

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
 Data File : BP004308.D
 Acq On : 15 Dec 2020 17:19
 Operator : CG/JU
 Sample : L5001-12
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54D0

Manual Integrations
 APPROVED

mohammad
 12/17/2020 9:52:54 AM

Quant Time: Dec 15 17:59:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 15 09:00:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	286889	20.00	ng/ul	0.01
18) Naphthalene-d8	10.65	136	1217547	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.49	164	747013	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.26	188	1547045	20.00	ng/ul	0.01
78) Chrysene-d12	21.36	240	1398771	20.00	ng/ul	0.02
86) Perylene-d12	23.73	264	1597930	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	16199	1.98	ng/uL	0.00
5) Phenol-d5	7.01	99	368947	15.55	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	209699	14.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	305652	16.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	230390	12.85	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	158424	15.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	140593	17.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	314752	17.40	ng/ul	0.01
29) 4-Chloroaniline-d4	10.77	131	327689	14.62	ng/ul	0.01
44) Dimethylphthalate-d6	13.90	166	955798	16.74	ng/ul	0.00
47) Acenaphthylene-d8	14.19	160	1255949	17.24	ng/ul	0.01
52) 4-Nitrophenol-d4	14.70	143	93002	9.64	ng/ul	0.02
58) Fluorene-d10	15.49	176	841521	16.27	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.63	200	4326	0.58	ng/ul	0.02
71) Anthracene-d10	17.36	188	1283725	17.03	ng/ul	0.01
79) Pyrene-d10	19.60	212	1348075	18.50	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.57	264	1481884	17.60	ng/ul	0.03

Target Compounds

					Ovalue
6) Phenol	7.04	94	71335	2.879	ng/ul 97
45) Dimethylphthalate	13.95	163	196063	3.372	ng/ul 99
48) Acenaphthylene	14.22	152	78529	1.086	ng/ul 97
50) Acenaphthene	14.56	153	117983	2.304	ng/ul 98
54) Dibenzofuran	14.89	168	114233	1.583	ng/ul 100
59) Fluorene	15.55	166	186715	3.236	ng/ul 99
70) Phenanthrene	17.30	178	2915165	31.940	ng/ul 99
72) Anthracene	17.39	178	772768	8.558	ng/ul 99
75) Carbazole	17.66	167	199967	2.721	ng/ul 99
77) Fluoranthene	19.27	202	4358054	44.719	ng/ul 96
80) Pyrene	19.63	202	3717941	39.404	ng/ul 96
83) Benzo(a)anthracene	21.34	228	2192373	23.778	ng/ul 97
84) Bis(2-ethylhexyl)phthalate	21.26	149	143445	3.401	ng/ul# 94
85) Chrysene	21.39	228	1873537	20.713	ng/ul 96
88) Benzo(b)fluoranthene	23.01	252	2354641	23.236	ng/ul 96
89) Benzo(k)fluoranthene	23.05	252	948406m	9.113	ng/ul
91) Benzo(a)pyrene	23.63	252	1835721	19.413	ng/ul 95
92) Indeno(1,2,3-cd)pyrene	26.17	276	1155294	9.742	ng/ul 94
93) Dibenzo(a,h)anthracene	26.17	278	321303	3.233	ng/ul# 80
94) Benzo(g,h,i)perylene	26.93	276	877913	8.824	ng/ul 94

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

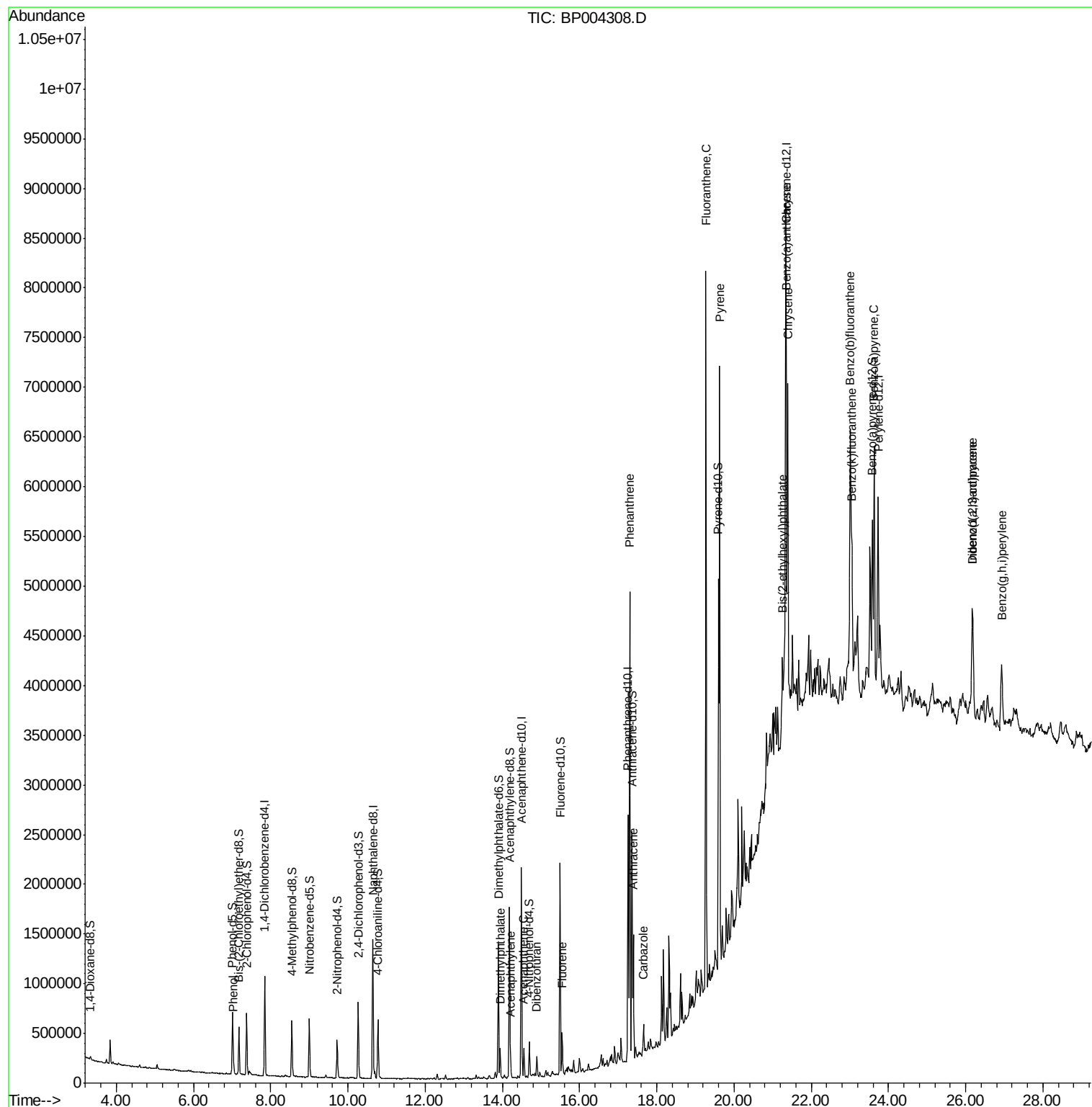
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004308.D
Acq On : 15 Dec 2020 17:19
Operator : CG/JU
Sample : L5001-12
Misc :
ALS Vial : 43 Sample Multiplier: 1

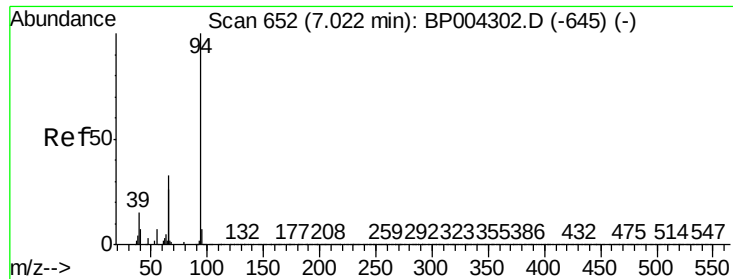
Instrument :
BNA_P
ClientSampled :
A54D0

