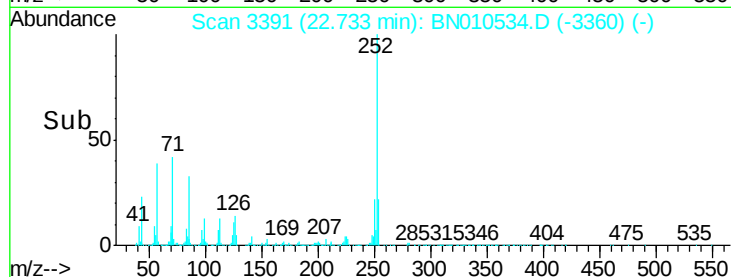
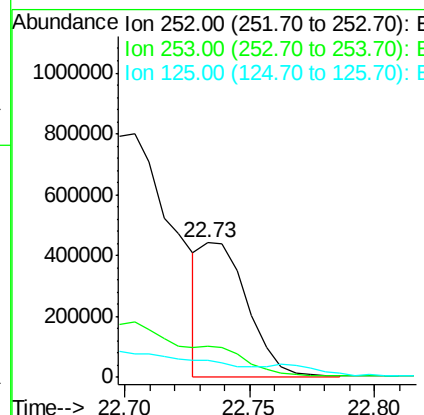
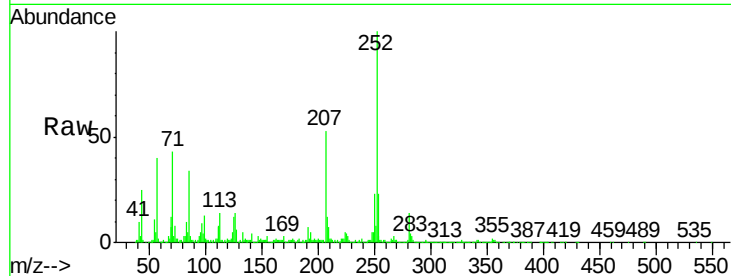
#89
Benzo(k)fluoranthene
Concen: 3.068 ng/ul
RT: 22.73 min Scan# 3391
Delta R.T. -0.02 min
Lab File: BN010534.D
Acq: 17 Apr 2020 01:52

Instrument :
BNA_N
ClientSampleId :
CB7B8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	12.2	6.9	10.3

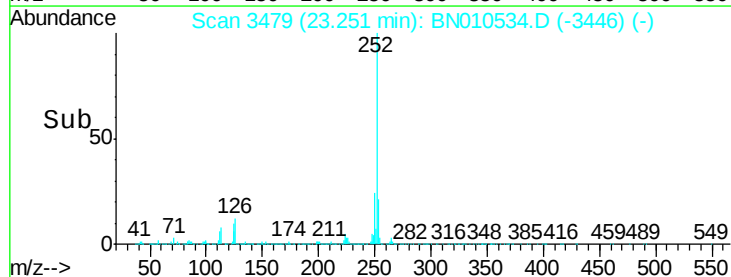
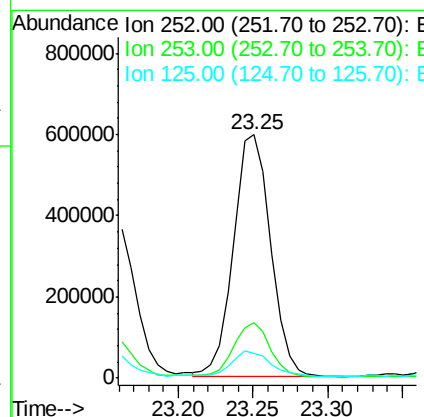
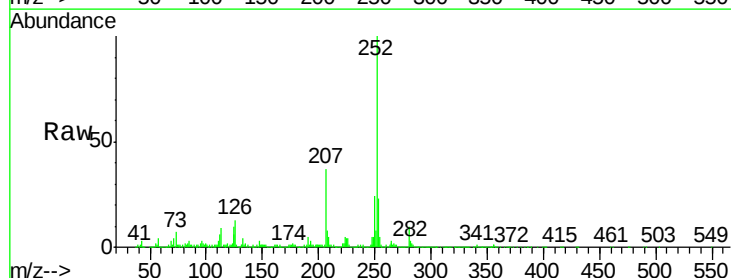
Manual Integrations
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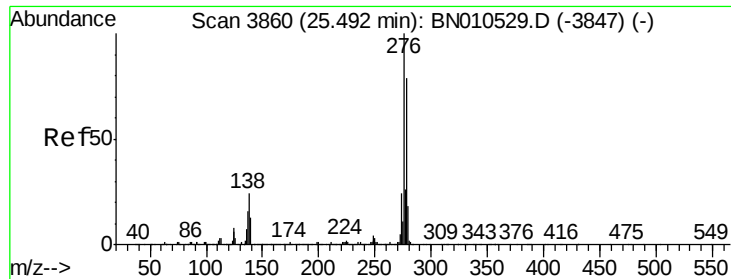
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#91
Benzo(a)pyrene
Concen: 6.267 ng/ul
RT: 23.25 min Scan# 3479
Delta R.T. -0.01 min
Lab File: BN010534.D
Acq: 17 Apr 2020 01:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	10.4	7.8	11.6





