

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
 Data File : BP002026.D
 Acq On : 03 Mar 2020 17:53
 Operator : CG/JU
 Sample : L1543-19
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBDA1

Manual Integrations
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Quant Time: Mar 04 07:14:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 03 05:31:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	273992	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1120044	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	684224	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1445101	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1365345	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	1517893	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	24999	3.92	ng/uL	0.00
5) Phenol-d5	6.82	99	458559	21.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	267138	24.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	408239	22.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	338358	19.70	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	192588	22.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	215488	22.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	418904	22.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	385064	18.84	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1293437	24.98	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1554924	25.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	155959	15.75	ng/ul	0.00
58) Fluorene-d10	15.27	176	1171683	26.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	133901	16.81	ng/ul	0.00
71) Anthracene-d10	17.13	188	1730954	26.65	ng/ul	0.00
79) Pyrene-d10	19.37	212	1978679	27.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	2129017	27.41	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.46	128	69488	1.158	ng/ul	99
34) 2-Methylnaphthalene	12.08	142	124189	2.947	ng/ul	98
45) Dimethylphthalate	13.73	163	135189	2.529	ng/ul	100
54) Dibenzofuran	14.67	168	253048	4.058	ng/ul	99
59) Fluorene	15.33	166	513683	10.309	ng/ul	97
70) Phenanthrene	17.07	178	1397961	17.560	ng/ul	100
72) Anthracene	17.17	178	12169422m	154.385	ng/ul	
75) Carbazole	17.43	167	2959743	44.592	ng/ul	100
77) Fluoranthene	19.05	202	520914	5.672	ng/ul	100
80) Pyrene	19.40	202	715938	7.702	ng/ul	99
83) Benzo(a)anthracene	21.11	228	711230	7.700	ng/ul	95
85) Chrysene	21.16	228	1251579	14.202	ng/ul	98
88) Benzo(b)fluoranthene	22.67	252	2584218	27.148	ng/ul	99
89) Benzo(k)fluoranthene	22.72	252	766779m	8.229	ng/ul	
91) Benzo(a)pyrene	23.24	252	786055	9.096	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.56	276	712930	6.365	ng/ul	94
93) Dibenzo(a,h)anthracene	25.56	278	201768	2.179	ng/ul#	93
94) Benzo(g,h,i)perylene	26.24	276	448551	4.744	ng/ul	99

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

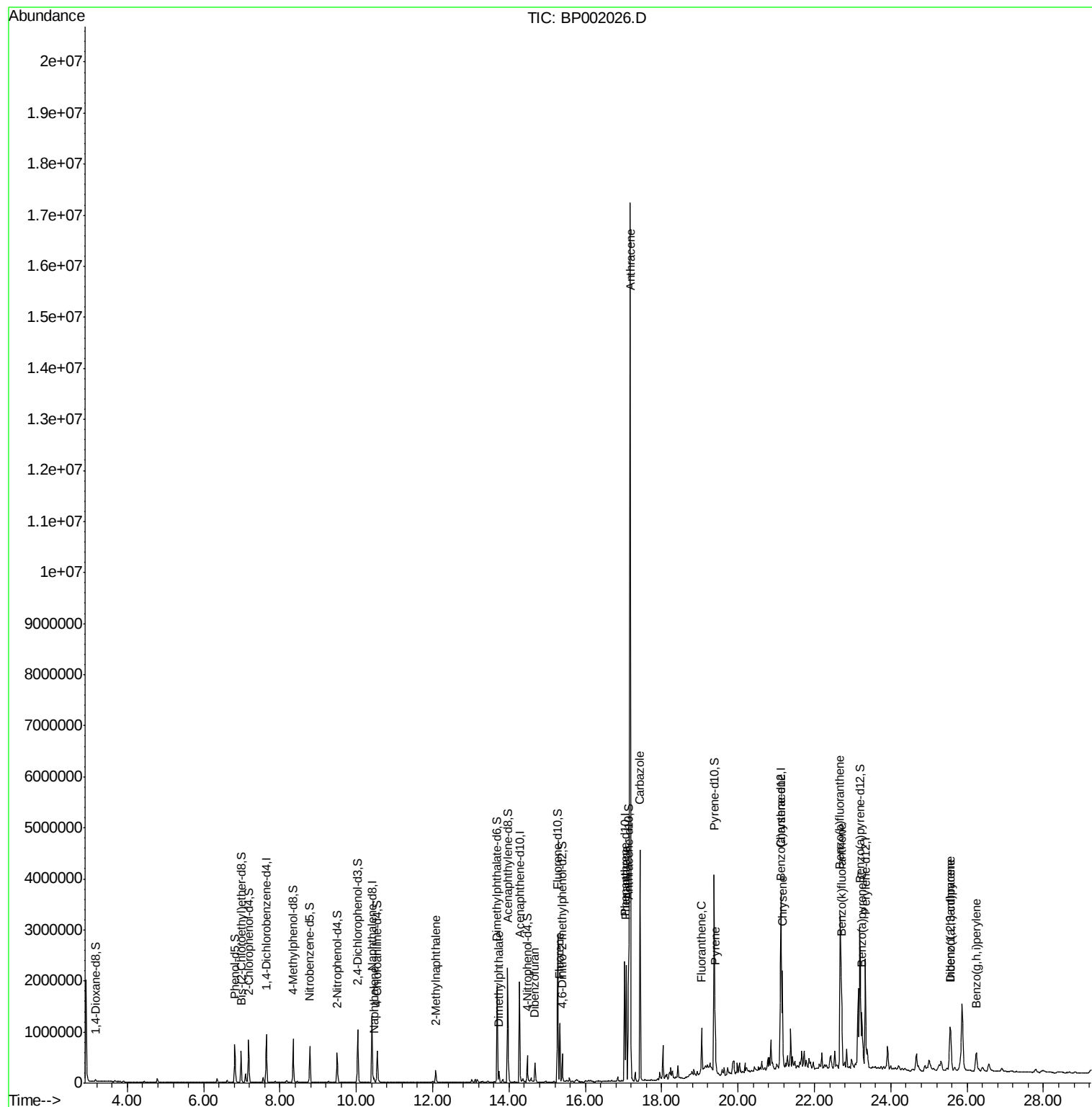
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
Data File : BP002026.D
Acq On : 03 Mar 2020 17:53
Operator : CG/JU
Sample : L1543-19
Misc :
ALS Vial : 44 Sample Multiplier: 1

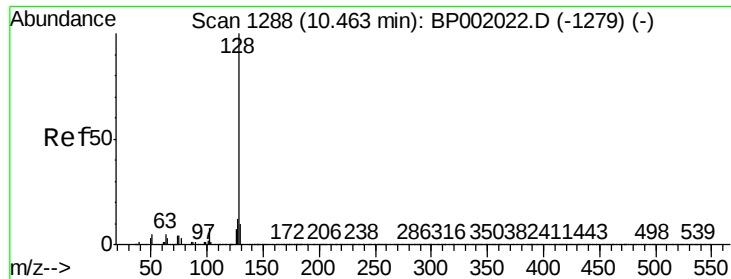
Instrument :
BNA_P
ClientSampleId :
DBDA1

