

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121420\
 Data File : BP004291.D
 Acq On : 15 Dec 2020 01:24
 Operator : CG/JU
 Sample : L5001-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54C9

Manual Integrations
 APPROVED

mohammad
 12/17/2020 9:52:08 AM

Quant Time: Dec 15 02:28:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 15 01:07:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	407381	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1743194	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	1079880	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.25	188	2268264	20.00	ng/ul	0.01
78) Chrysene-d12	21.34	240	2100111	20.00	ng/ul	0.02
86) Perylene-d12	23.70	264	2341629	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	14509	1.25	ng/uL	0.00
5) Phenol-d5	7.00	99	325341	9.65	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	183587	8.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	267672	10.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	239980	9.42	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	137666	9.64	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	146538	12.44	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	279820	10.81	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	304085	9.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	844193	10.23	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1110544	10.54	ng/ul	0.01
52) 4-Nitrophenol-d4	14.68	143	108605	7.79	ng/ul	0.02
58) Fluorene-d10	15.48	176	745384	9.97	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.60	200	33430	3.07	ng/ul	0.02
71) Anthracene-d10	17.35	188	1138968	10.30	ng/ul	0.01
79) Pyrene-d10	19.59	212	1271800	11.62	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.55	264	1320392	10.70	ng/ul	0.03

Target Compounds

					Ovalue
6) Phenol	7.03	94	58051	1.650	ng/ul 99
28) Naphthalene	10.68	128	138831	1.405	ng/ul 100
45) Dimethylphthalate	13.93	163	140923	1.676	ng/ul 99
50) Acenaphthene	14.55	153	291316	3.936	ng/ul 99
54) Dibenzofuran	14.89	168	213150	2.044	ng/ul 95
59) Fluorene	15.54	166	319530	3.831	ng/ul 99
70) Phenanthrene	17.29	178	4958986	37.058	ng/ul 99
72) Anthracene	17.38	178	990075	7.478	ng/ul 100
75) Carbazole	17.65	167	591233	5.488	ng/ul 100
77) Fluoranthene	19.26	202	8295763	58.058	ng/ul 98
80) Pyrene	19.62	202	6982424	49.289	ng/ul 97
83) Benzo(a)anthracene	21.32	228	3845713	27.781	ng/ul 97
85) Chrysene	21.37	228	3525655	25.962	ng/ul 97
88) Benzo(b)fluoranthene	22.99	252	4700549	31.654	ng/ul 99
89) Benzo(k)fluoranthene	23.03	252	1297728m	8.509	ng/ul
91) Benzo(a)pyrene	23.60	252	3173237	22.899	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	26.13	276	2113294	12.161	ng/ul 96
93) Dibenzo(a,h)anthracene	26.14	278	567168	3.894	ng/ul# 92
94) Benzo(g,h,i)perylene	26.88	276	1542593	10.581	ng/ul 96

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

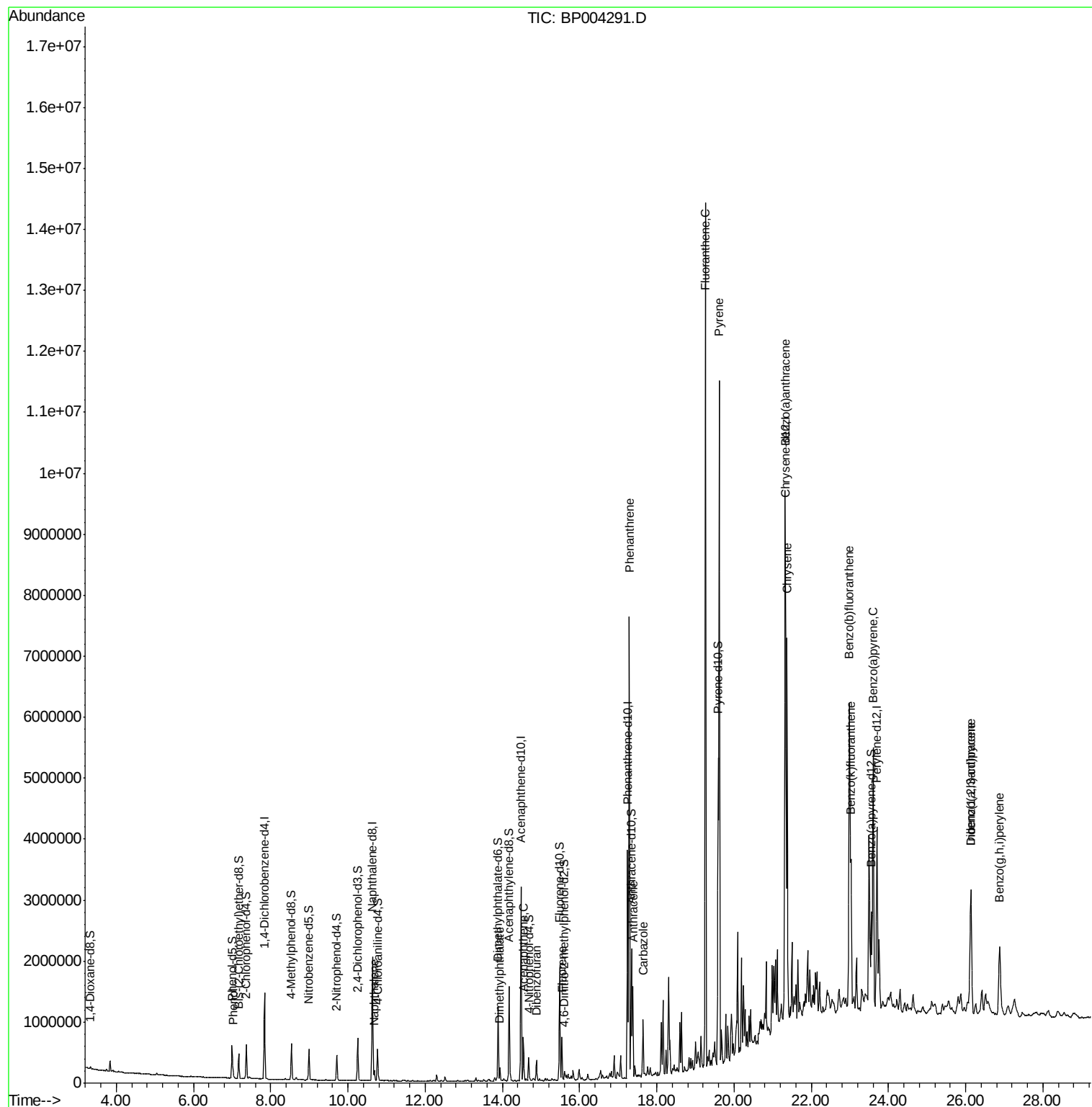
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004291.D
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Operator : CG/JU
Sample : L5001-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

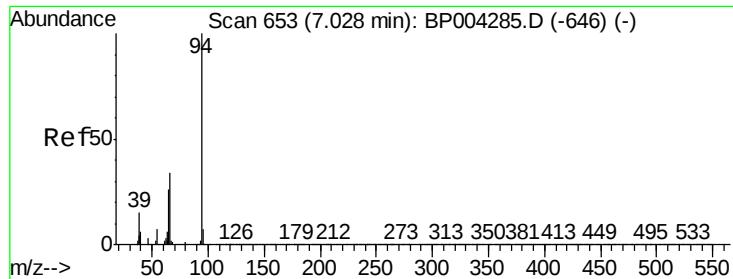
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 01:07:21 2020
Response via : Initial Calibration