#92

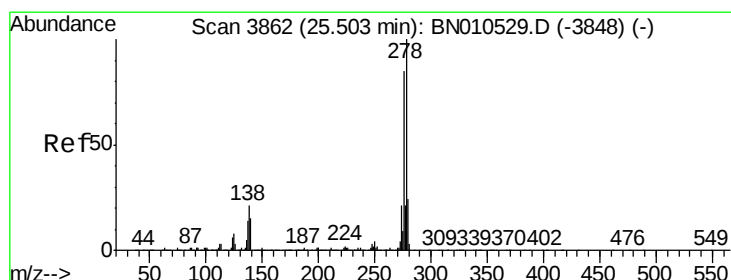
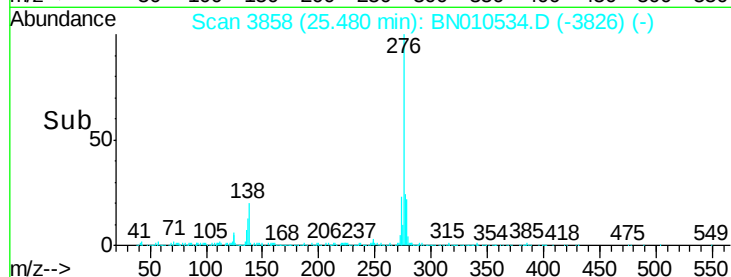
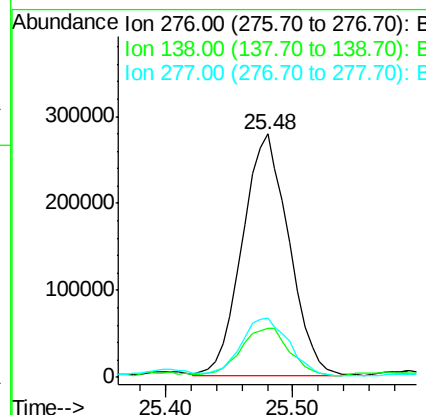
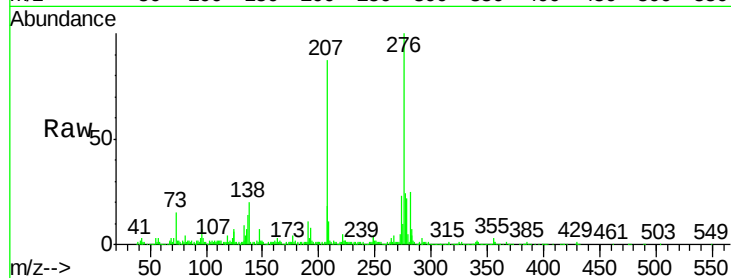
Indeno(1,2,3-cd)pyrene
Concen: 3.800 ng/ul
RT: 25.48 min Scan# 3858
Delta R.T. -0.01 min
Lab File: BN010534.D
Acq: 17 Apr 2020 01:52

Instrument :
BNA_N
ClientSampleId :
CB7B8

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	18.3	27.5
277	24.4	19.8	29.8