Quant Time: Mar 04 07:14:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 03 05:31:15 2020
Response via : Initial Calibration

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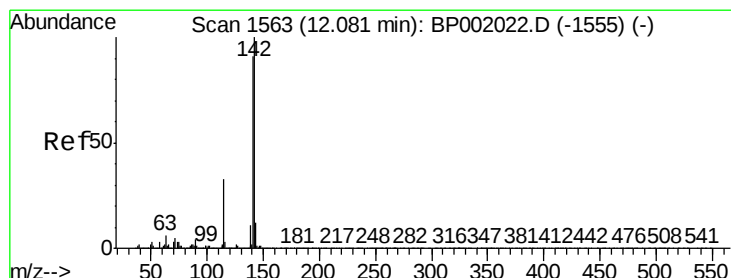
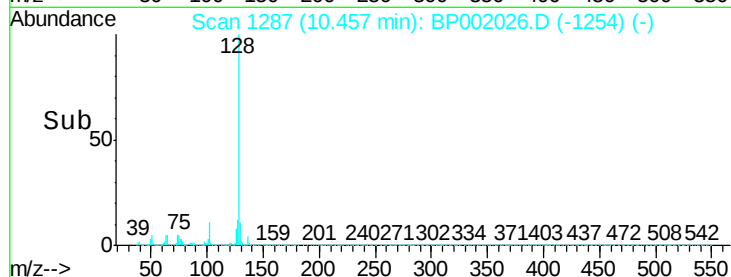
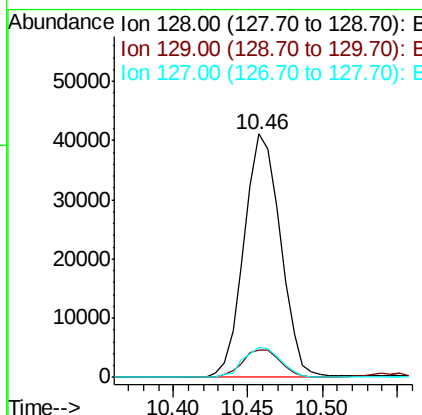
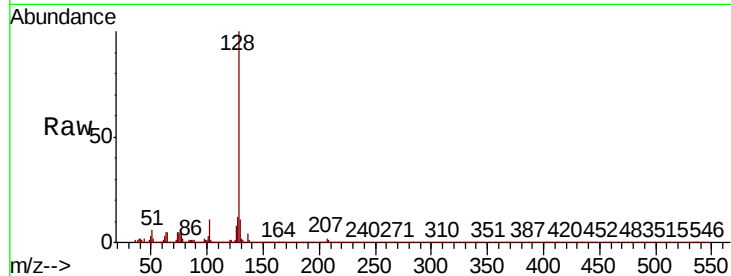
#28
Naphthalene
Concen: 1.158 ng/ul
RT: 10.46 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BP002026.D
Acq: 03 Mar 2020 17:53

Instrument :
BNA_P
ClientSampleId :
DBDA1

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	12.3	10.2	15.2

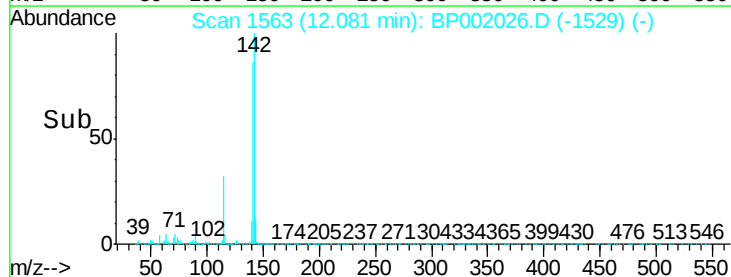
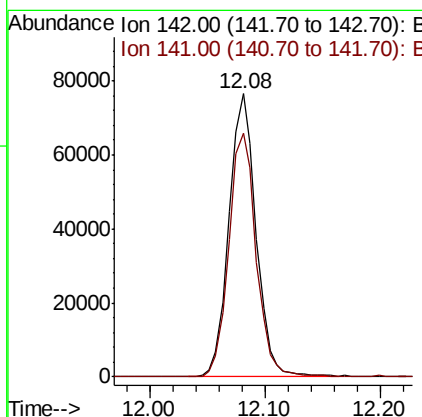
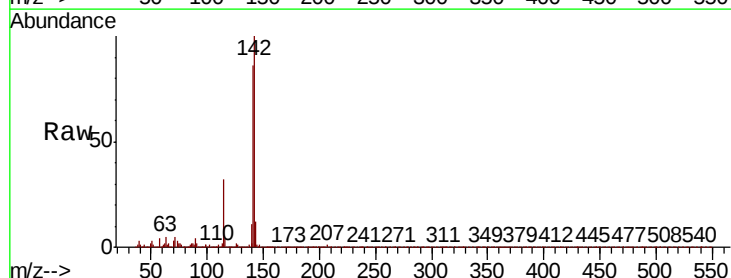
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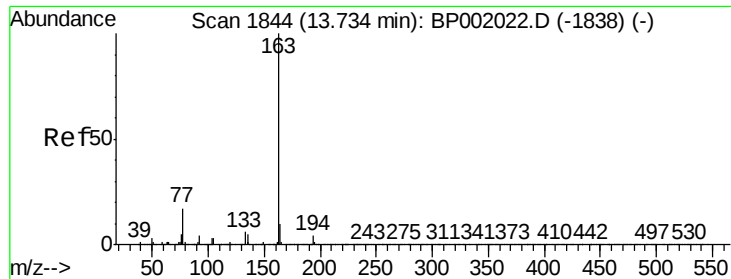
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#34
2-Methylnaphthalene
Concen: 2.947 ng/ul
RT: 12.08 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BP002026.D
Acq: 03 Mar 2020 17:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.3	70.8	106.2