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Quant Time: Dec 15 17:59:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 09:00:06 2020
Response via : Initial Calibration





#6

Phenol

Concen: 2.879 ng/ul

RT: 7.04 min Scan# 655

Delta R.T. 0.01 min

Lab File: BP004308.D

Acq: 15 Dec 2020 17:19

Instrument :

BNA_P

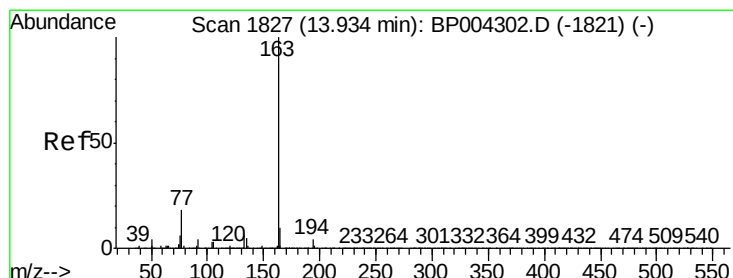
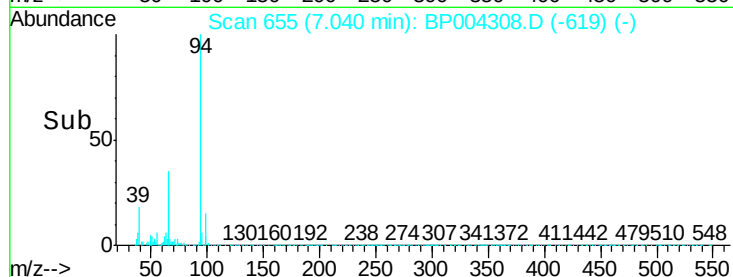
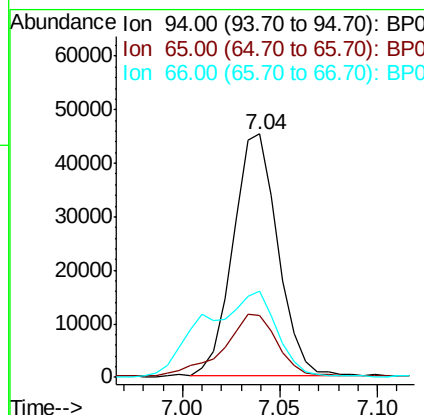
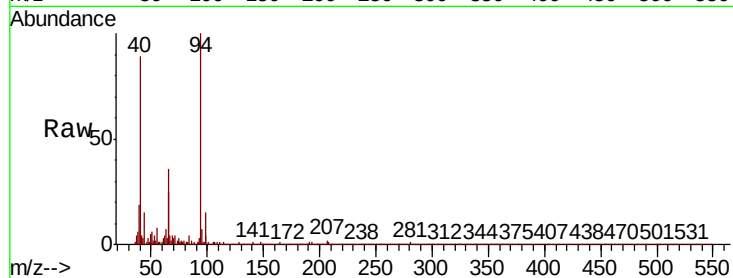
ClientSampleId :

A54D0

Tot Ion:	94	Resp:	71335
Ion Ratio	Lower	Upper	
94	100		
65	25.4	20.8	31.2
66	35.5	26.5	39.7

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#45

Dimethylphthalate

Concen: 3.372 ng/ul

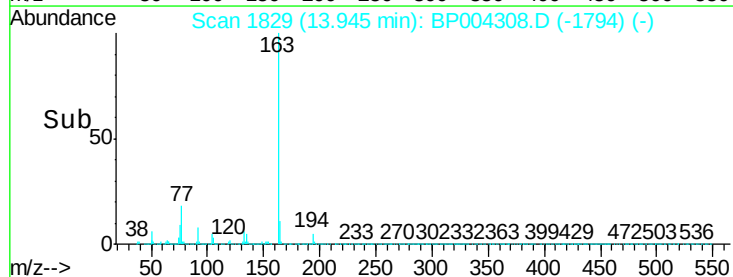
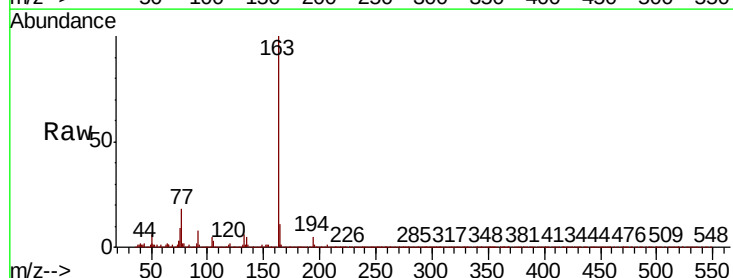
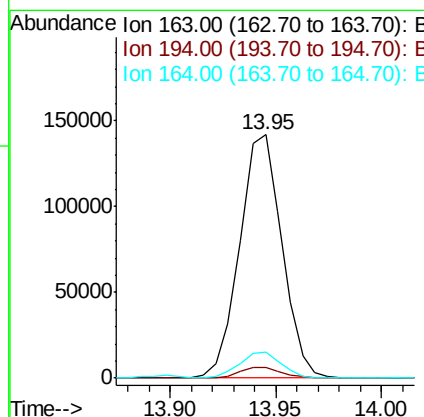
RT: 13.95 min Scan# 1829

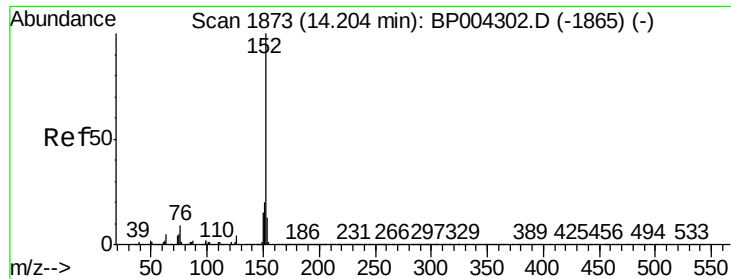
Delta R.T. 0.01 min

Lab File: BP004308.D

Acq: 15 Dec 2020 17:19

Tgt Ion:	163	Resp:	196063
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.4	5.2
164	10.8	8.4	12.6





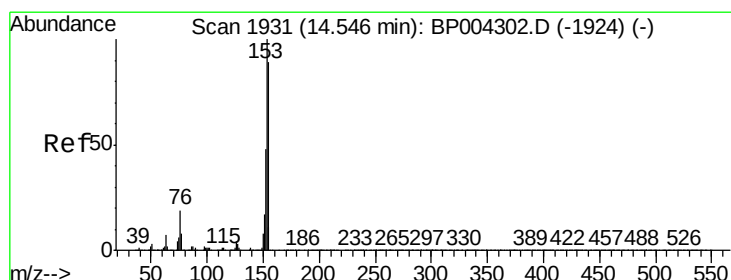
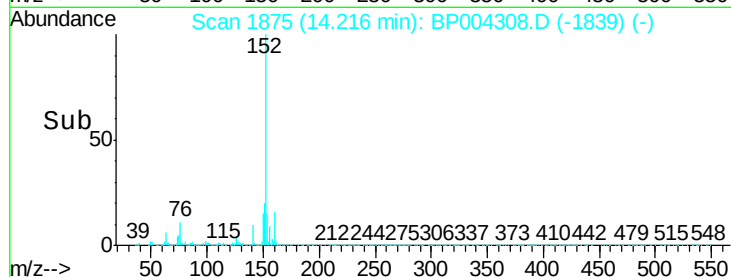
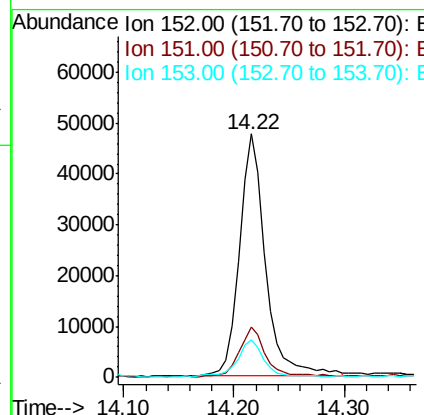
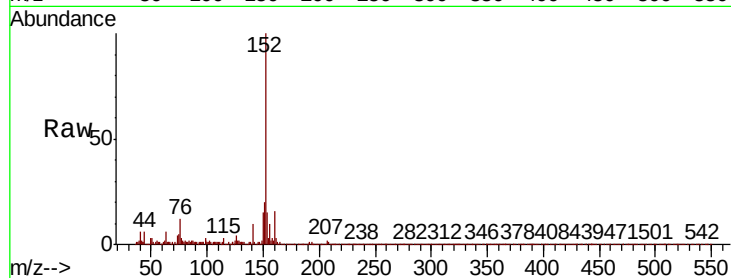
#48
Acenaphthylene
Concen: 1.086 ng/ul
RT: 14.22 min Scan# 1875
Delta R.T. 0.01 min
Lab File: BP004308.D
Acq: 15 Dec 2020 17:19