#6

Phenol

Concen: 1.650 ng/ul

RT: 7.03 min Scan# 653

Delta R.T. 0.01 min

Lab File: BP004291.D

Acq: 15 Dec 2020 01:24

Instrument :

BNA_P

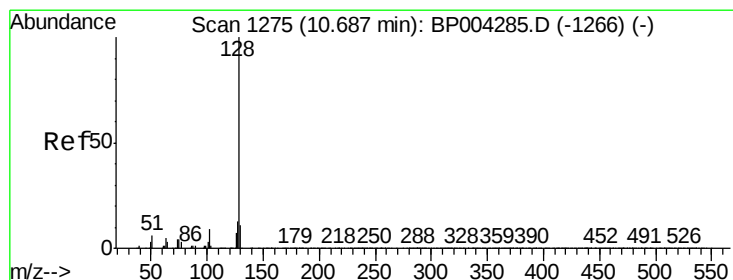
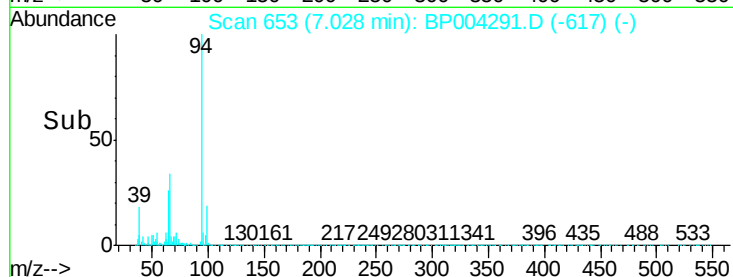
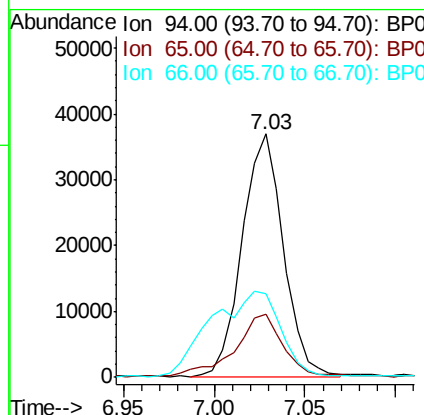
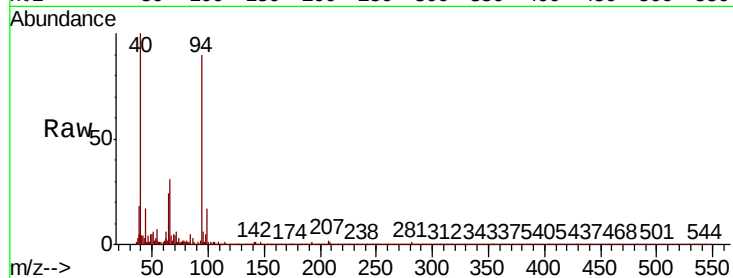
ClientSampleId :

A54C9

Tot Ion:	94	Resp:	58051
Ion Ratio	Lower	Upper	
94	100		
65	26.1	20.8	31.2
66	34.3	26.5	39.7

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#28

Naphthalene

Concen: 1.405 ng/ul

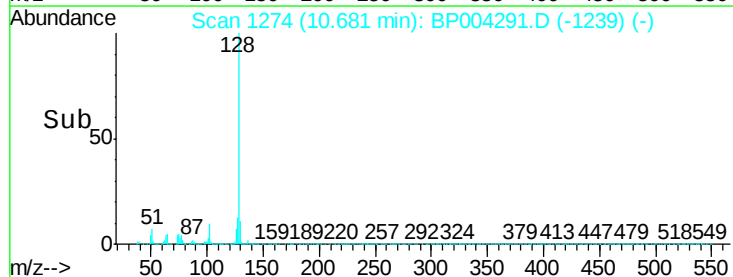
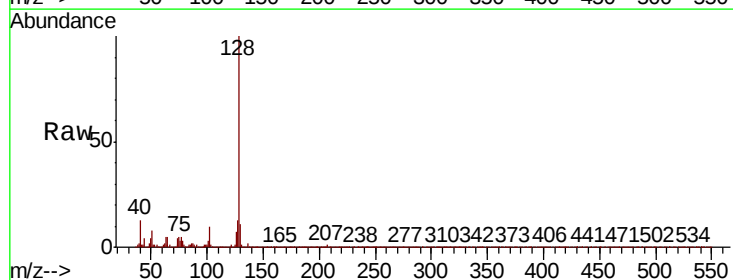
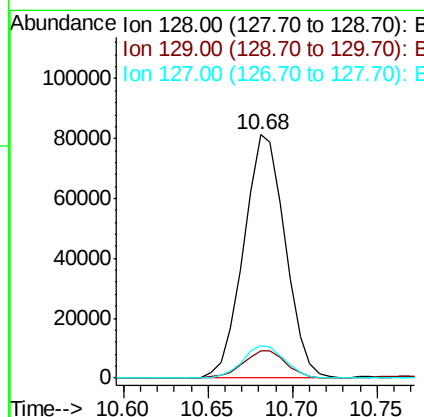
RT: 10.68 min Scan# 1274

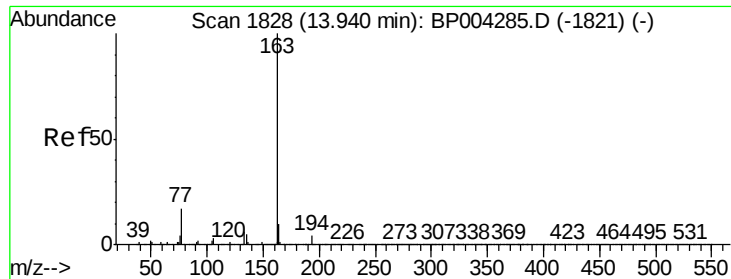
Delta R.T. 0.01 min

Lab File: BP004291.D

Acq: 15 Dec 2020 01:24

Tgt Ion:	128	Resp:	138831
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	13.2	10.6	16.0





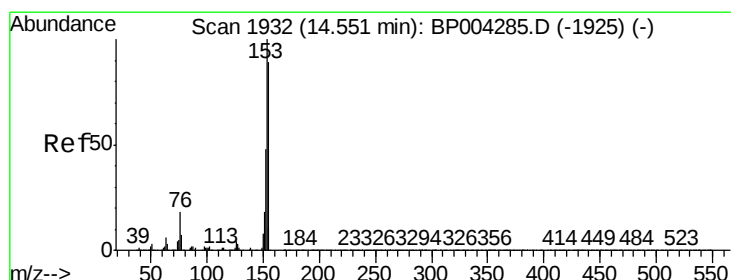
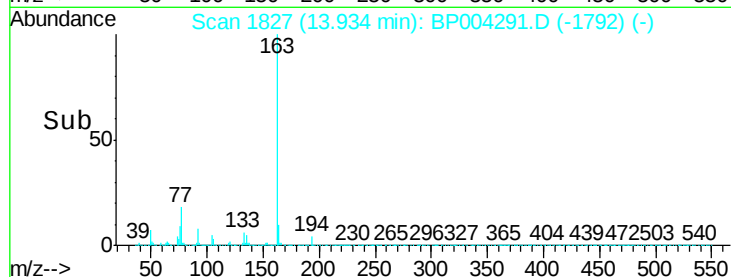
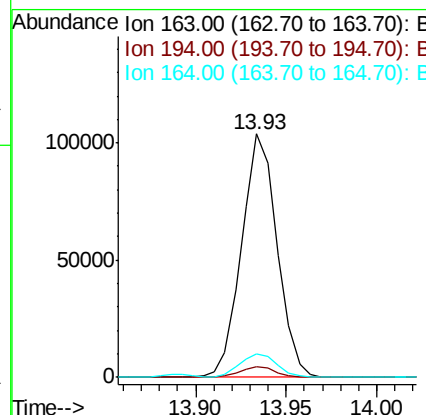
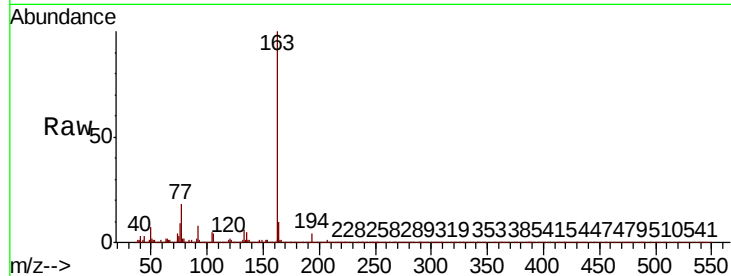
#45
Dimethylphthalate
Concen: 1.676 ng/ul
RT: 13.93 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BP004291.D
Acq: 15 Dec 2020 01:24