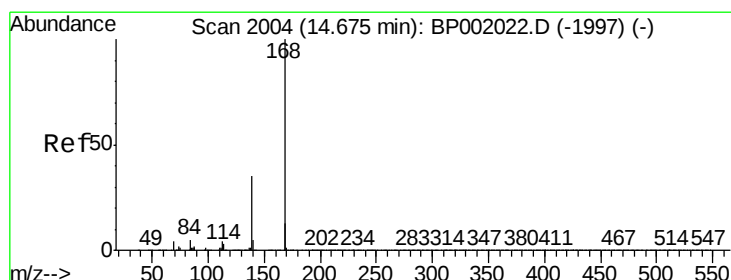
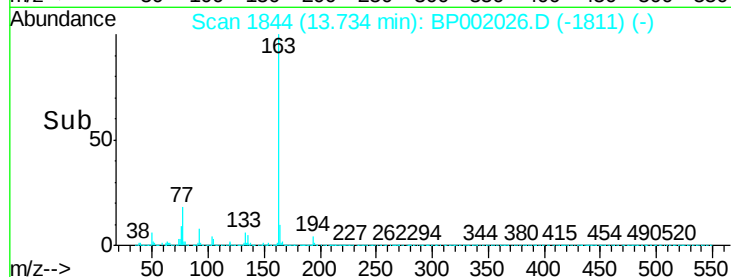
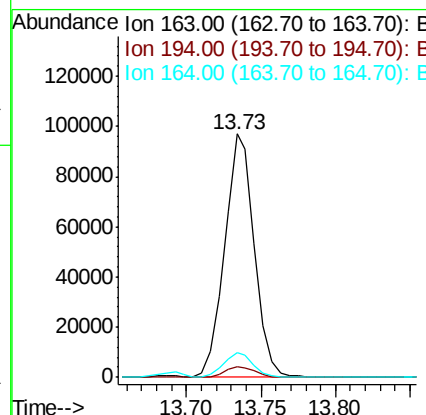
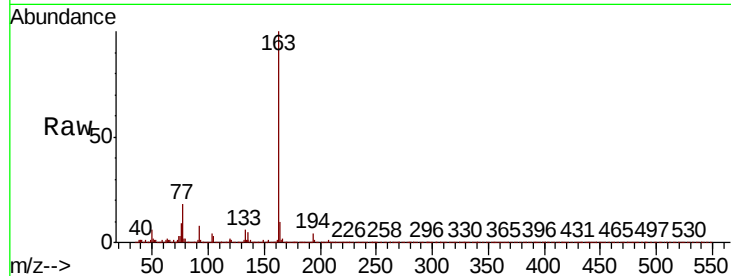
#45
Dimethylphthalate
Concen: 2.529 ng/ul
RT: 13.73 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BP002026.D
Acq: 03 Mar 2020 17:53

Instrument :
BNA_P
ClientSampleId :
DBDA1

Tot Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.5	3.6	5.4	
164	10.2	8.2	12.4	

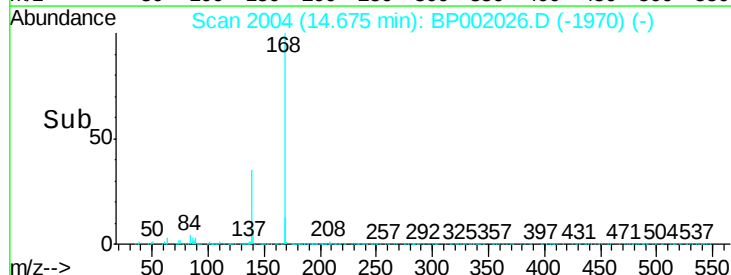
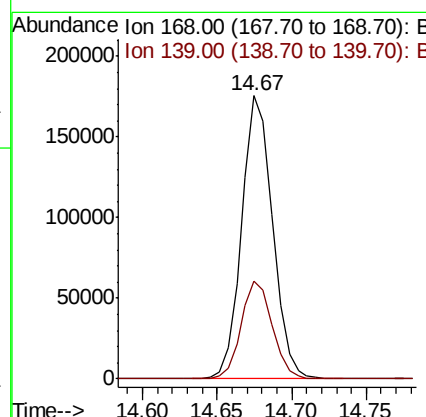
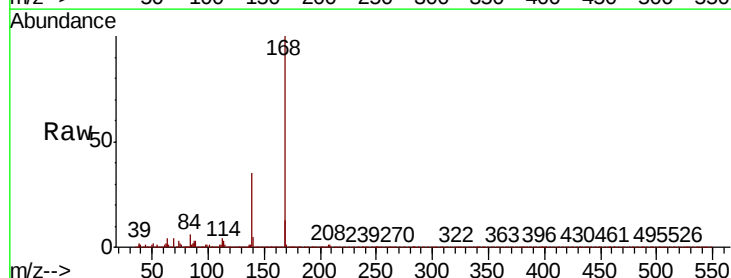
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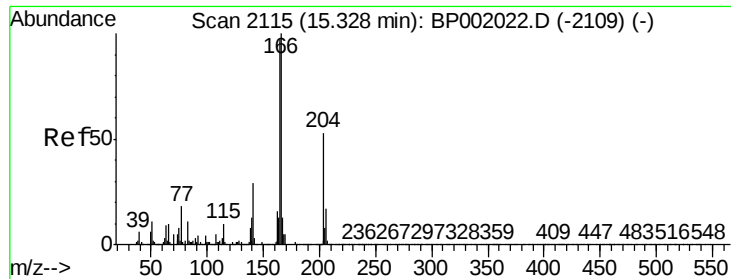
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#54
Dibenzofuran
Concen: 4.058 ng/ul
RT: 14.67 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BP002026.D
Acq: 03 Mar 2020 17:53

Tgt Ion	Ion	Ratio	Lower	Upper
168	100			
139	34.8	28.3	42.5	





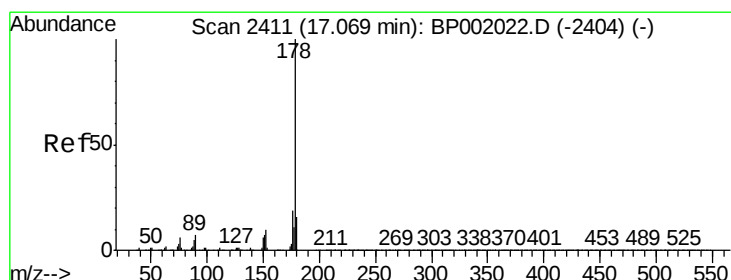
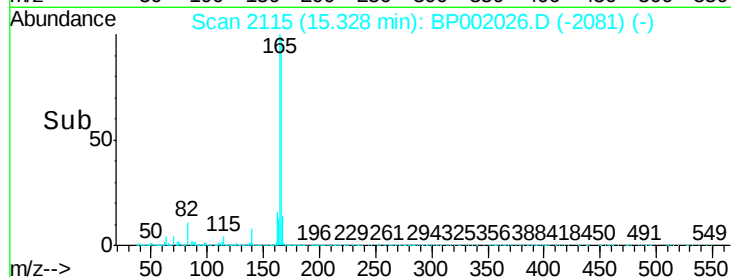
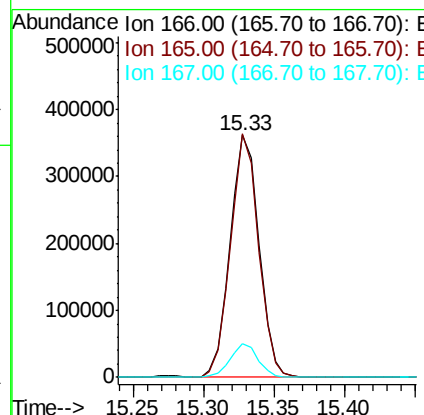
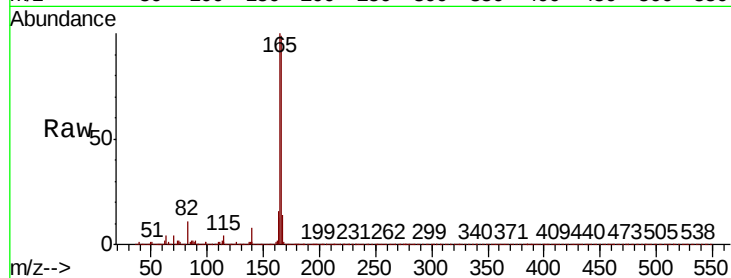
#59
Fluorene
 Concen: 10.309 ng/ul
 RT: 15.33 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: BP002026.D
 Acq: 03 Mar 2020 17:53