Instrument :
BNA_P
ClientSampleId :
A54D0

Tot Ion:	152	Resp:	78529
Ion Ratio	Lower	Upper	
152	100		
151	20.5	15.8	23.8
153	15.2	10.6	16.0

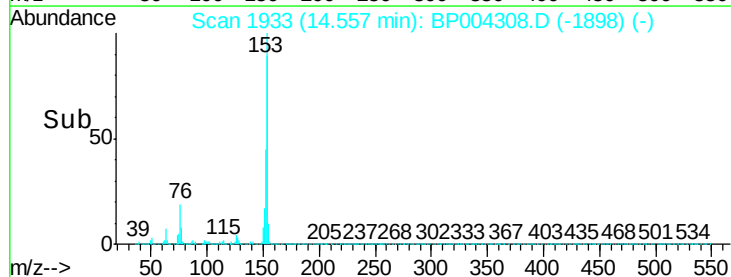
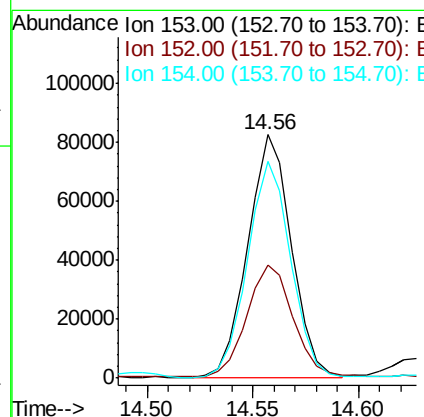
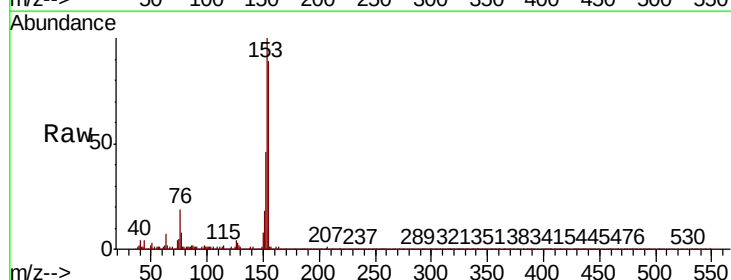
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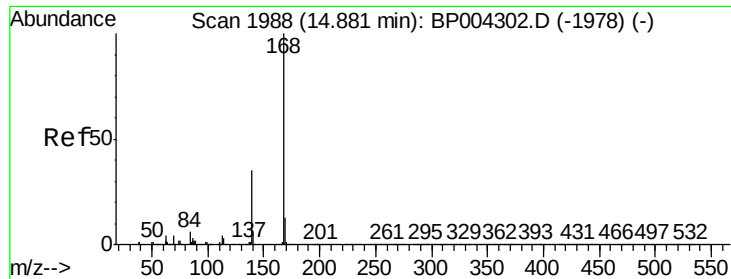
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#50
Acenaphthene
Concen: 2.304 ng/ul
RT: 14.56 min Scan# 1933
Delta R.T. 0.01 min
Lab File: BP004308.D
Acq: 15 Dec 2020 17:19

Tgt Ion:	153	Resp:	117983
Ion Ratio	Lower	Upper	
153	100		
152	46.4	37.8	56.6
154	88.9	69.8	104.8





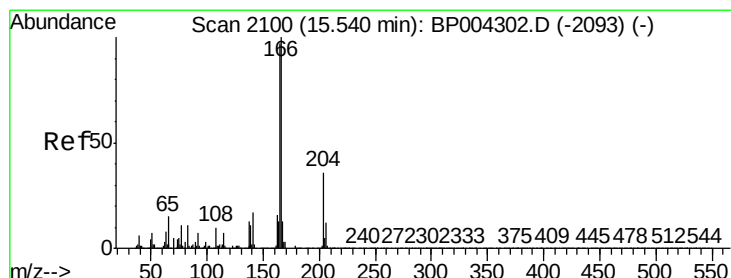
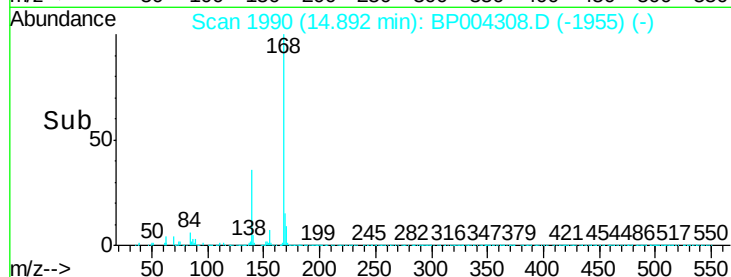
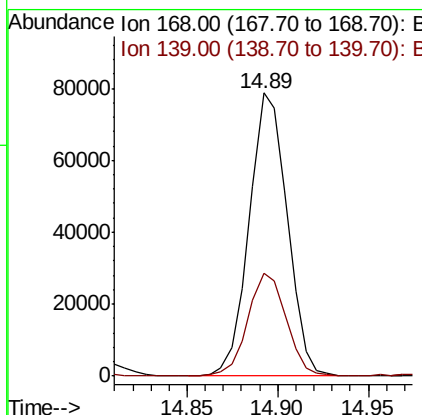
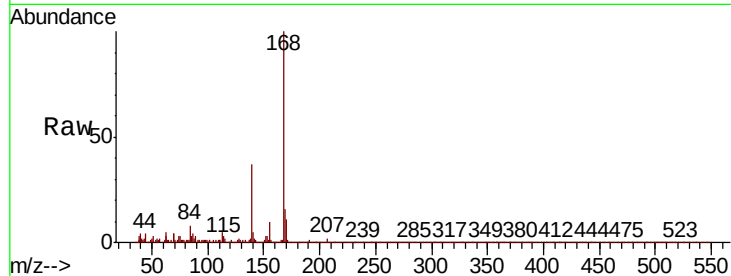
#54
Dibenzenofuran
Concen: 1.583 ng/ul
RT: 14.89 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BP004308.D
Acq: 15 Dec 2020 17:19

