

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
 Data File : BP004439.D
 Acq On : 24 Dec 2020 18:52
 Operator : CG/JU
 Sample : L5132-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54T7

Manual Integrations
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Quant Time: Dec 25 01:29:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 25 01:03:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	231948	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	859752	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	488086	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	996558	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	1121200	20.00	ng/ul	0.00
86) Perylene-d12	23.68	264	1267080	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	17153	3.08	ng/uL	0.00
5) Phenol-d5	6.99	99	306510	15.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	181053	16.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	266414	16.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	222822	13.89	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	124515	16.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	130328	16.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	248206	16.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	264003	15.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	734853	18.81	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	950422	19.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	74892	10.61	ng/ul	0.00
58) Fluorene-d10	15.46	176	649294	19.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	73942	11.50	ng/ul	0.00
71) Anthracene-d10	17.33	188	968211	19.67	ng/ul	0.00
79) Pyrene-d10	19.57	212	1168314	19.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	1490321	21.35	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.01	94	43631	2.154	ng/ul 96
45) Dimethylphthalate	13.92	163	50616	1.293	ng/ul 100
48) Acenaphthylene	14.19	152	363404	7.667	ng/ul 99
50) Acenaphthene	14.53	153	35228	1.061	ng/ul 97
54) Dibenzofuran	14.87	168	51758	1.107	ng/ul 96
59) Fluorene	15.52	166	88809	2.344	ng/ul 98
70) Phenanthrene	17.27	178	2295983	39.673	ng/ul 100
72) Anthracene	17.36	178	474793	8.192	ng/ul 100
75) Carbazole	17.63	167	126926	2.649	ng/ul 97
77) Fluoranthene	19.25	202	3183991	48.501	ng/ul 99
80) Pyrene	19.60	202	3229799	42.301	ng/ul 98
83) Benzo(a)anthracene	21.31	228	1558274	20.621	ng/ul 96
85) Chrysene	21.36	228	1630099	22.342	ng/ul 98
88) Benzo(b)fluoranthene	22.97	252	1823530	22.065	ng/ul 100
89) Benzo(k)fluoranthene	23.01	252	672882m	8.392	ng/ul
91) Benzo(a)pyrene	23.58	252	1415555	18.569	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	26.10	276	912447	9.473	ng/ul# 95
93) Dibenzo(a,h)anthracene	26.11	278	234895	2.928	ng/ul# 82
94) Benzo(g,h,i)perylene	26.84	276	707120	8.751	ng/ul 98