Manual Integrations
APPROVED

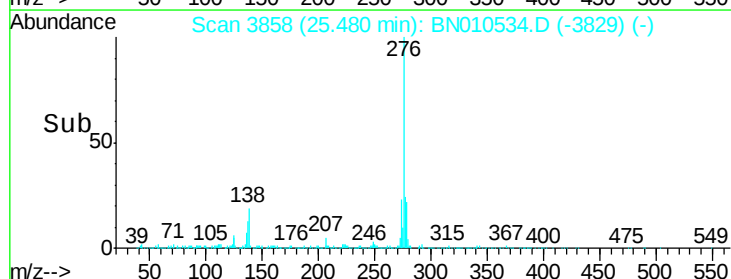
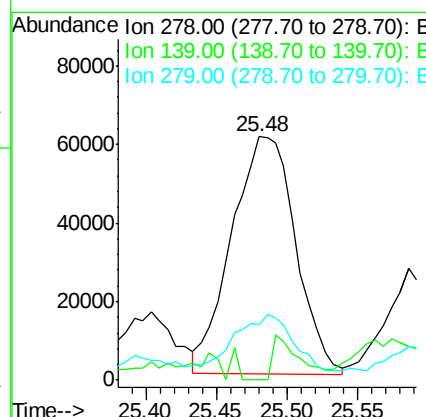
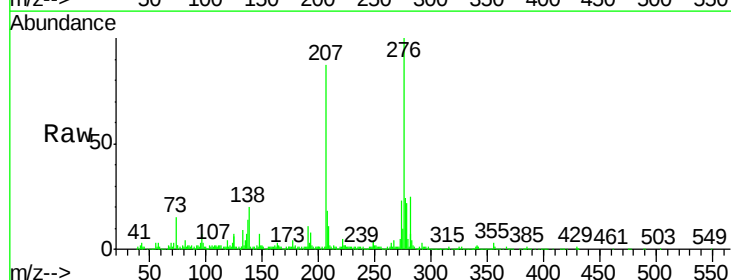
mohammad
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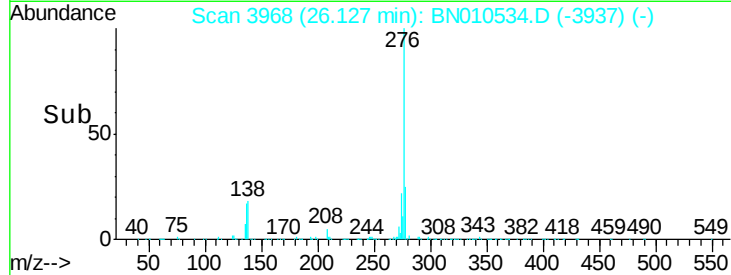
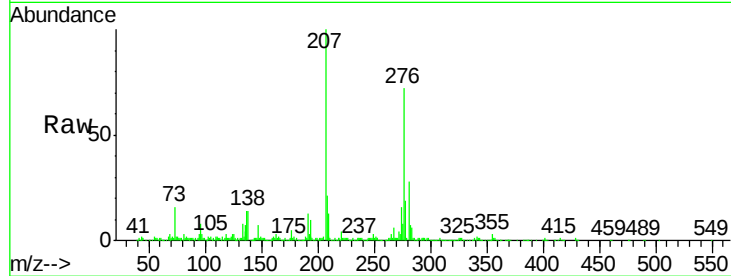
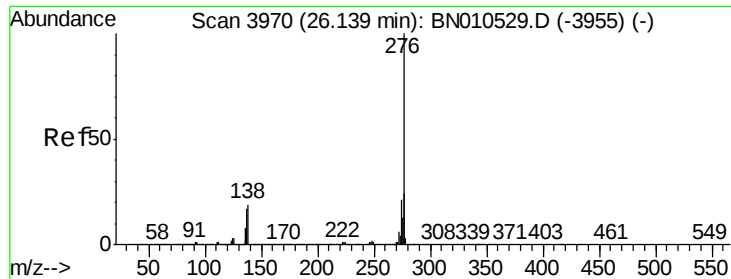


#93

Dibenzo(a,h)anthracene
Concen: 1.222 ng/ul
RT: 25.48 min Scan# 3858
Delta R.T. -0.03 min
Lab File: BN010534.D
Acq: 17 Apr 2020 01:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	3.9	11.5	17.3#
279	22.8	19.2	28.8





#94
 Benzo(a,h,i)perylene
 Concen: 3.181 ng/ul
 RT: 26.13 min Scan# 3968
 Delta R.T. -0.02 min
 Lab File: BN010534.D
 Acq: 17 Apr 2020 01:52

Instrument :
 BNA_N
 ClientSampleId :
 CB7B8

Tot Ion:	276	Resp:	489972
Ion Ratio	Lower	Upper	
276	100		
138	19.0	14.7	22.1
277	25.8	18.4	27.6

Manual Integrations
 APPROVED

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