Instrument :
BNA_P
ClientSampleId :
A54D0

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.5	29.0	43.6

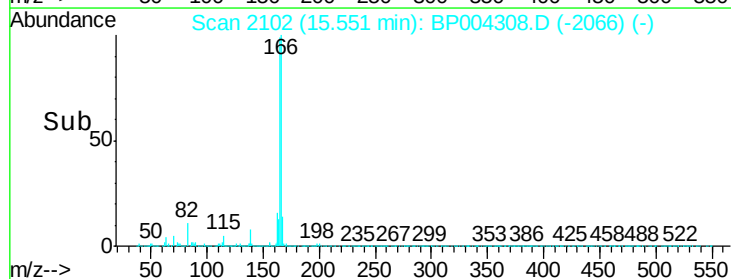
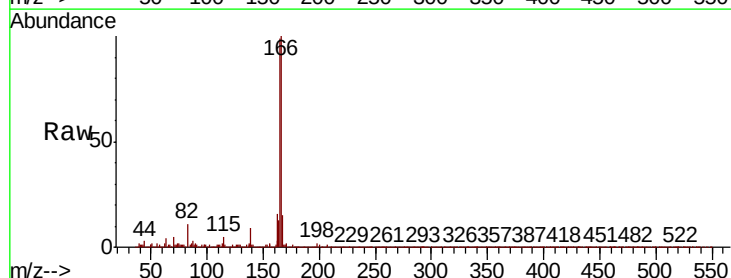
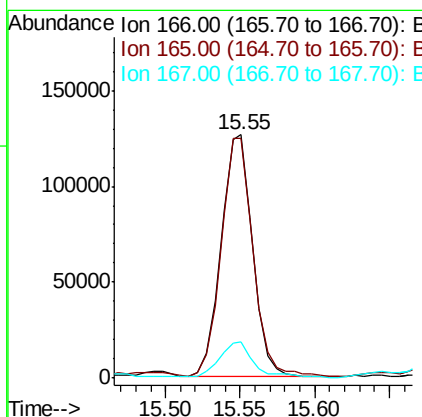
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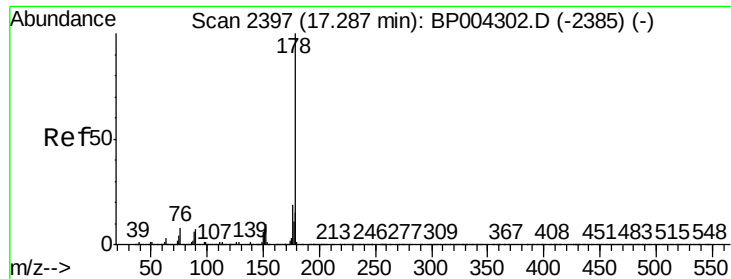
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#59
Fluorene
Concen: 3.236 ng/ul
RT: 15.55 min Scan# 2102
Delta R.T. 0.01 min
Lab File: BP004308.D
Acq: 15 Dec 2020 17:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.2	117.2
167	14.9	10.8	16.2





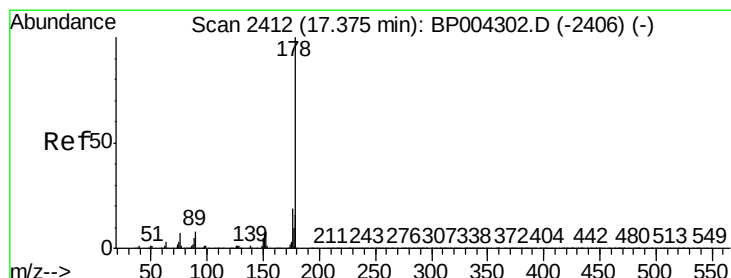
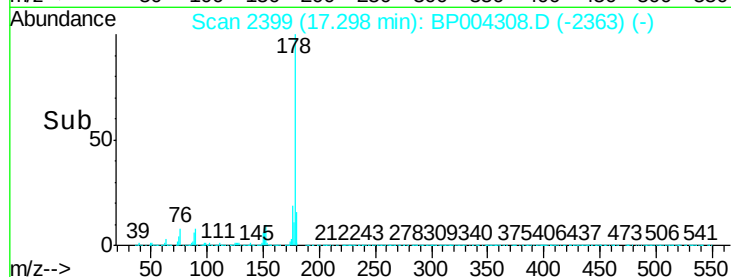
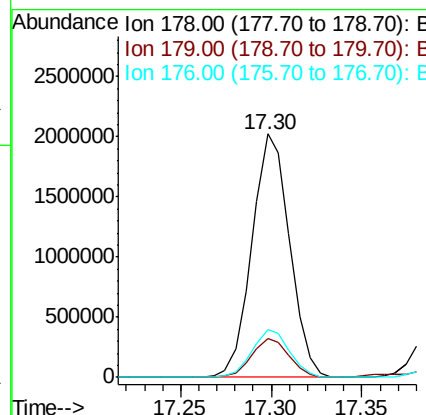
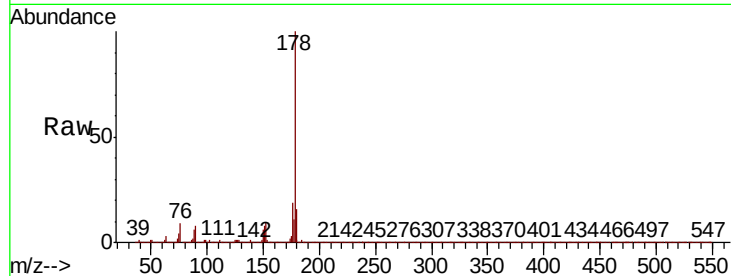
#70
Phenanthrene
Concen: 31.940 ng/ul
RT: 17.30 min Scan# 2399
Delta R.T. 0.01 min
Lab File: BP004308.D
Acq: 15 Dec 2020 17:19

Instrument :
BNA_P
ClientSampled :
A54D0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	19.4	15.4	23.0

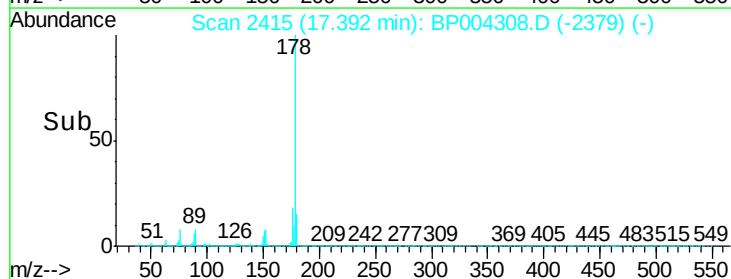
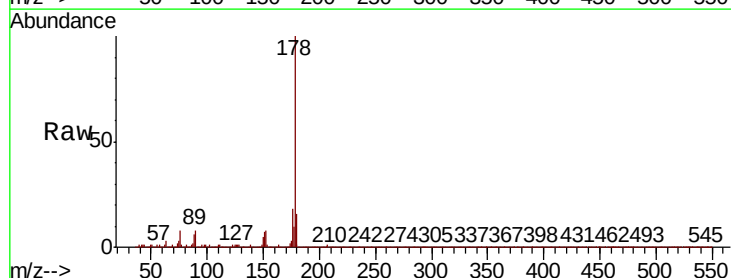
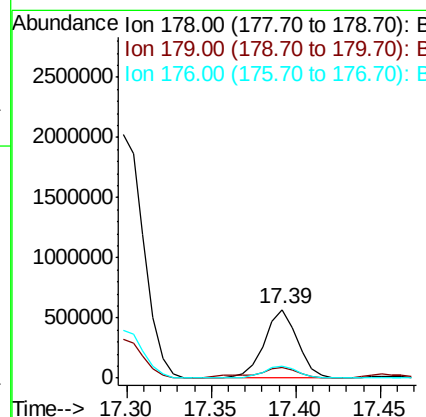
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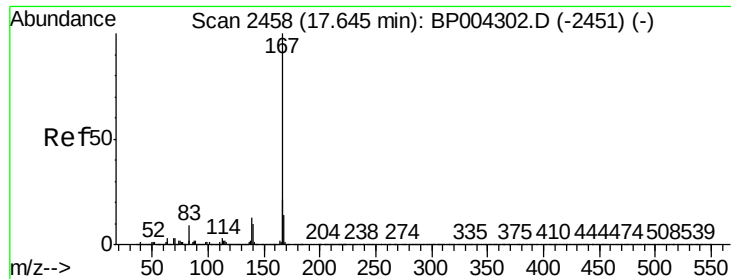
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#72
Anthracene
Concen: 8.558 ng/ul
RT: 17.39 min Scan# 2415
Delta R.T. 0.01 min
Lab File: BP004308.D
Acq: 15 Dec 2020 17:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.2	14.9	22.3