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

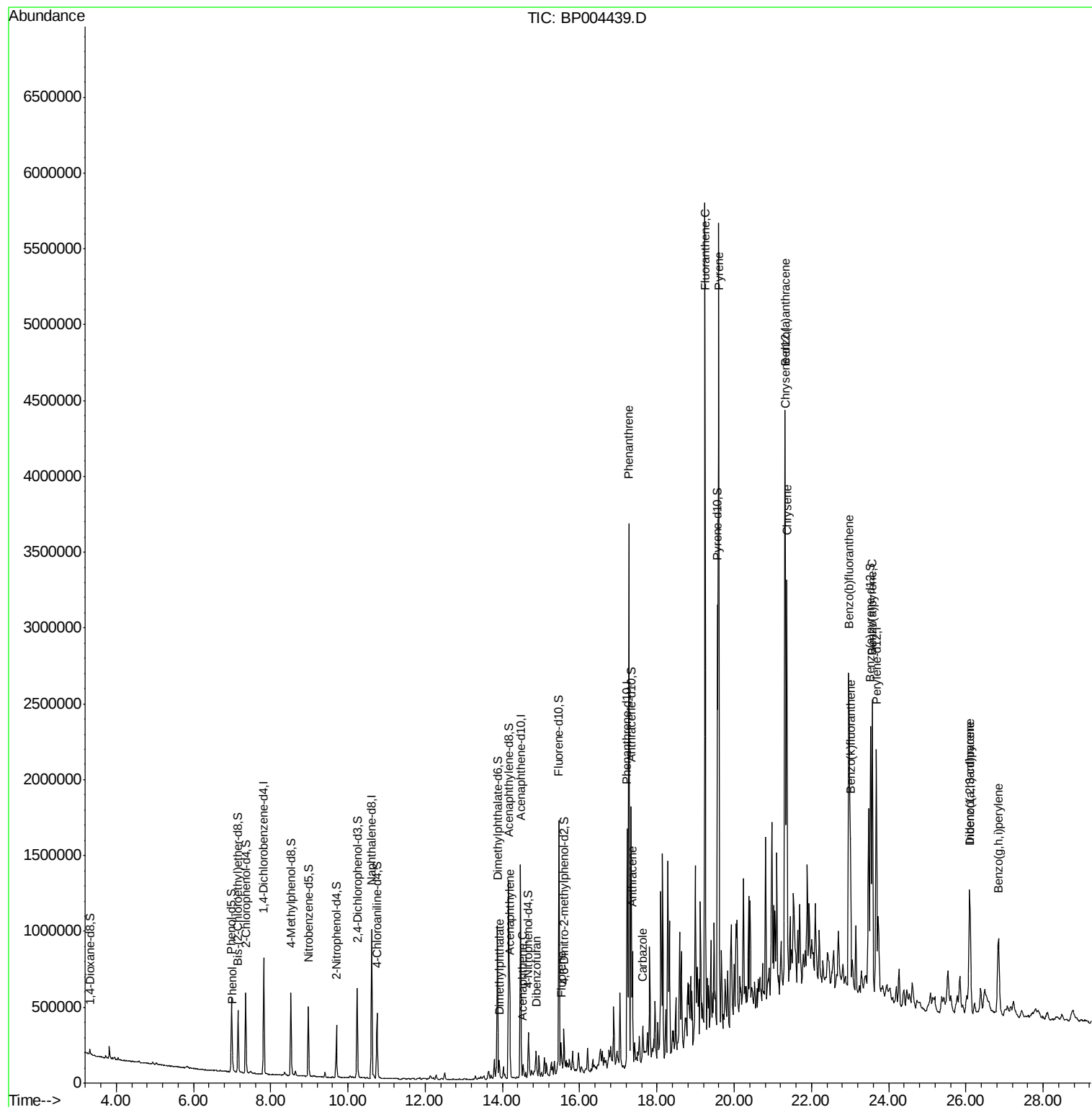
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
Data File : BP004439.D
Acq On : 24 Dec 2020 18:52
Operator : CG/JU
Sample : L5132-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

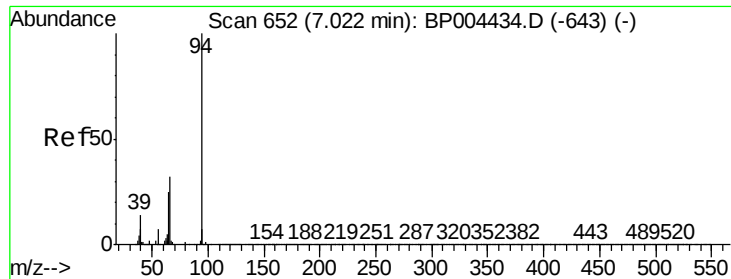
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 25 01:03:58 2020
Response via : Initial Calibration





#6

Phenol

Concen: 2.154 ng/ul

RT: 7.01 min Scan# 650

Delta R.T. -0.01 min

Lab File: BP004439.D

Acq: 24 Dec 2020 18:52

Instrument :