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.9	8.4	12.6

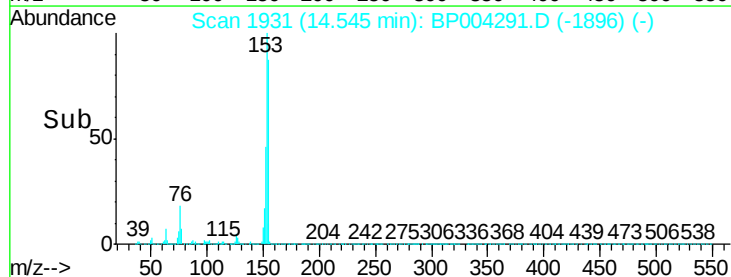
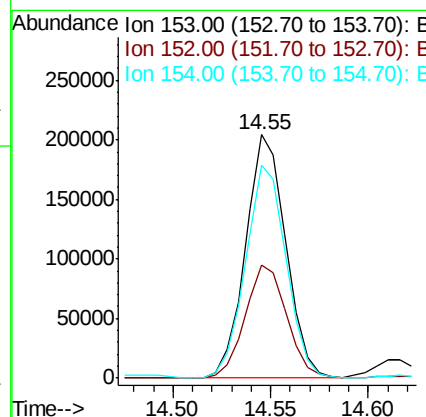
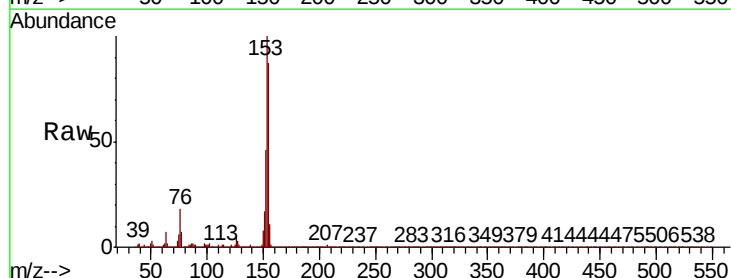
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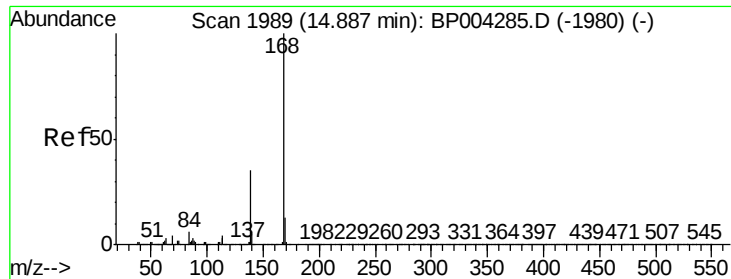
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#50
Acenaphthene
Concen: 3.936 ng/ul
RT: 14.55 min Scan# 1931
Delta R.T. 0.01 min
Lab File: BP004291.D
Acq: 15 Dec 2020 01:24

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.2	37.8	56.6
154	87.4	69.8	104.8





#54

Dibenzofuran

Concen: 2.044 ng/ul

RT: 14.89 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BP004291.D

Acq: 15 Dec 2020 01:24

Instrument :

BNA_P

ClientSampleId :

A54C9

Tot Ion:168 Resp: 213150

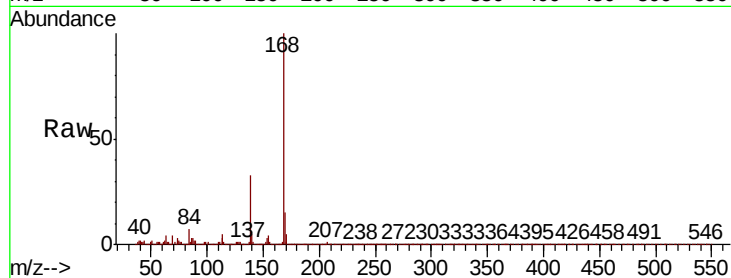
Ion Ratio Lower Upper

168 100

139 33.3 29.0 43.6

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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.89

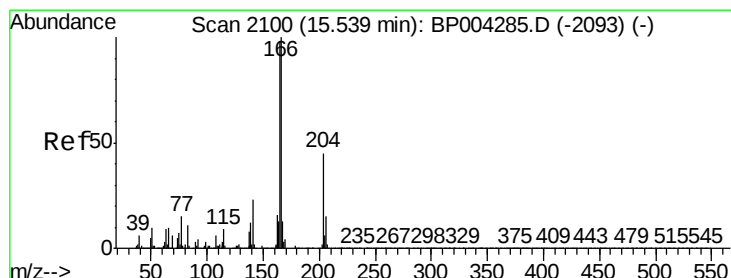
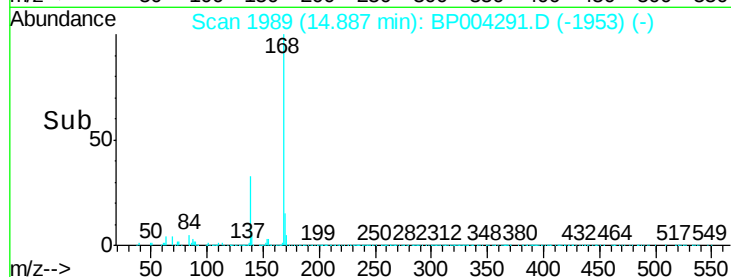
150000