Instrument :
 BNA_P
 ClientSampleID :
 DBDA1

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.7	78.1	117.1
167	13.7	10.7	16.1

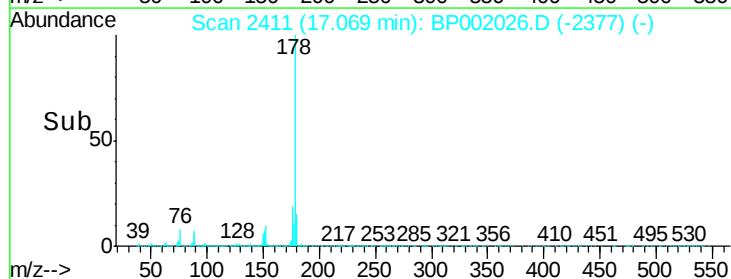
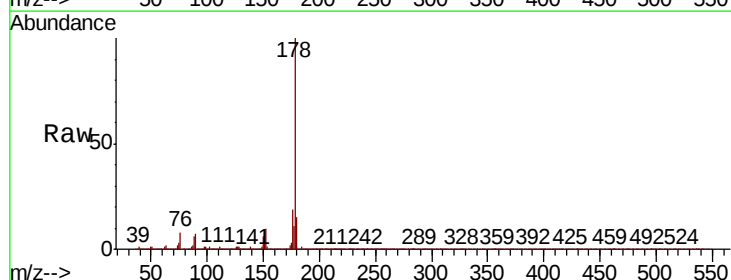
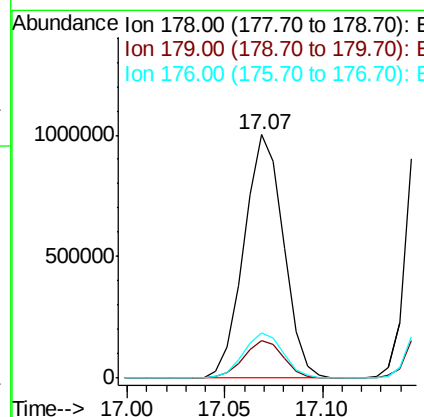
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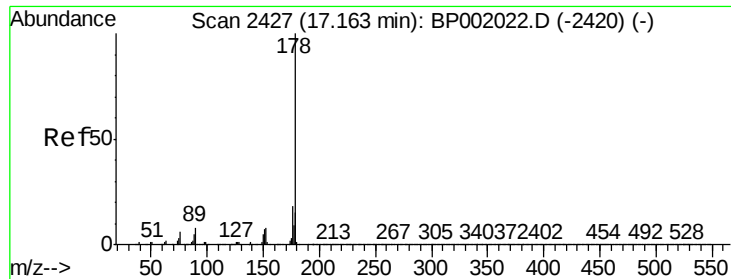
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#70
Phenanthrene
 Concen: 17.560 ng/ul
 RT: 17.07 min Scan# 2411
 Delta R.T. 0.00 min
 Lab File: BP002026.D
 Acq: 03 Mar 2020 17:53

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	18.7	14.9	22.3





#72

Anthracene

Concen: 154.385 ng/ul

RT: 17.17 min Scan# 2428

Delta R.T. 0.01 min

Lab File: BP002026.D

Acq: 03 Mar 2020 17:53

Instrument :

BNA_P

ClientSampleId :

DBDA1

Tot Ion:178 Resp:12169422

Ion Ratio Lower Upper

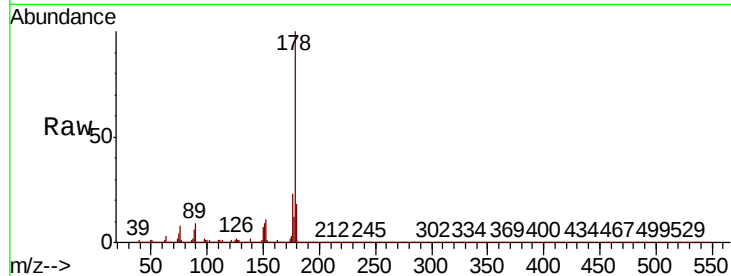
178 100

179 18.3 12.8 19.2

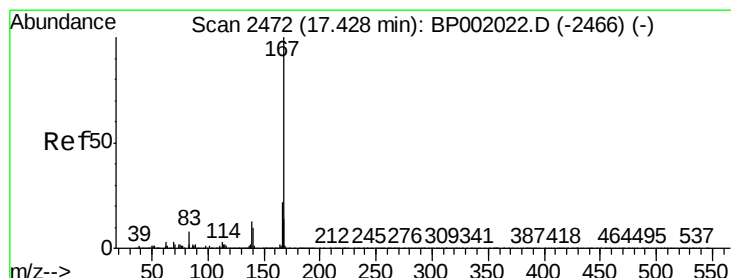
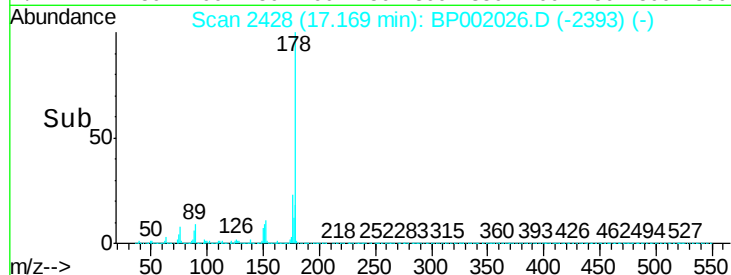
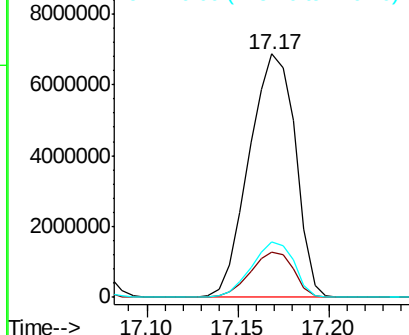
176 22.6 14.6 22.0#

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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



#75

Carbazole

Concen: 44.592 ng/ul

RT: 17.43 min Scan# 2473

Delta R.T. 0.01 min

Lab File: BP002026.D

Acq: 03 Mar 2020 17:53

Tgt Ion:167 Resp: 2959743

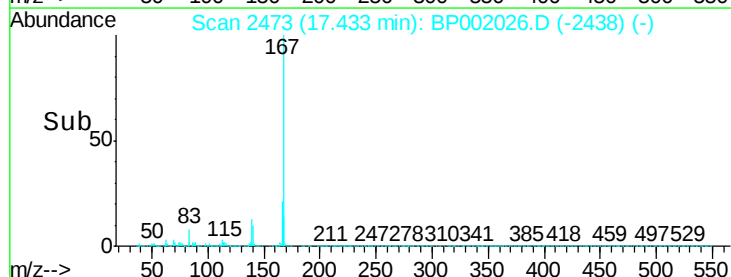
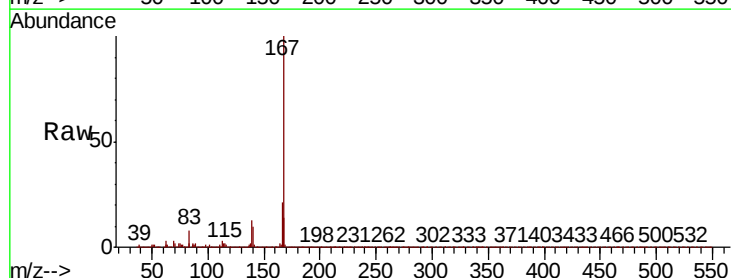
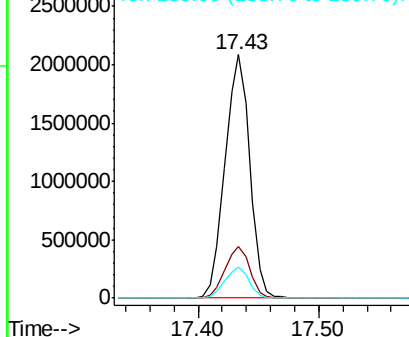
Ion Ratio Lower Upper