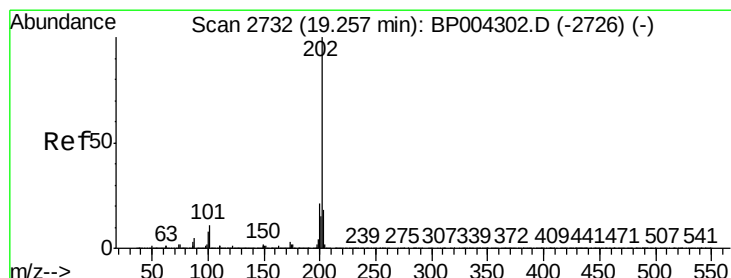
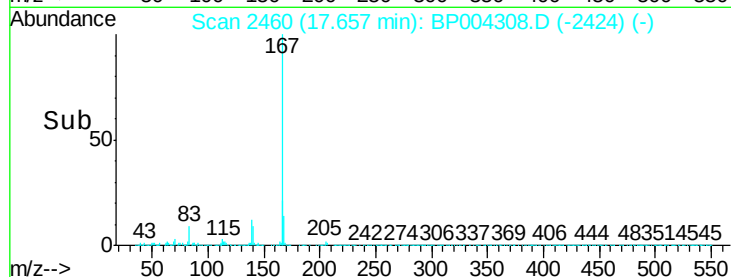
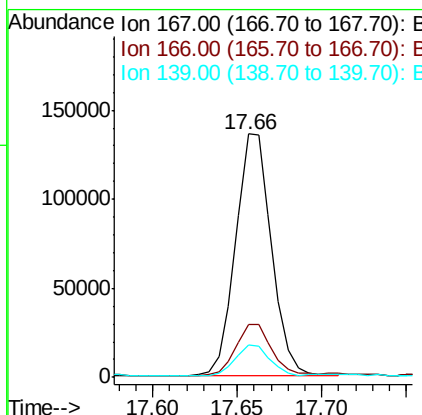
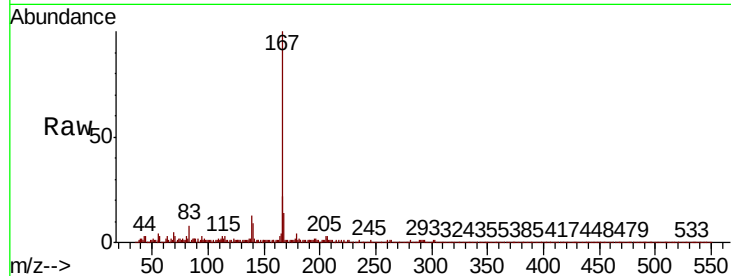
#75
 Carbazole
 Concen: 2.721 ng/ul
 RT: 17.66 min Scan# 2460
 Delta R.T. 0.01 min
 Lab File: BP004308.D
 Acq: 15 Dec 2020 17:19

Instrument :
 BNA_P
 ClientSampleId :
 A54D0

Tot Ion:	167	Resp:	199967
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.1	25.7
139	13.2	9.8	14.6

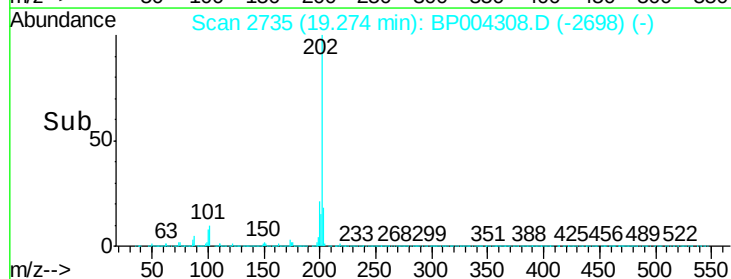
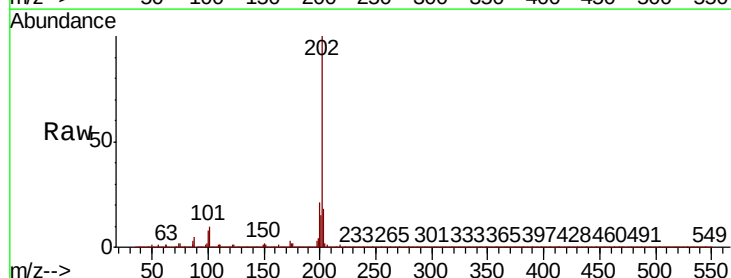
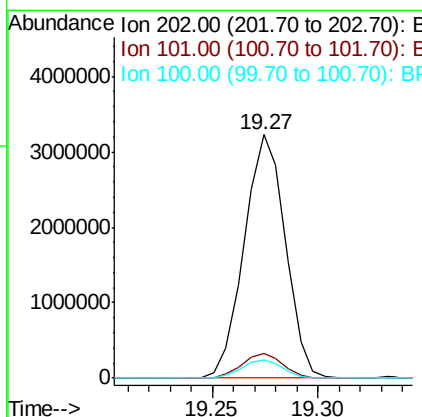
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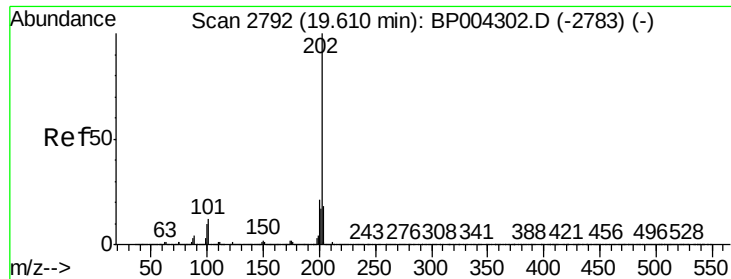
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#77
 Fluoranthene
 Concen: 44.719 ng/ul
 RT: 19.27 min Scan# 2735
 Delta R.T. 0.02 min
 Lab File: BP004308.D
 Acq: 15 Dec 2020 17:19

Tgt Ion:	202	Resp:	4358054
Ion Ratio	Lower	Upper	
202	100		
101	10.0	9.1	13.7
100	7.6	7.1	10.7





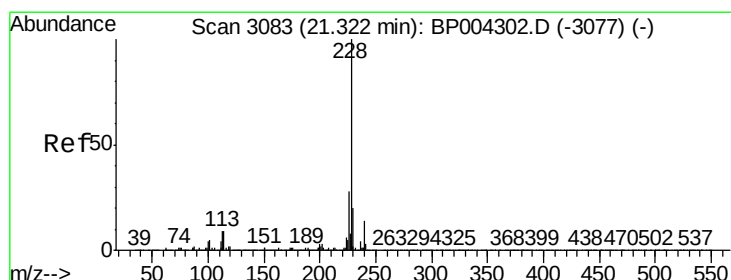
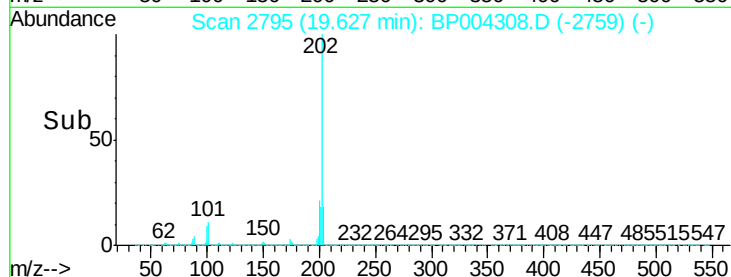
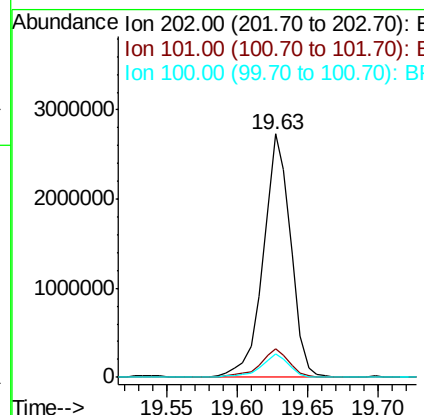
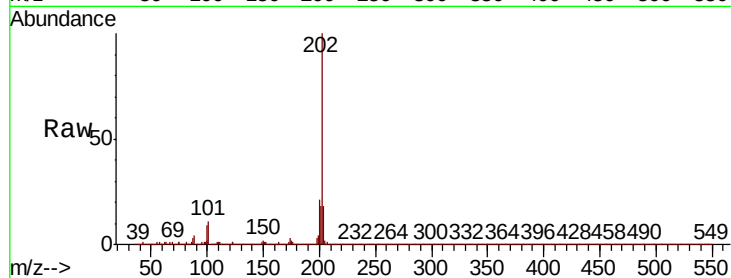
#80
Pvrene
Concen: 39.404 ng/ul
RT: 19.63 min Scan# 2795
Delta R.T. 0.01 min
Lab File: BP004308.D
Acq: 15 Dec 2020 17:19