100000

50000

0

Time--> 14.80 14.85 14.90 14.95



#59

Fluorene

Concen: 3.831 ng/ul

RT: 15.54 min Scan# 2100

Delta R.T. 0.01 min

Lab File: BP004291.D

Acq: 15 Dec 2020 01:24

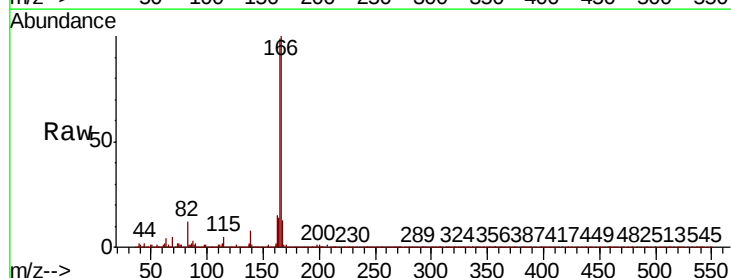
Tgt Ion:166 Resp: 319530

Ion Ratio Lower Upper

166 100

165 98.8 78.2 117.2

167 13.4 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.54

300000

250000

200000

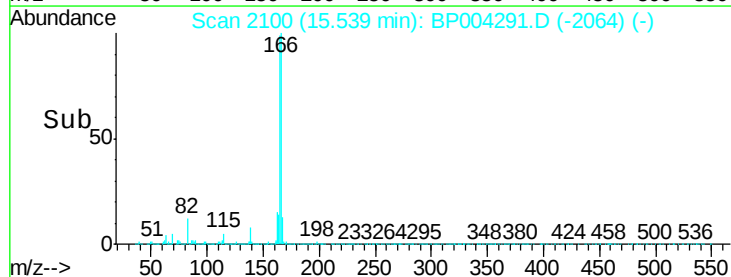
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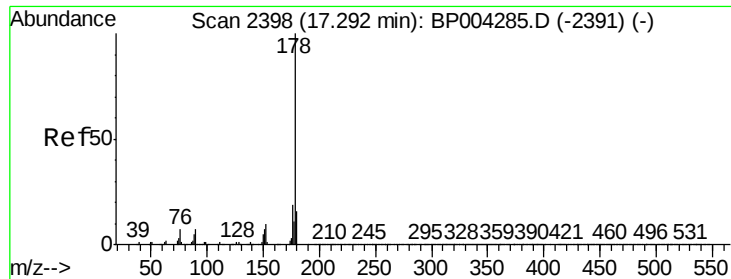
100000

50000

0

Time--> 15.50 15.55 15.60





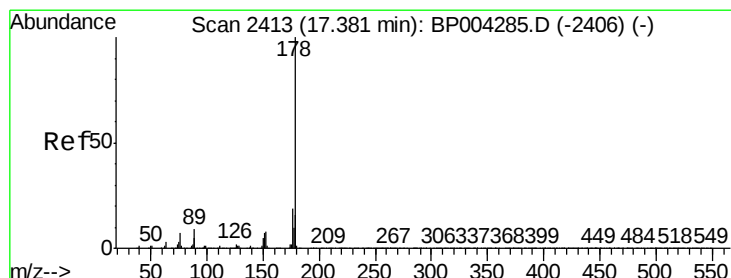
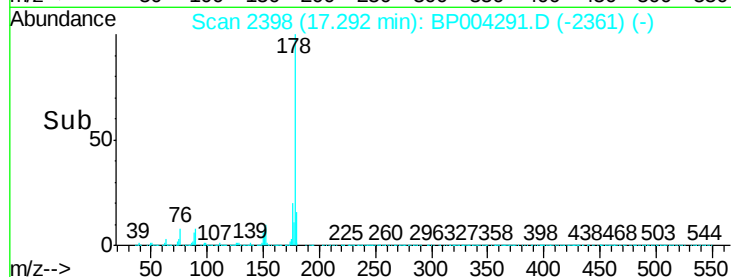
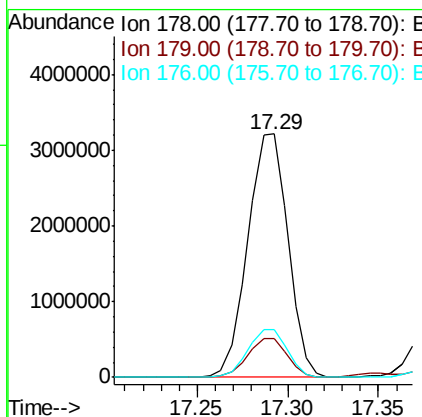
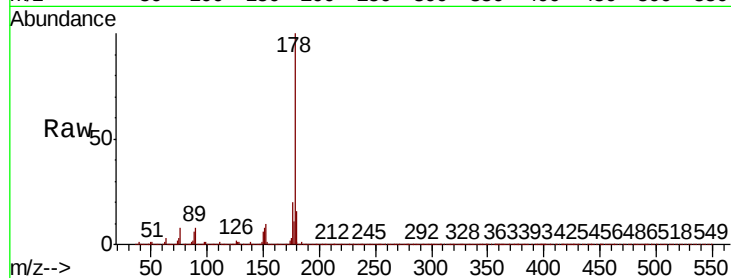
#70
Phenanthrene
Concen: 37.058 ng/ul
RT: 17.29 min Scan# 2398
Delta R.T. 0.02 min
Lab File: BP004291.D
Acq: 15 Dec 2020 01:24

Instrument :
BNA_P
ClientSampleId :
A54C9

Tot Ion:178 Resp: 4958986
Ion Ratio Lower Upper
178 100
179 16.0 12.4 18.6
176 19.7 15.4 23.0

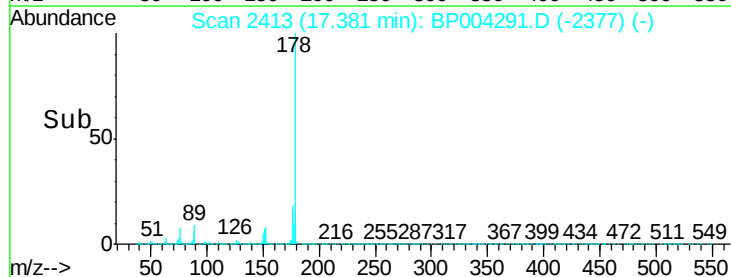
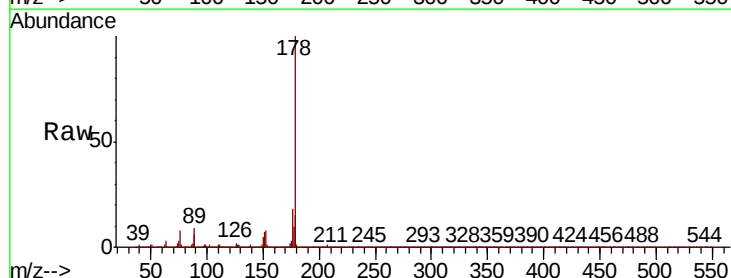
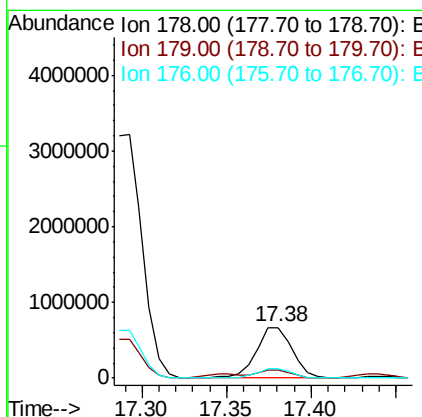
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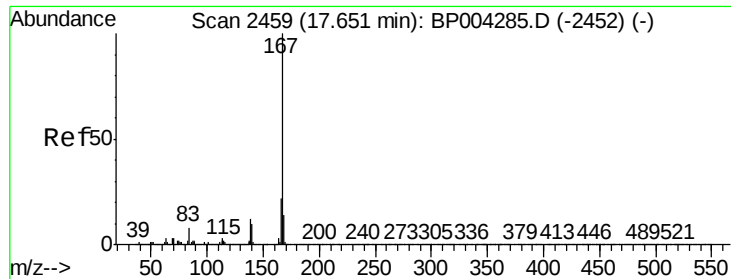
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#72
Anthracene
Concen: 7.478 ng/ul
RT: 17.38 min Scan# 2413
Delta R.T. 0.01 min
Lab File: BP004291.D
Acq: 15 Dec 2020 01:24

Tgt Ion:178 Resp: 990075
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 18.3 14.9 22.3





#75

Carbazole

Concen: 5.488 ng/ul

RT: 17.65 min Scan# 2458

Delta R.T. 0.01 min

Lab File: BP004291.D

Acq: 15 Dec 2020 01:24

Instrument :