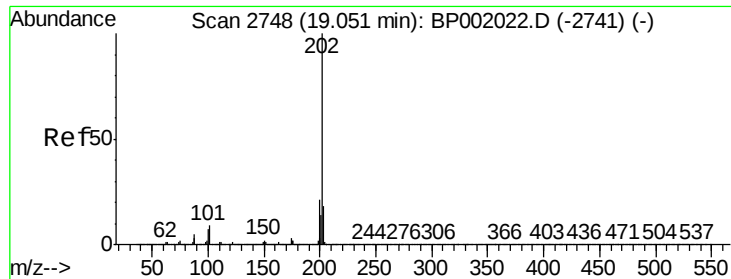
167 100

166 21.4 17.2 25.8

139 12.8 10.1 15.1

Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





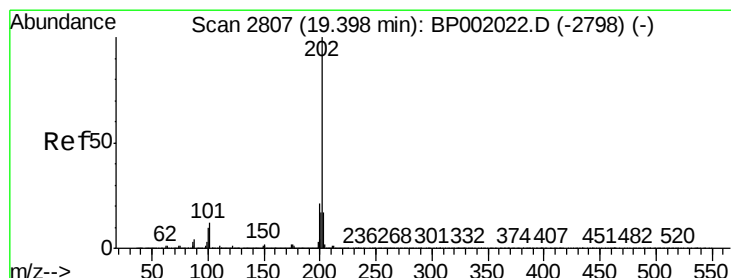
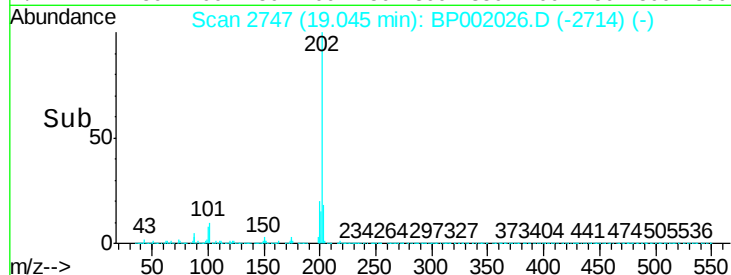
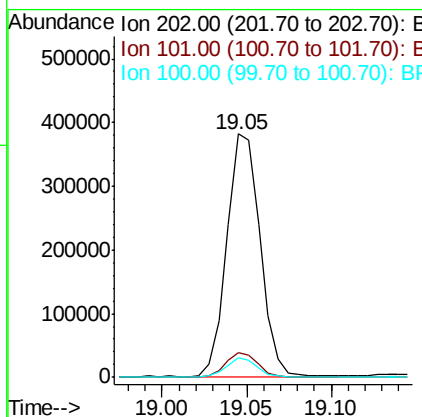
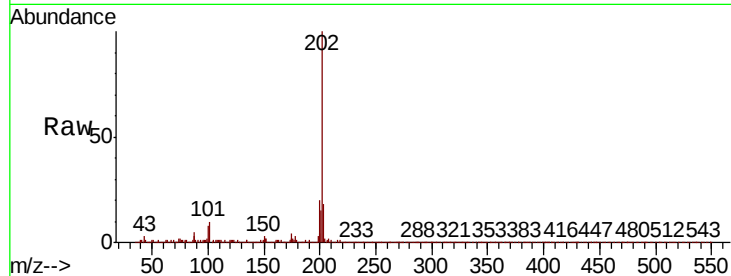
#77
 Fluoranthene
 Concen: 5.672 ng/ul
 RT: 19.05 min Scan# 2747
 Delta R.T. -0.01 min
 Lab File: BP002026.D
 Acq: 03 Mar 2020 17:53

Instrument :
 BNA_P
 ClientSampled :
 DBDA1

Tot Ion:	202	Resp:	520914
Ion Ratio	Lower	Upper	
202	100		
101	10.3	8.2	12.2
100	8.0	6.3	9.5

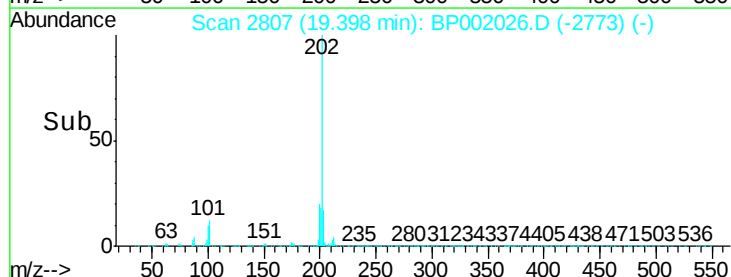
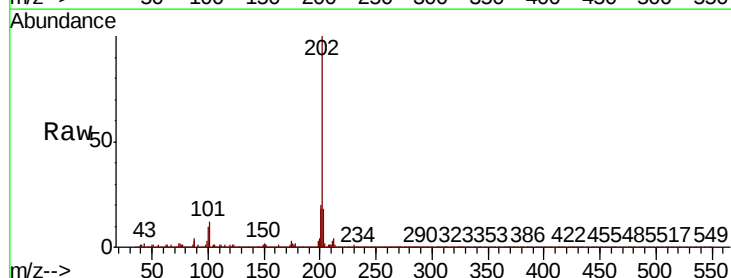
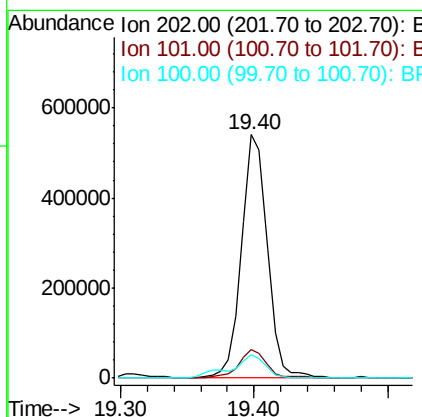
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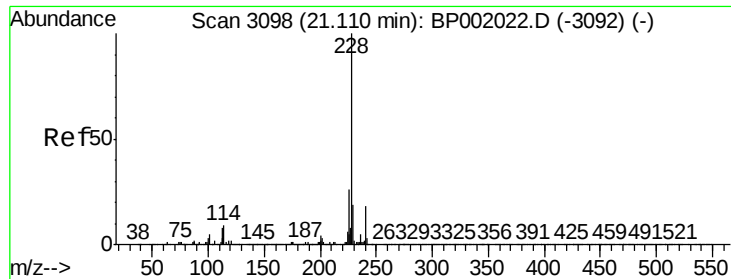
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#80
 Pyrene
 Concen: 7.702 ng/ul
 RT: 19.40 min Scan# 2807
 Delta R.T. 0.00 min
 Lab File: BP002026.D
 Acq: 03 Mar 2020 17:53