Instrument :
BNA_P
ClientSampleId :
A54D0

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	10.6	15.8
100	9.4	8.6	12.8

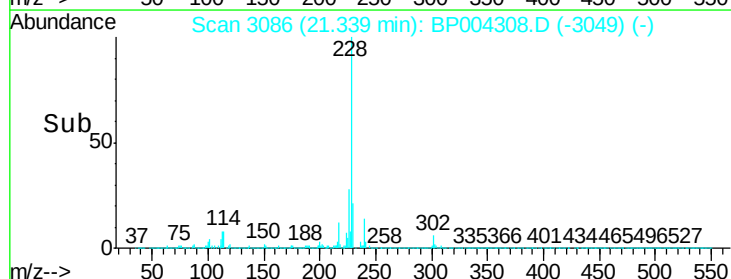
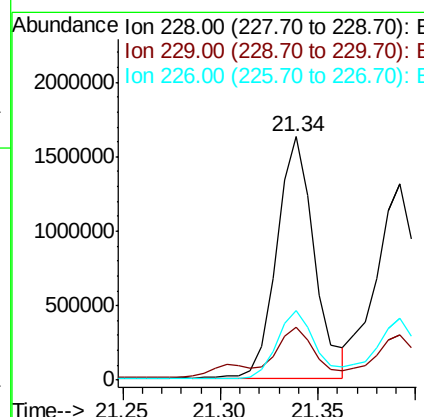
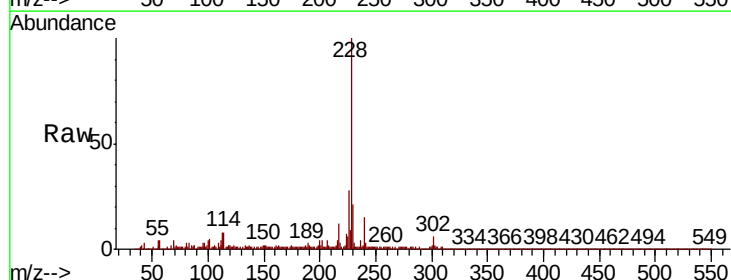
Manual Integrations
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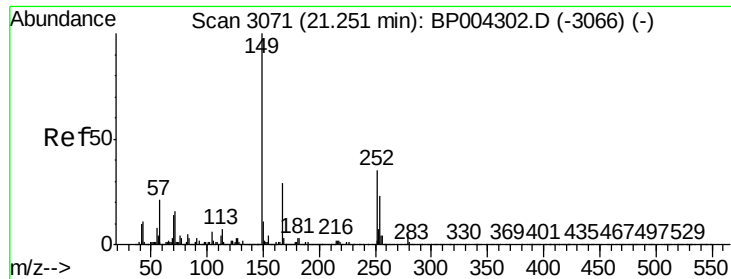
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#83
Benzo(a)anthracene
Concen: 23.778 ng/ul
RT: 21.34 min Scan# 3086
Delta R.T. 0.02 min
Lab File: BP004308.D
Acq: 15 Dec 2020 17:19

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.8	23.8
226	28.4	21.7	32.5





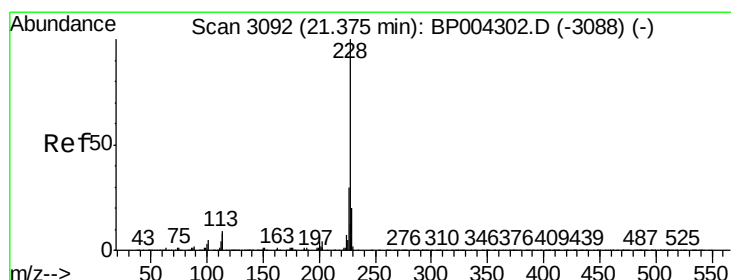
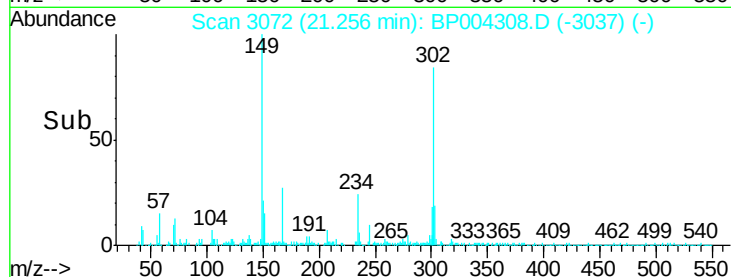
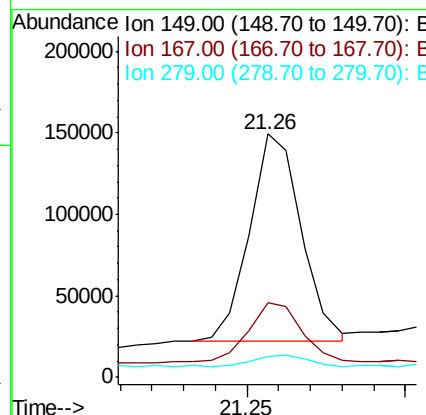
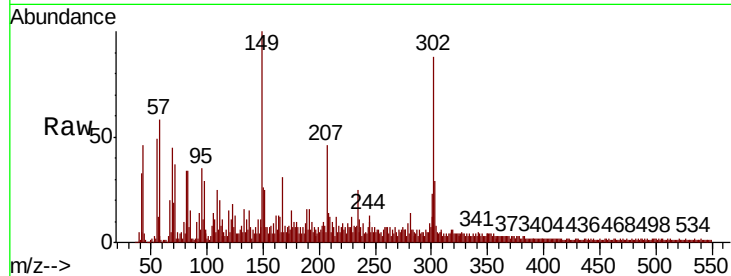
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.401 ng/ul
RT: 21.26 min Scan# 3072
Delta R.T. 0.01 min
Lab File: BP004308.D
Acq: 15 Dec 2020 17:19

Instrument :
BNA_P
ClientSampleId :
A54D0

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.6	22.2	33.4
279	8.6	3.6	5.4

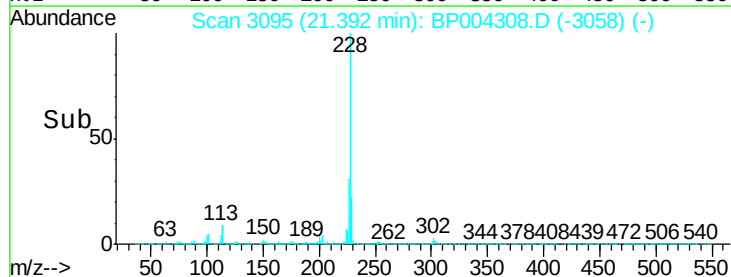
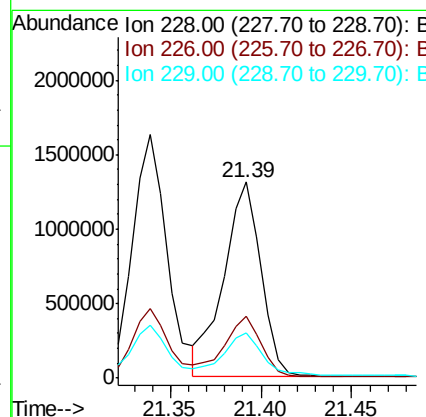
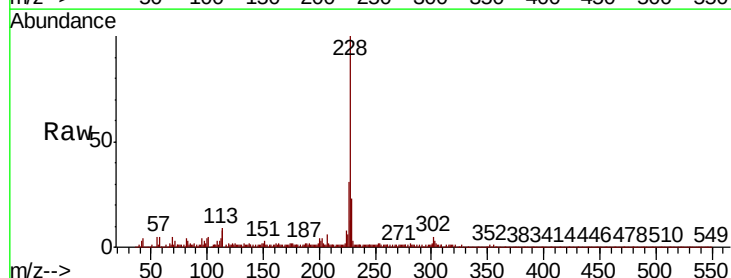
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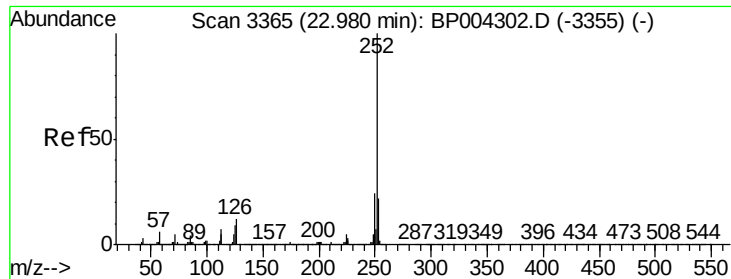
mohammad
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#85
Chrysene
Concen: 20.713 ng/ul
RT: 21.39 min Scan# 3095
Delta R.T. 0.02 min
Lab File: BP004308.D
Acq: 15 Dec 2020 17:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.2	36.2
229	22.9	15.8	23.8