BNA_P

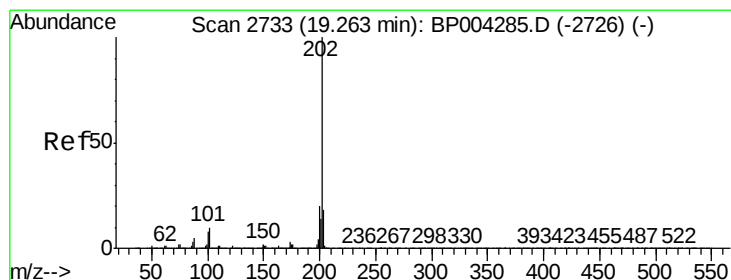
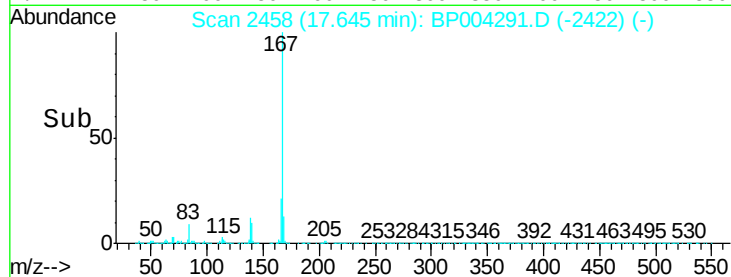
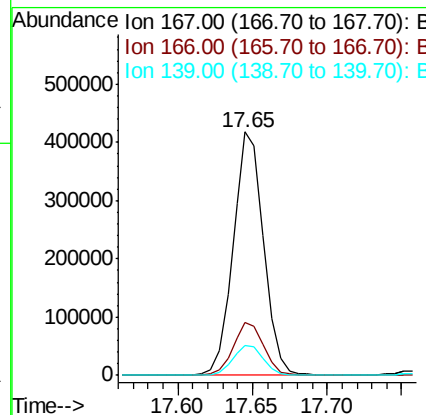
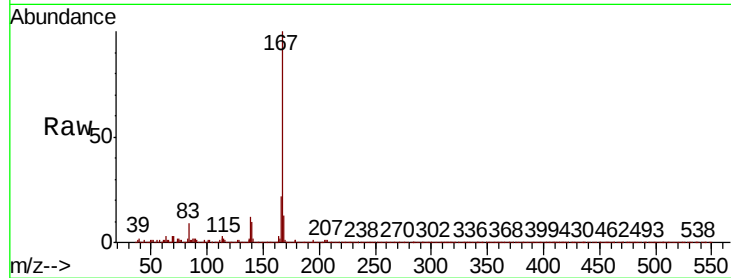
ClientSampleId :

A54C9

Tot Ion:	167	Resp:	591233
Ion Ratio	Lower	Upper	
167	100		
166	21.5	17.1	25.7
139	12.3	9.8	14.6

Manual Integrations
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#77

Fluoranthene

Concen: 58.058 ng/ul

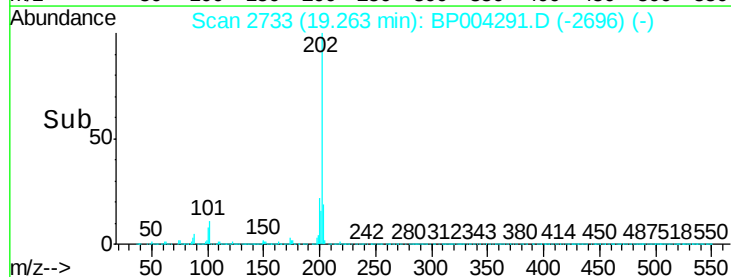
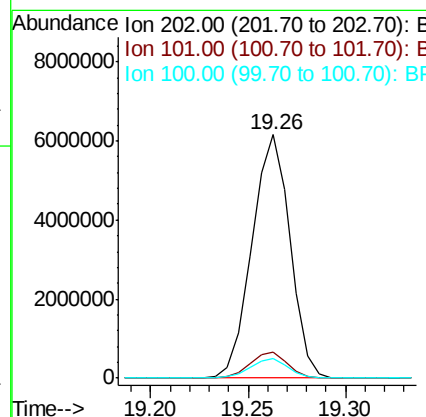
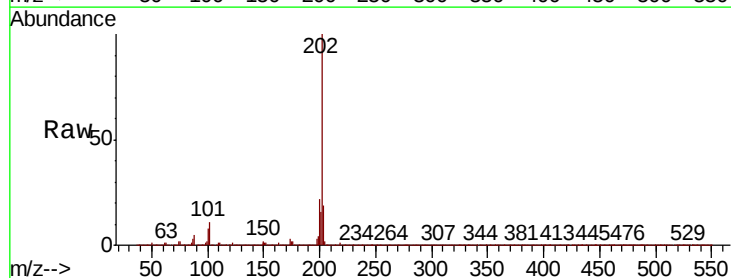
RT: 19.26 min Scan# 2733

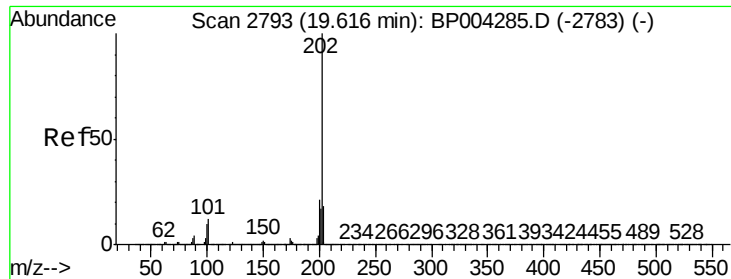
Delta R.T. 0.02 min

Lab File: BP004291.D

Acq: 15 Dec 2020 01:24

Tgt Ion:	202	Resp:	8295763
Ion Ratio	Lower	Upper	
202	100		
101	10.5	9.1	13.7
100	8.0	7.1	10.7





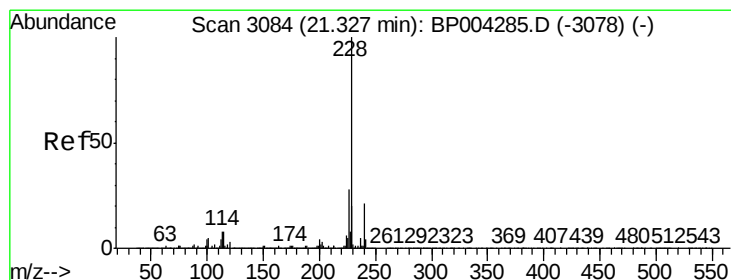
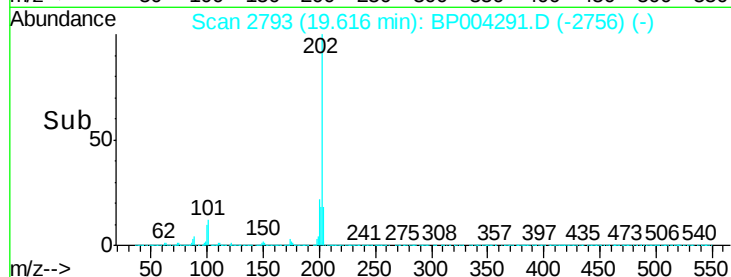
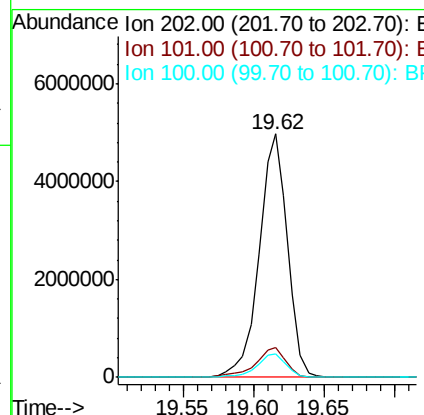
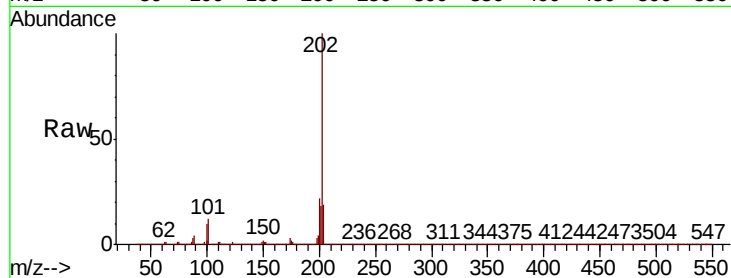
#80
Pvrene
Concen: 49.289 ng/ul
RT: 19.62 min Scan# 2793
Delta R.T. 0.02 min
Lab File: BP004291.D
Acq: 15 Dec 2020 01:24