Tgt Ion:	202	Resp:	715938
Ion Ratio	Lower	Upper	
202	100		
101	12.0	9.3	13.9
100	9.6	7.6	11.4





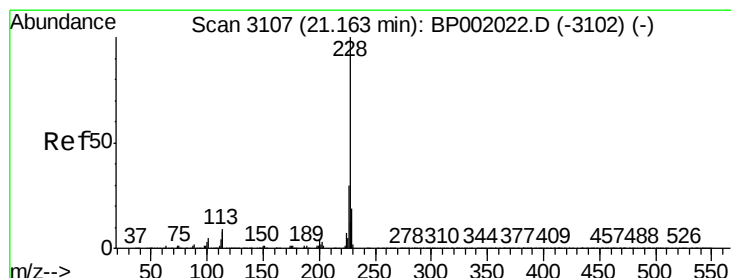
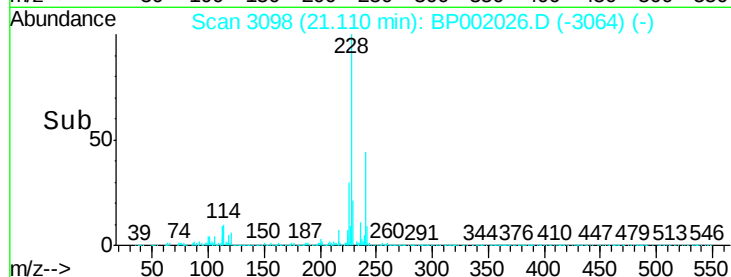
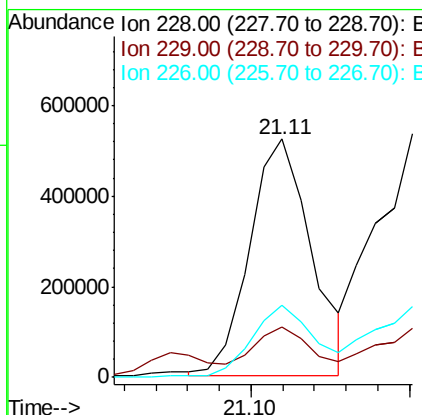
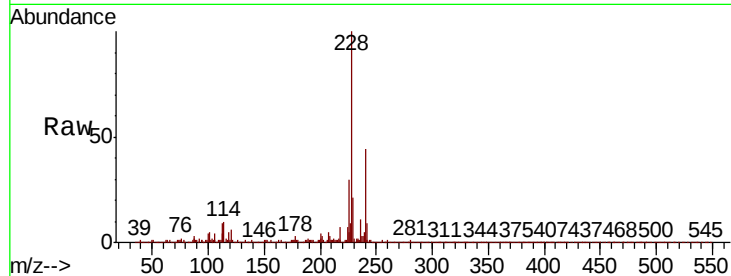
#83
Benzo(a)anthracene
Concen: 7.700 ng/u1
RT: 21.11 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BP002026.D
Acq: 03 Mar 2020 17:53

Instrument :
BNA_P
ClientSampleId :
DBDA1

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.7	23.5
226	30.2	21.4	32.0

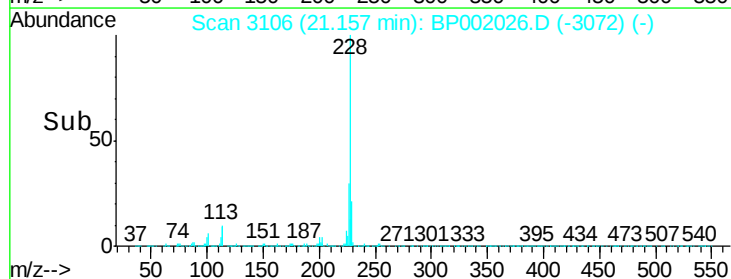
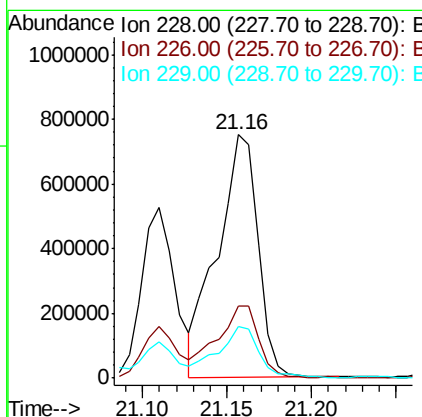
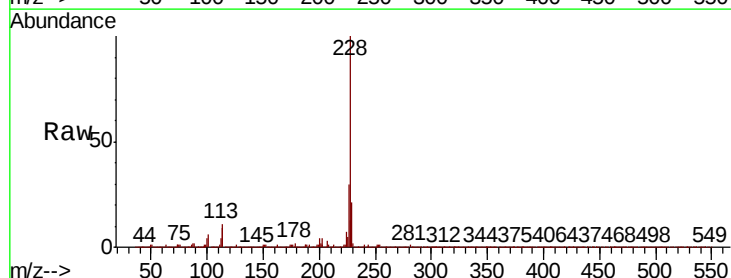
Manual Integrations
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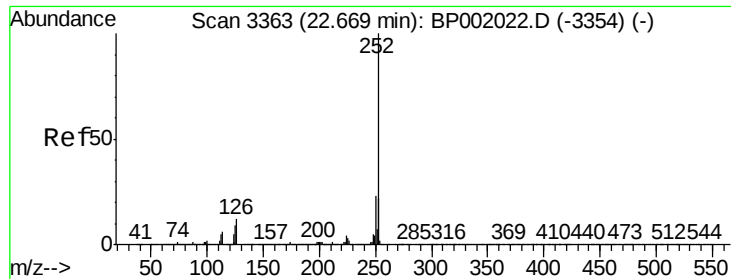
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#85
Chrysene
Concen: 14.202 ng/u1
RT: 21.16 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BP002026.D
Acq: 03 Mar 2020 17:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.4	36.6
229	21.3	15.9	23.9