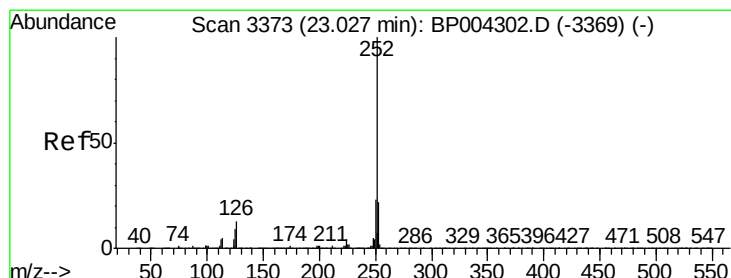
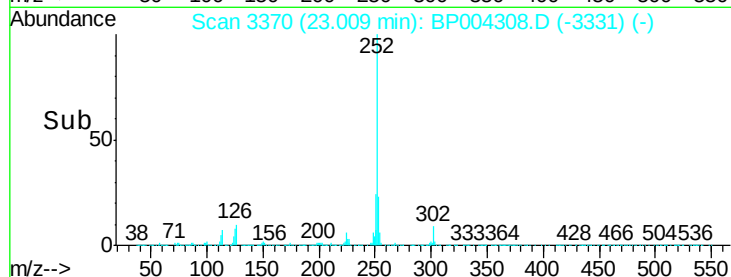
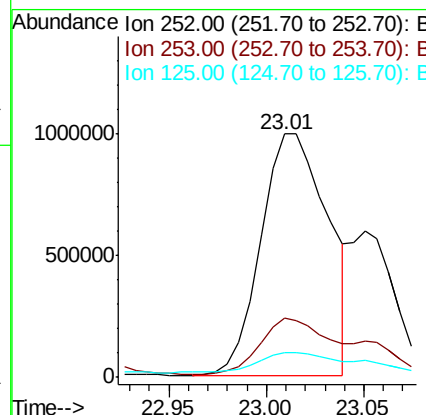
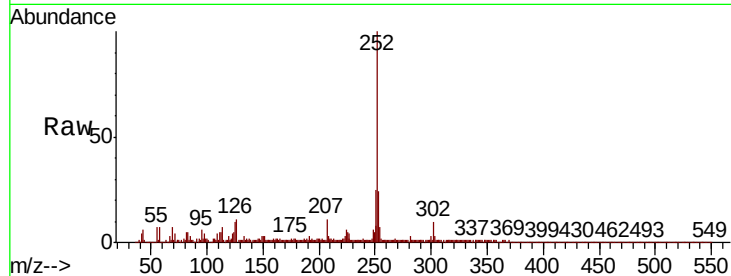
#88
Benzo(b)fluoranthene
Concen: 23.236 ng/ul
RT: 23.01 min Scan# 3370
Delta R.T. 0.03 min
Lab File: BP004308.D
Acq: 15 Dec 2020 17:19

Instrument :
BNA_P
ClientSampleId :
A54D0

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.6	26.4
125	10.2	7.7	11.5

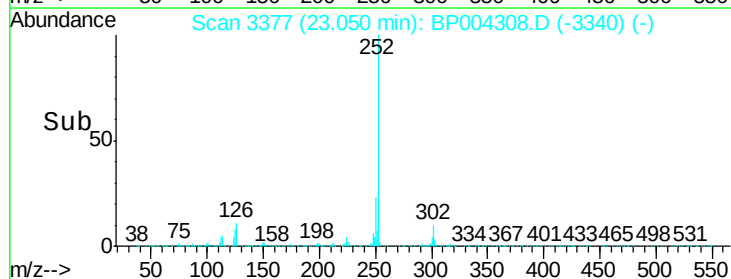
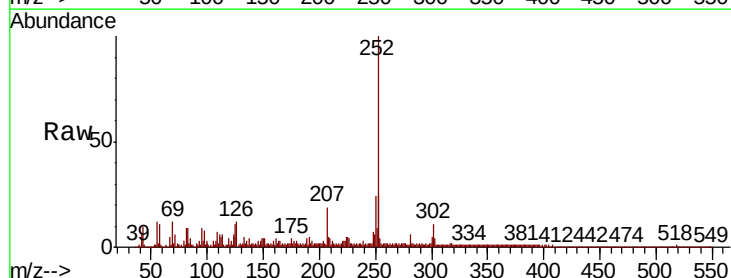
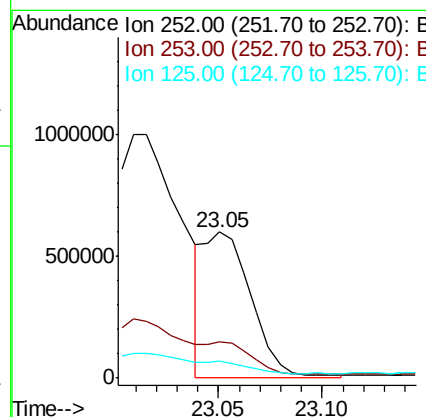
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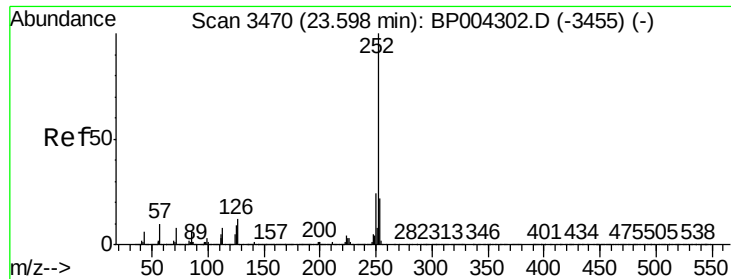
mohammad
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#89
Benzo(k)fluoranthene
Concen: 9.113 ng/ul m
RT: 23.05 min Scan# 3377
Delta R.T. 0.02 min
Lab File: BP004308.D
Acq: 15 Dec 2020 17:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.4	26.2
125	11.3	7.3	10.9