Instrument :
BNA_P
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.6	15.8
100	9.7	8.6	12.8

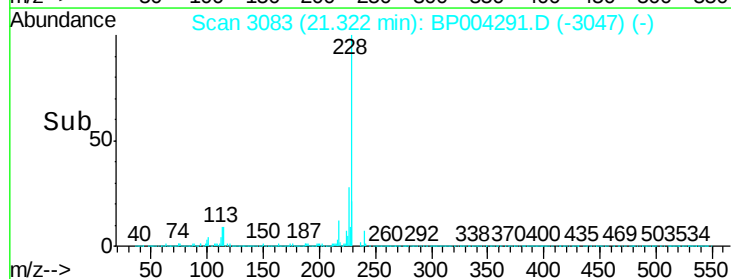
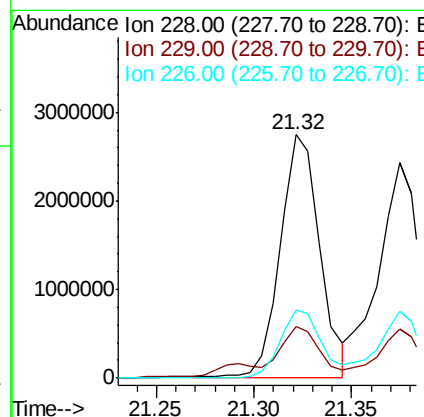
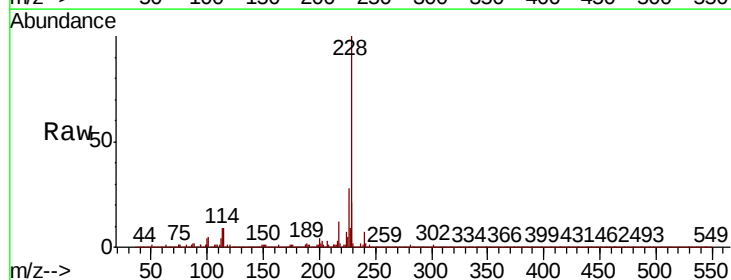
Manual Integrations
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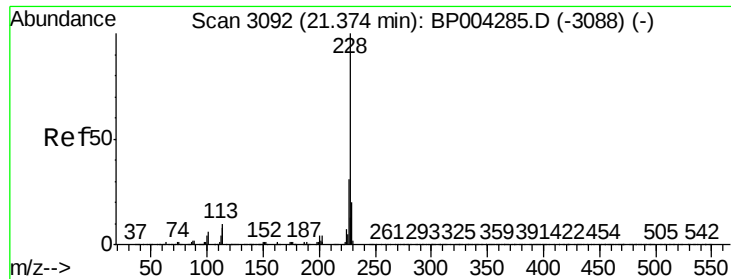
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#83
Benzo(a)anthracene
Concen: 27.781 ng/ul
RT: 21.32 min Scan# 3083
Delta R.T. 0.01 min
Lab File: BP004291.D
Acq: 15 Dec 2020 01:24

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.8
226	28.2	21.7	32.5





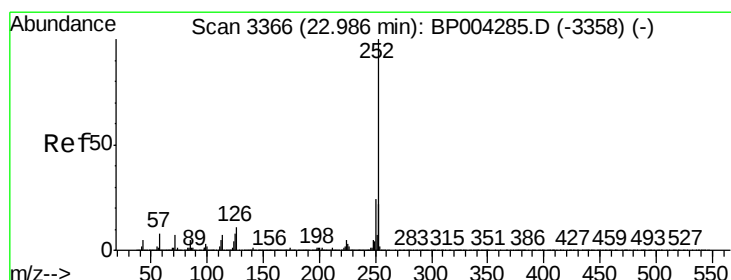
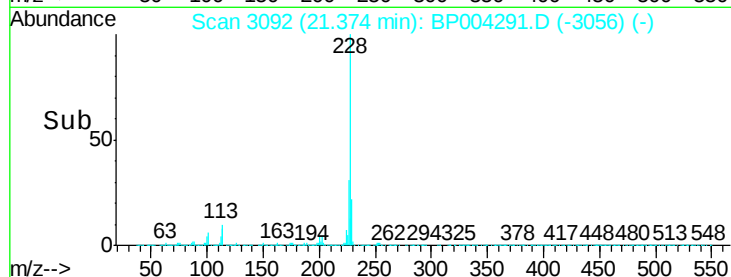
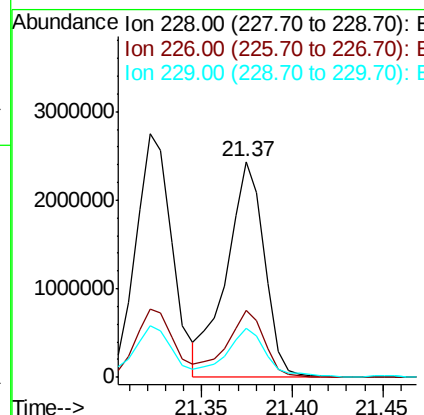
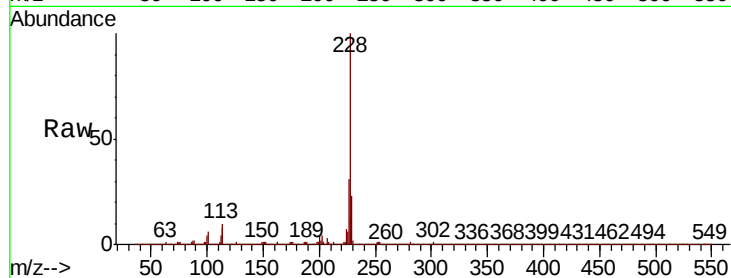
#85
Chrysene
Concen: 25.962 ng/ul
RT: 21.37 min Scan# 3092
Delta R.T. 0.01 min
Lab File: BP004291.D
Acq: 15 Dec 2020 01:24

Instrument :
BNA_P
ClientSampleId :
A54C9

Tot Ion:	228	Resp:	3525655
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.2
229	22.6	15.8	23.8