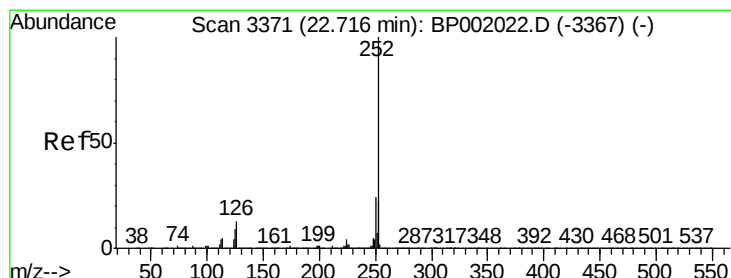
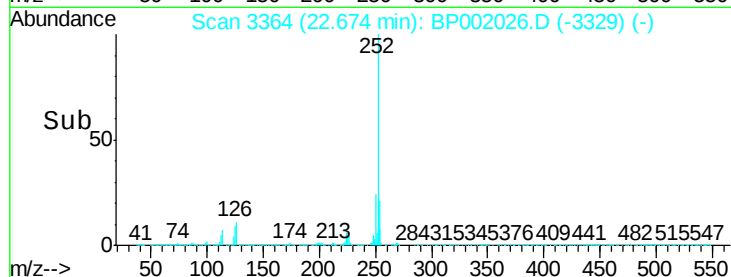
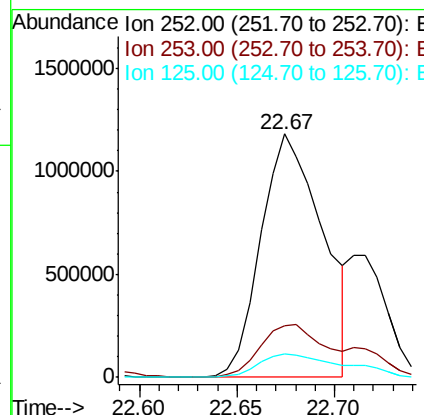
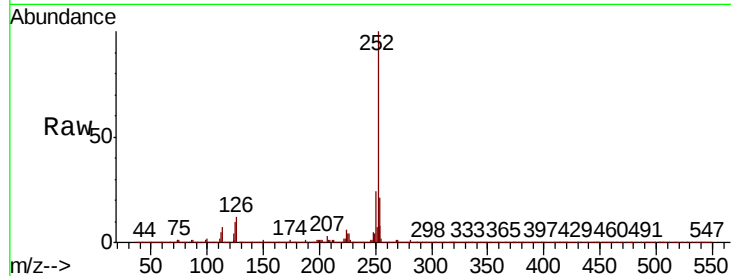
#88
Benzo(b)fluoranthene
Concen: 27.148 ng/ul
RT: 22.67 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BP002026.D
Acq: 03 Mar 2020 17:53

Instrument :
BNA_P
ClientSampleId :
DBDA1

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	9.5	7.4	11.0

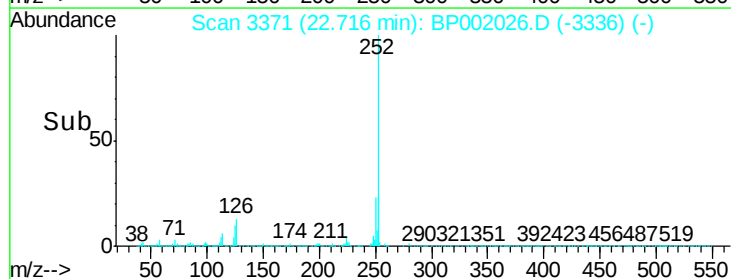
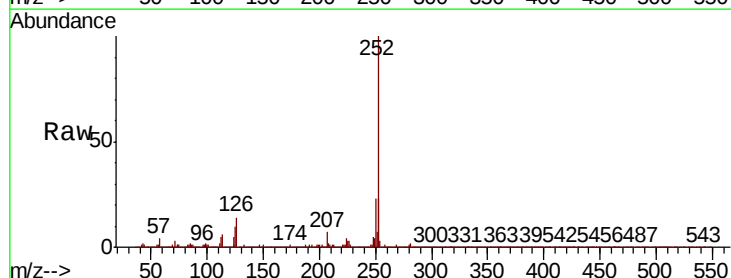
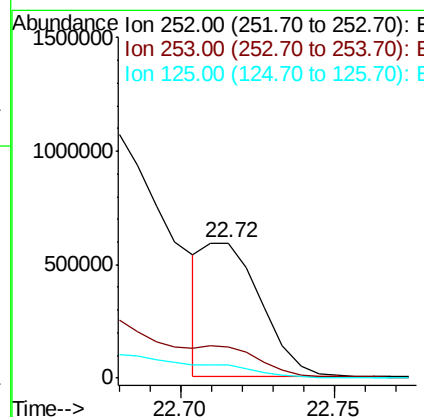
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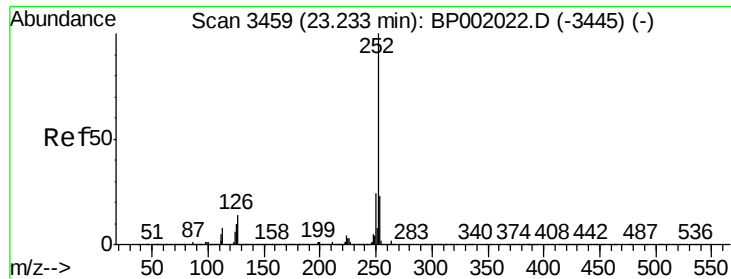
mohammad
3/4/2020 2:48:54 PM



#89
Benzo(k)fluoranthene
Concen: 8.229 ng/ul m
RT: 22.72 min Scan# 3371
Delta R.T. 0.01 min
Lab File: BP002026.D
Acq: 03 Mar 2020 17:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	9.8	7.4	11.0





#91

Benzo(a)pyrene

Concen: 9.096 ng/u1

RT: 23.24 min Scan# 3460

Delta R.T. 0.01 min

Lab File: BP002026.D

Acq: 03 Mar 2020 17:53

Instrument :

BNA_P

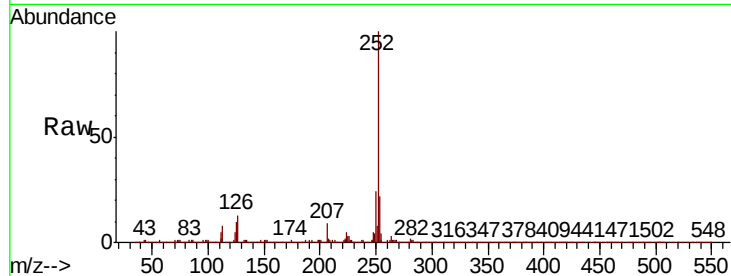
ClientSampleId :