BNA_P

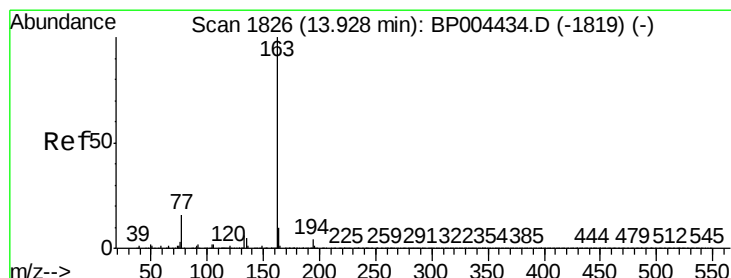
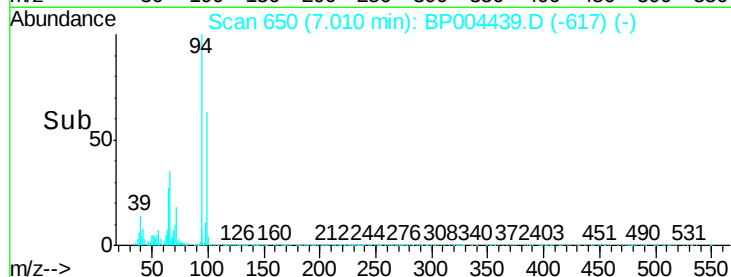
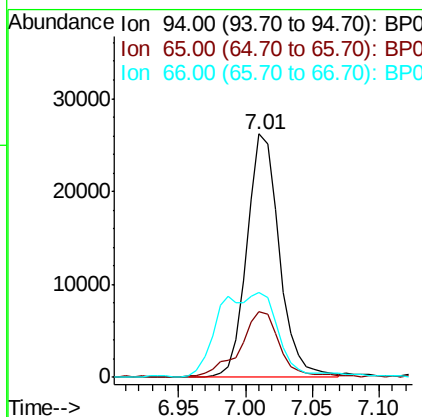
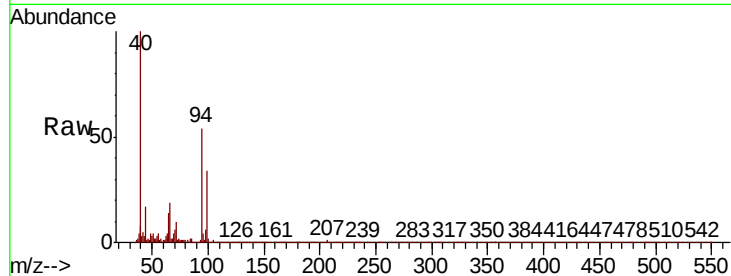
ClientSampleId :

A54T7

Tot Ion:	94	Resp:	43631
Ion	Ratio	Lower	Upper
94	100		
65	27.0	20.3	30.5
66	35.1	26.2	39.2

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#45

Dimethylphthalate

Concen: 1.293 ng/ul

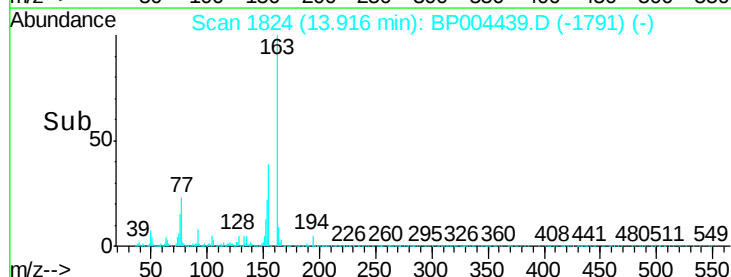
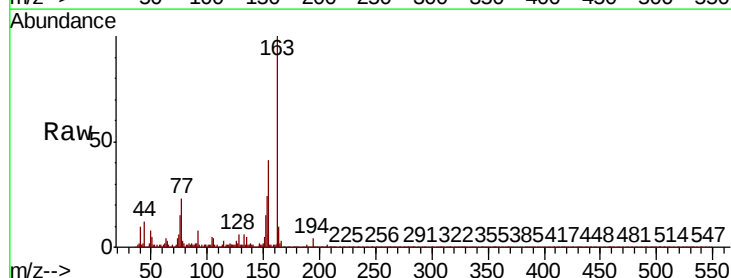
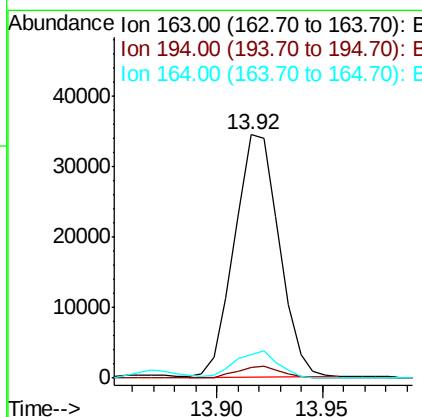
RT: 13.92 min Scan# 1824