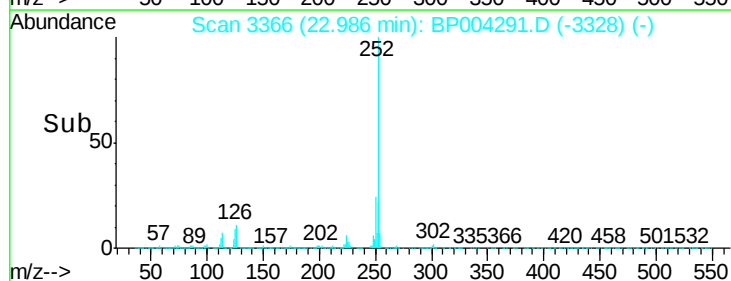
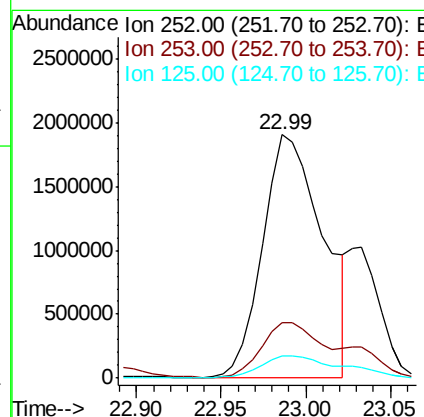
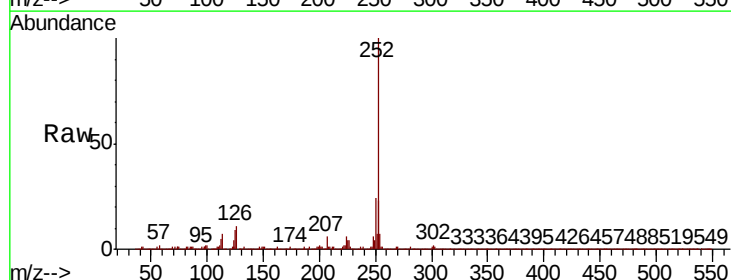
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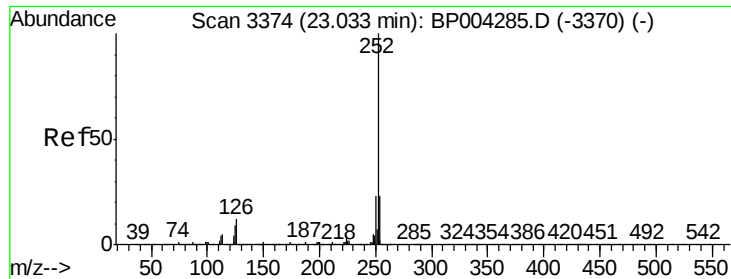
mohammad
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#88
Benzo(b)fluoranthene
Concen: 31.654 ng/ul
RT: 22.99 min Scan# 3366
Delta R.T. 0.02 min
Lab File: BP004291.D
Acq: 15 Dec 2020 01:24

Tgt Ion:	252	Resp:	4700549
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	9.0	7.7	11.5





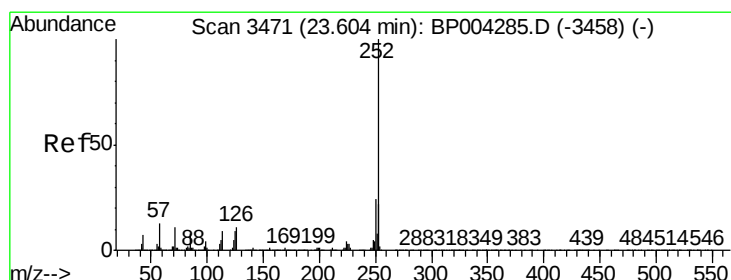
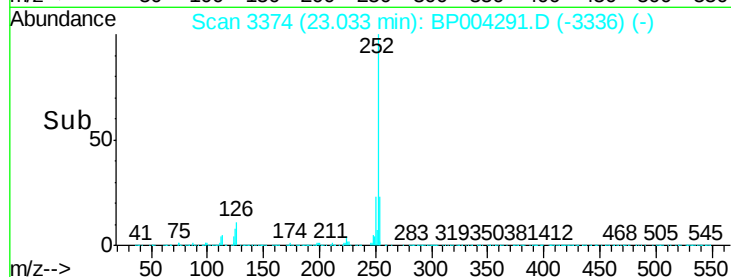
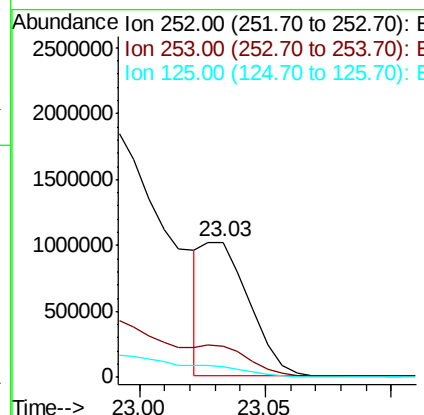
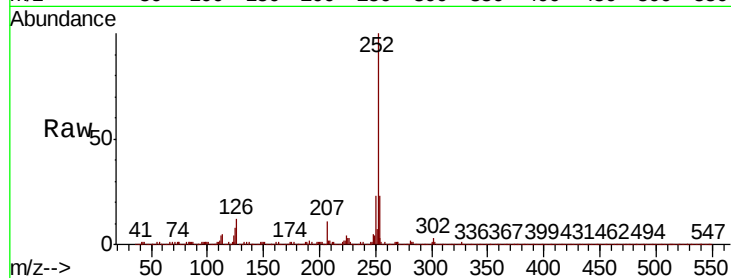
#89
Benzo(k)fluoranthene
Concen: 8.509 ng/ul m
RT: 23.03 min Scan# 3374
Delta R.T. 0.02 min
Lab File: BP004291.D
Acq: 15 Dec 2020 01:24

Instrument :
BNA_P
ClientSampleId :
A54C9

Tot Ion:252 Resp: 1297728
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 8.4 7.3 10.9

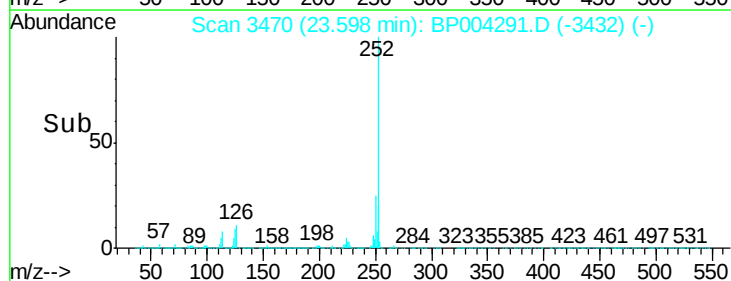
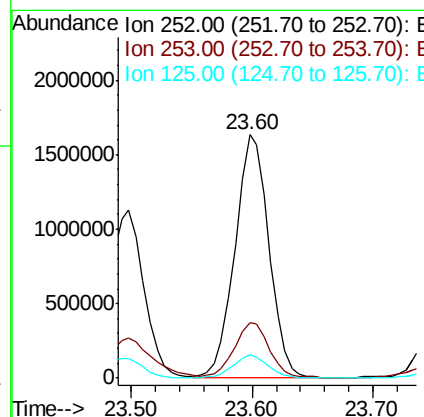
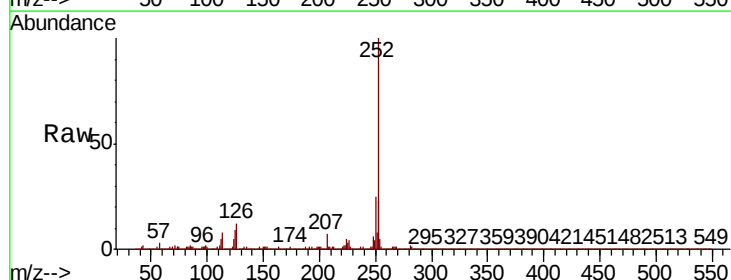
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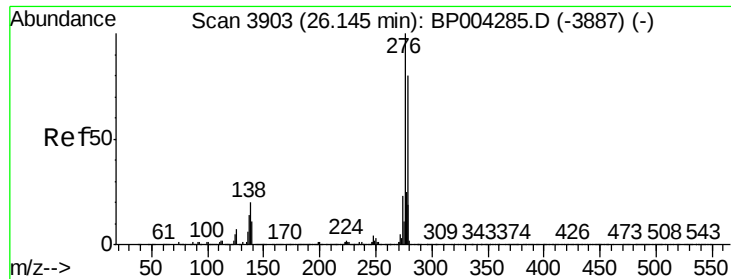
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#91
Benzo(a)pyrene
Concen: 22.899 ng/ul
RT: 23.60 min Scan# 3470
Delta R.T. 0.02 min
Lab File: BP004291.D
Acq: 15 Dec 2020 01:24