DBDA1

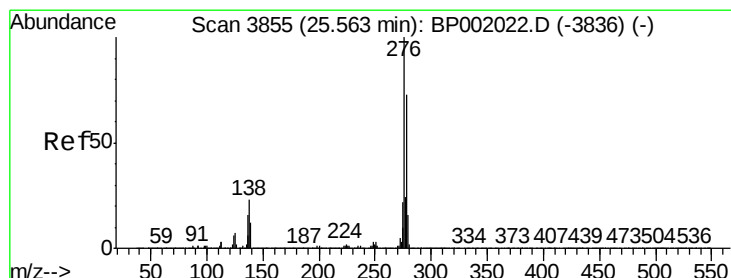
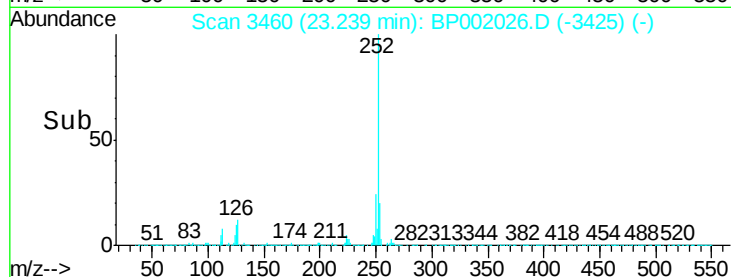
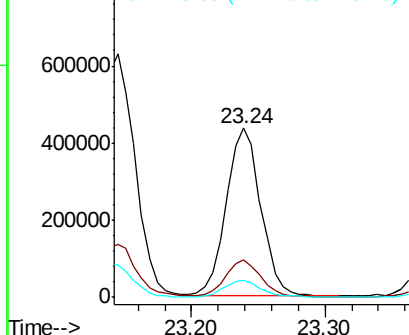
Tot Ion:	252	Resp:	786055
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.0
125	10.3	8.2	12.2

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#92

Indeno(1,2,3-cd)pyrene

Concen: 6.365 ng/u1

RT: 25.56 min Scan# 3854

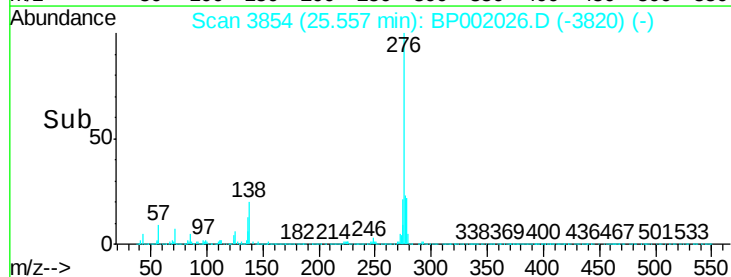
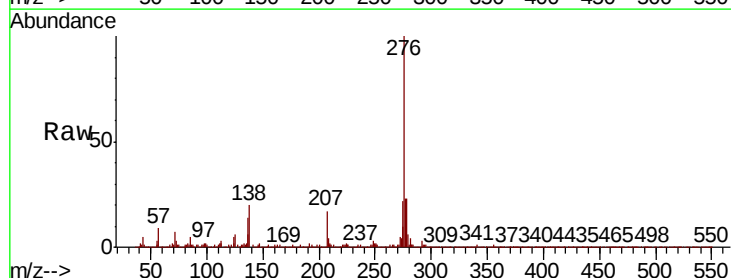
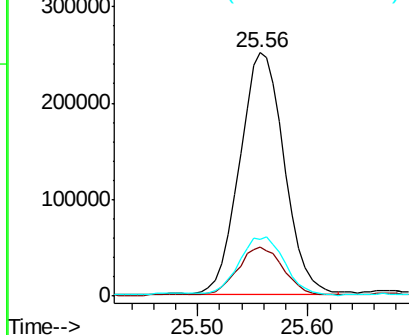
Delta R.T. 0.00 min

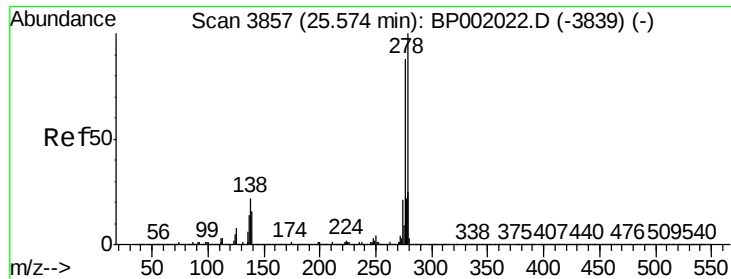
Lab File: BP002026.D

Acq: 03 Mar 2020 17:53

Tgt Ion:	276	Resp:	712930
Ion Ratio	Lower	Upper	
276	100		
138	19.9	18.6	28.0
277	23.2	20.4	30.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





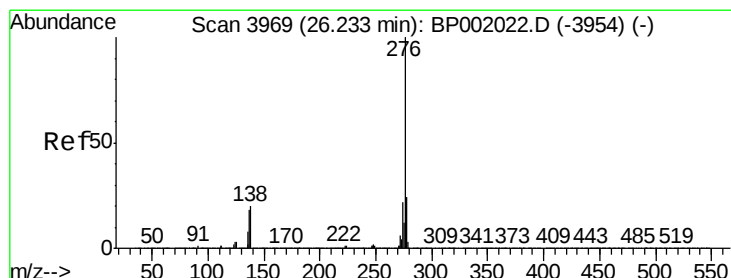
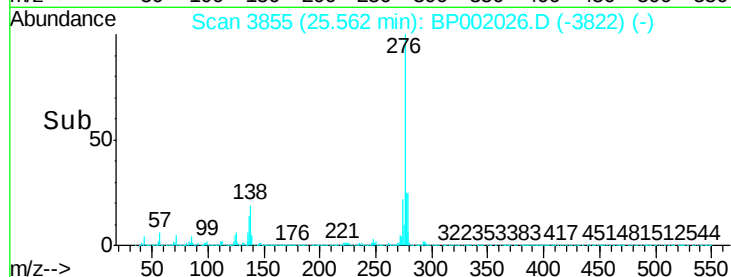
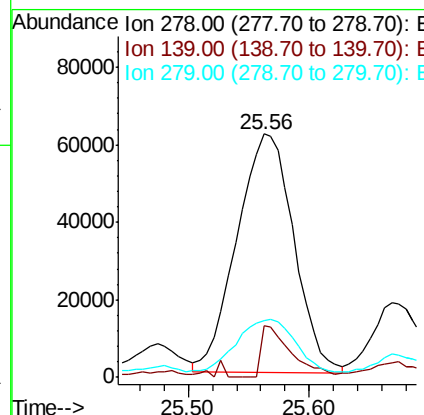
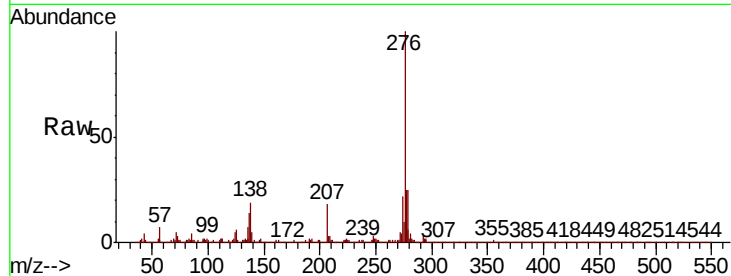
#93
Dibenzo(a,h)anthracene
Concen: 2.179 ng/ul
RT: 25.56 min Scan# 3855
Delta R.T. -0.01 min
Lab File: BP002026.D
Acq: 03 Mar 2020 17:53

Instrument :
BNA_P
ClientSampleId :
DBDA1

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.0	12.1	18.1#
279	23.1	19.1	28.7

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#94
Benzo(g,h,i)perylene
Concen: 4.744 ng/ul
RT: 26.24 min Scan# 3970
Delta R.T. 0.01 min
Lab File: BP002026.D
Acq: 03 Mar 2020 17:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.7	16.2	24.2
277	23.4	18.1	27.1