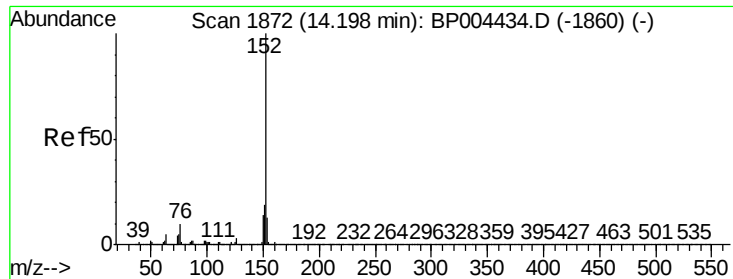
Delta R.T. -0.01 min

Lab File: BP004439.D

Acq: 24 Dec 2020 18:52

Tgt Ion:	163	Resp:	50616
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	9.6	7.8	11.8





#48

Acenaphthylene

Concen: 7.667 ng/ul

RT: 14.19 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BP004439.D

Acq: 24 Dec 2020 18:52

Instrument :

BNA_P

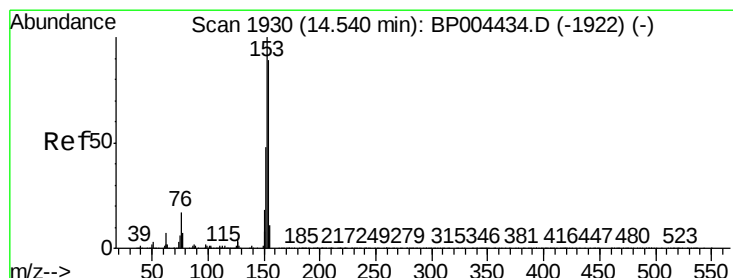
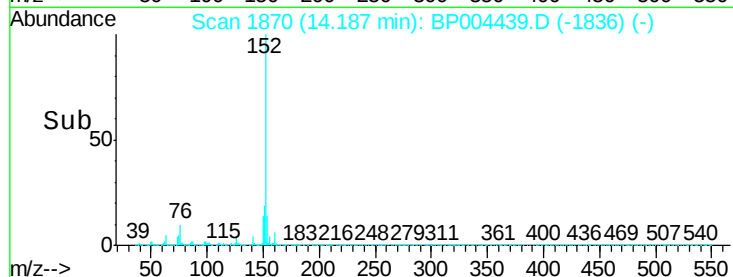
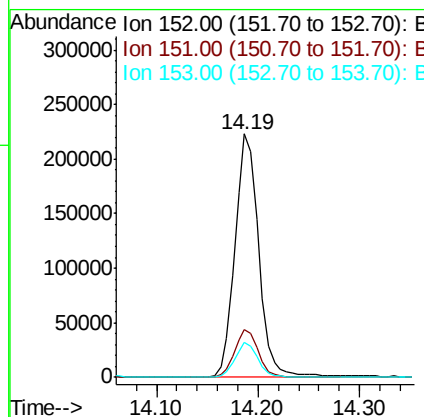
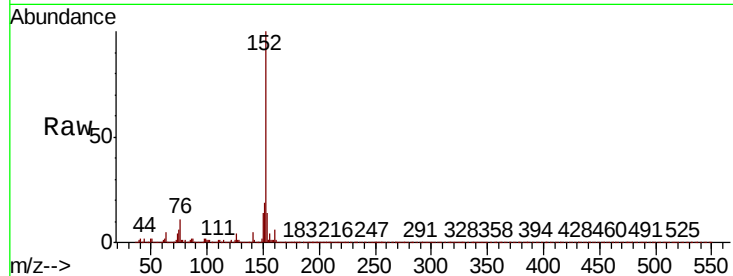
ClientSampleId :

A54T7

Tot Ion:	152	Resp:	363404
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.8	23.6
153	14.1	10.6	15.8