Tgt Ion:252 Resp: 3173237
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 9.4 7.8 11.6





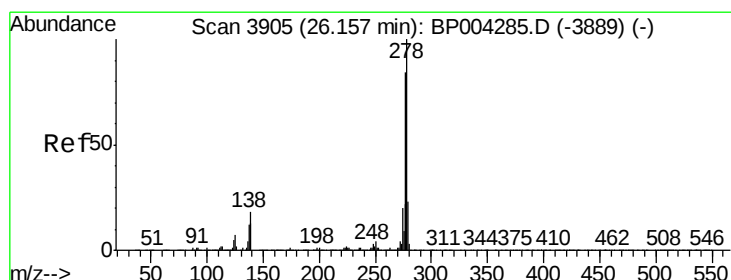
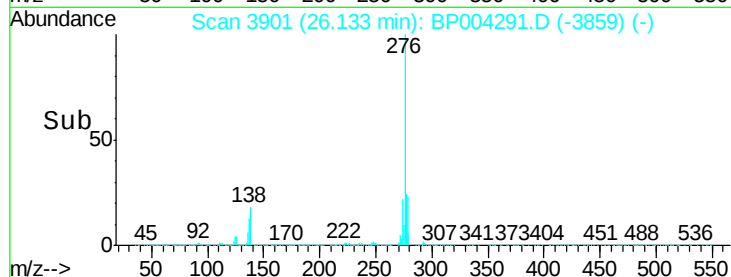
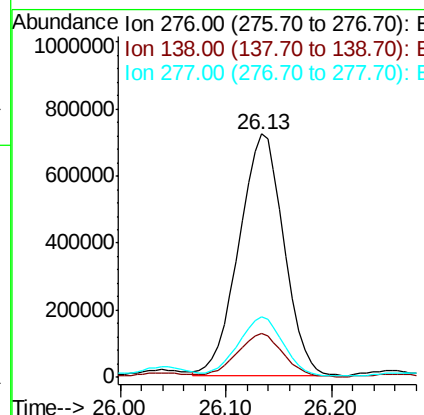
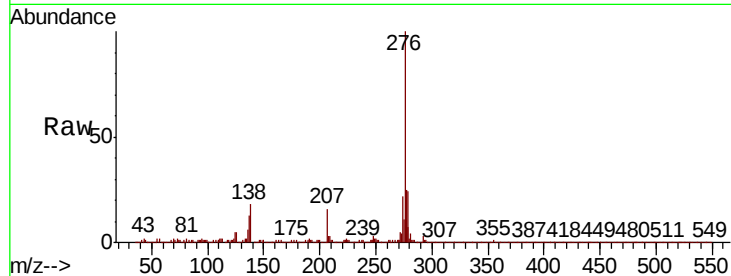
#92
Indeno(1,2,3-cd)pyrene
Concen: 12.161 ng/ul
RT: 26.13 min Scan# 3901
Delta R.T. 0.05 min
Lab File: BP004291.D
Acq: 15 Dec 2020 01:24

Instrument :
BNA_P
ClientSampleId :
A54C9

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.8	17.8	26.6
277	24.7	19.8	29.6

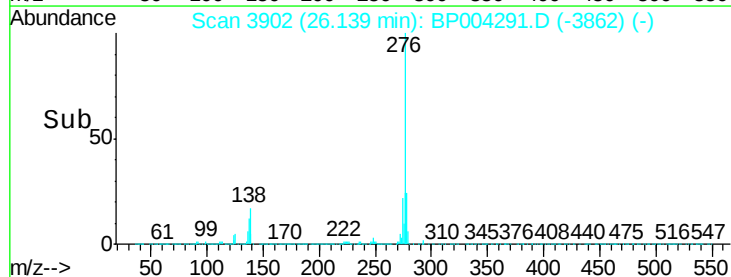
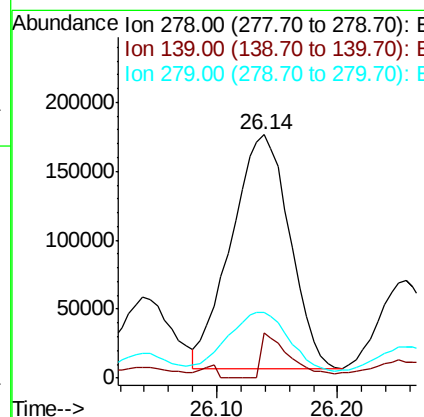
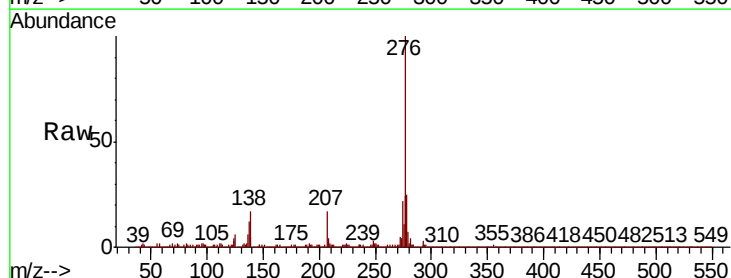
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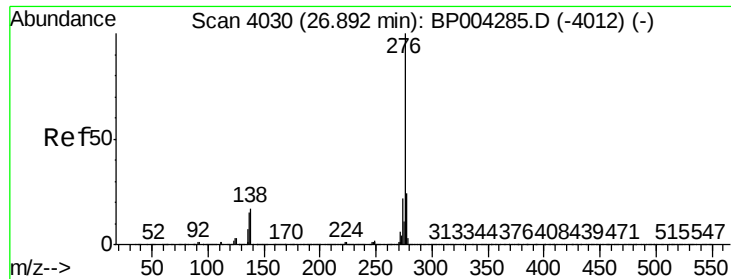
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#93
Dibenzo(a,h)anthracene
Concen: 3.894 ng/ul
RT: 26.14 min Scan# 3902
Delta R.T. 0.04 min
Lab File: BP004291.D
Acq: 15 Dec 2020 01:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	11.9	17.9#
279	26.8	18.6	28.0





#94

Benzo(a,h,i)perylene

Concen: 10.581 ng/ul

RT: 26.88 min Scan# 4028

Delta R.T. 0.05 min

Lab File: BP004291.D

Acq: 15 Dec 2020 01:24

Instrument :

BNA_P

ClientSampleId :

A54C9

Tot Ion:276 Resp: 1542593

Ion Ratio Lower Upper

276 100

138 18.3 16.6 25.0

277 24.8 18.5 27.7

Manual Integrations

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mohammad

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