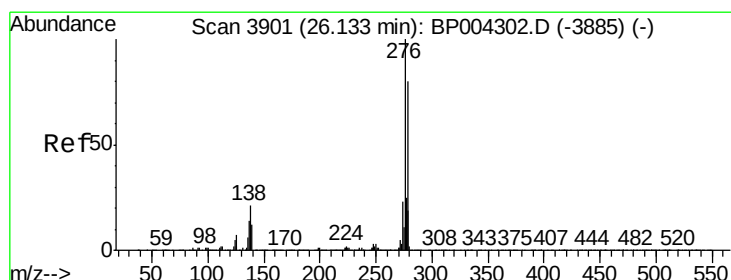
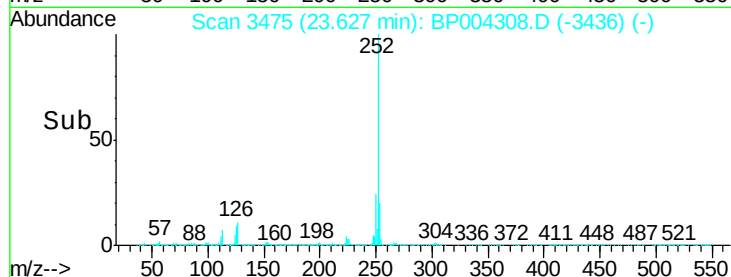
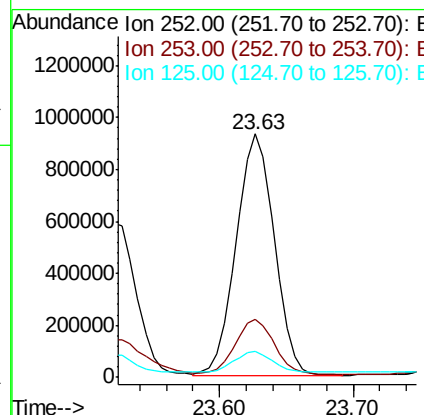
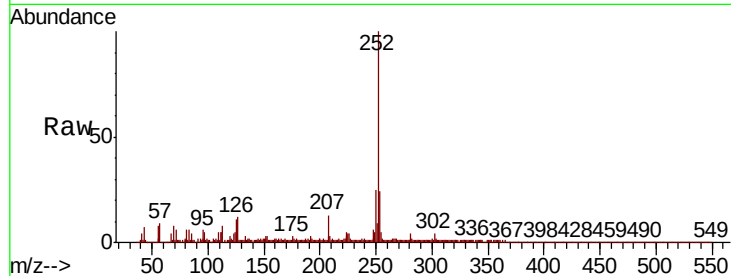
#91
Benzo(a)pyrene
Concen: 19.413 ng/ul
RT: 23.63 min Scan# 3475
Delta R.T. 0.03 min
Lab File: BP004308.D
Acq: 15 Dec 2020 17:19

Instrument :
BNA_P
ClientSampleId :
A54D0

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.3	25.9
125	10.9	7.8	11.6

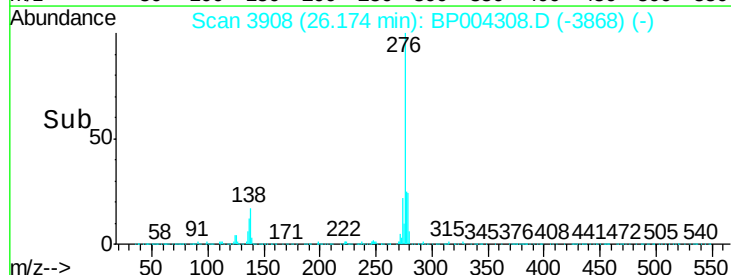
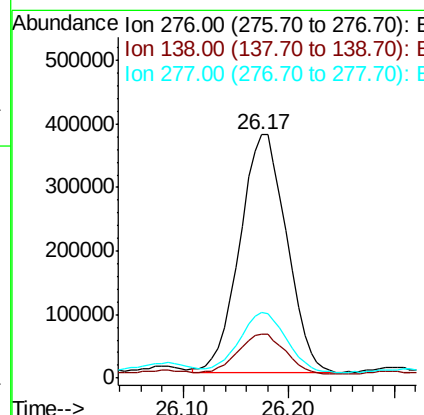
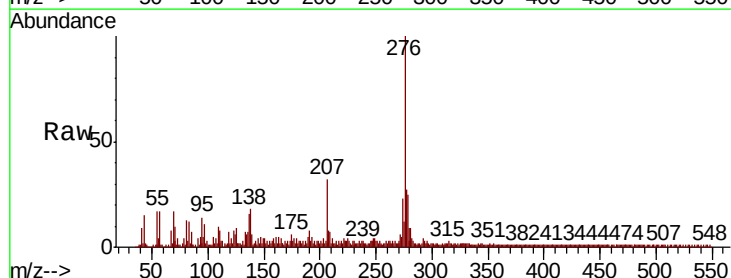
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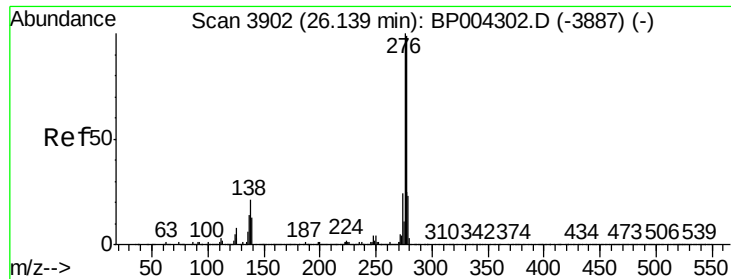
mohammad
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#92
Indeno(1,2,3-cd)pyrene
Concen: 9.742 ng/ul
RT: 26.17 min Scan# 3908
Delta R.T. 0.03 min
Lab File: BP004308.D
Acq: 15 Dec 2020 17:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.0	17.8	26.6
277	26.9	19.8	29.6





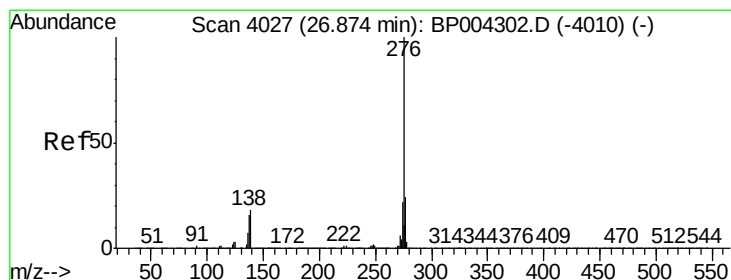
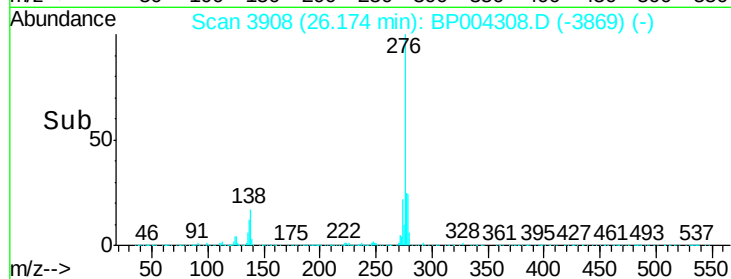
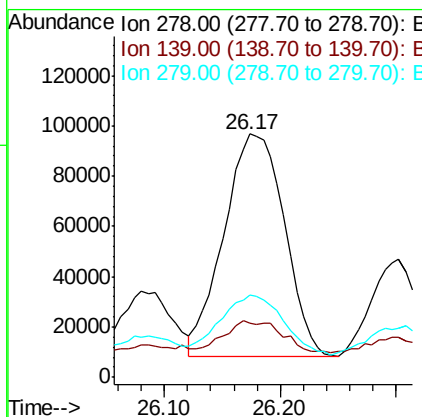
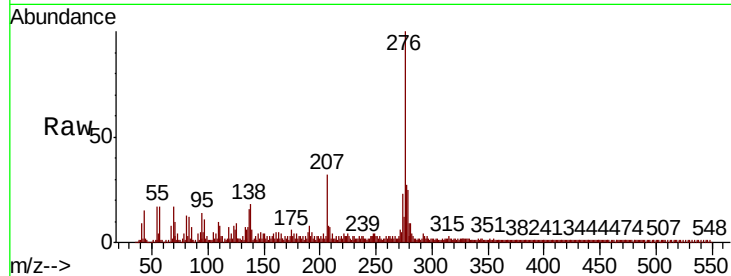
#93
Dibenzo(a,h)anthracene
Concen: 3.233 ng/ul
RT: 26.17 min Scan# 3908
Delta R.T. 0.03 min
Lab File: BP004308.D
Acq: 15 Dec 2020 17:19

Instrument :
BNA_P
ClientSampleId :
A54D0

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.1	11.9	17.9#
279	33.8	18.6	28.0#

Manual Integrations
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mohammad
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#94
Benzo(g,h,i)perylene
Concen: 8.824 ng/ul
RT: 26.93 min Scan# 4036
Delta R.T. 0.05 min
Lab File: BP004308.D
Acq: 15 Dec 2020 17:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.7	16.6	25.0
277	26.9	18.5	27.7