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#50

Acenaphthene

Concen: 1.061 ng/ul

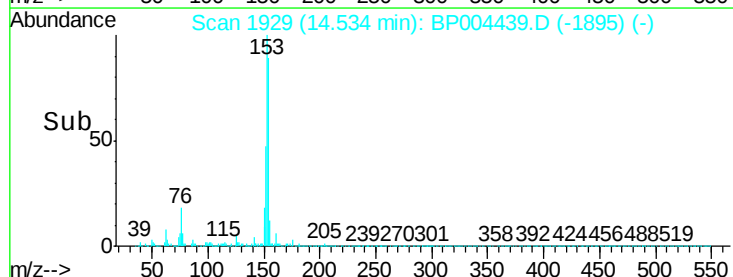
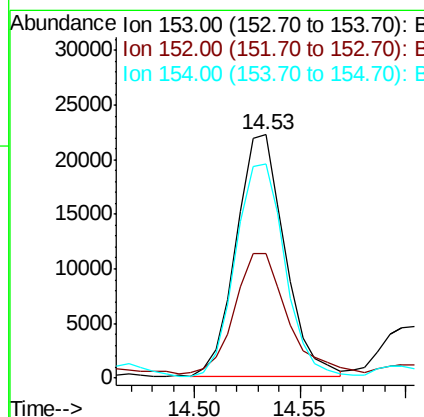
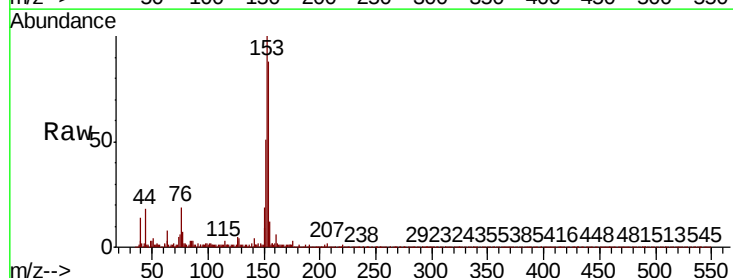
RT: 14.53 min Scan# 1929

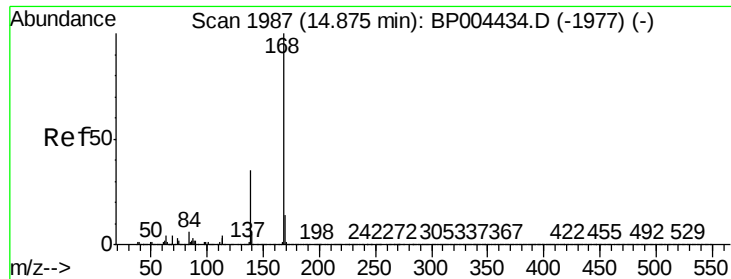
Delta R.T. 0.00 min

Lab File: BP004439.D

Acq: 24 Dec 2020 18:52

Tgt Ion:	153	Resp:	35228
Ion Ratio	Lower	Upper	
153	100		
152	51.0	37.8	56.8
154	87.9	71.4	107.0





#54

Dibenzenofuran

Concen: 1.107 ng/ul

RT: 14.87 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BP004439.D

Acq: 24 Dec 2020 18:52

Instrument :

BNA_P

ClientSampleId :

A54T7

Tot Ion:168 Resp: 51758

Ion Ratio Lower Upper

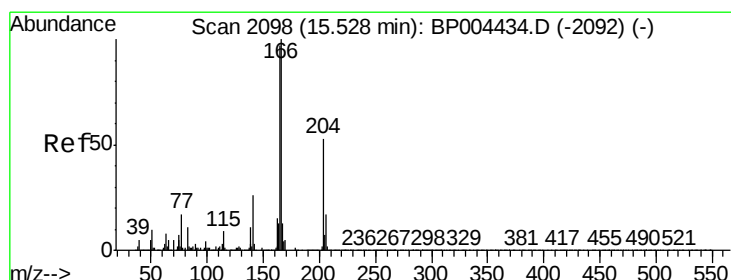
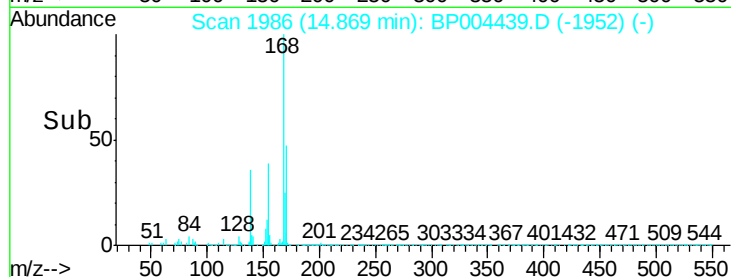
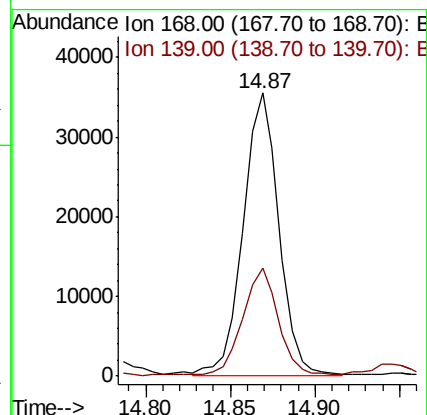
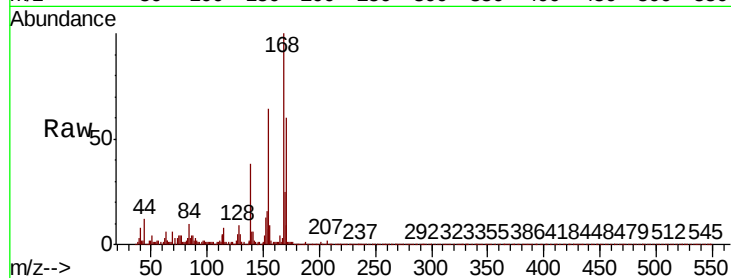
168 100

139 38.0 28.3 42.5

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#59

Fluorene

Concen: 2.344 ng/ul

RT: 15.52 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BP004439.D

Acq: 24 Dec 2020 18:52

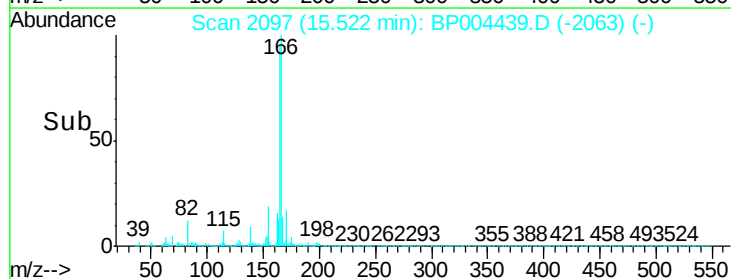
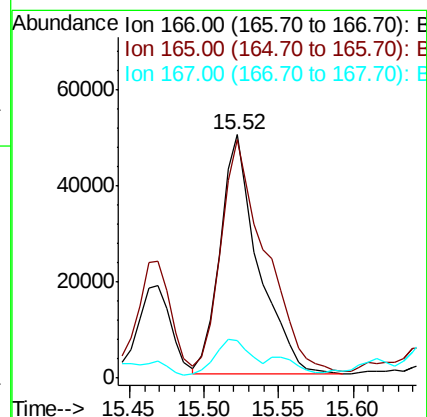
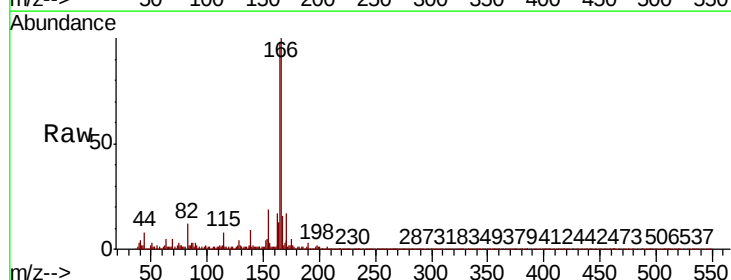
Tgt Ion:166 Resp: 88809

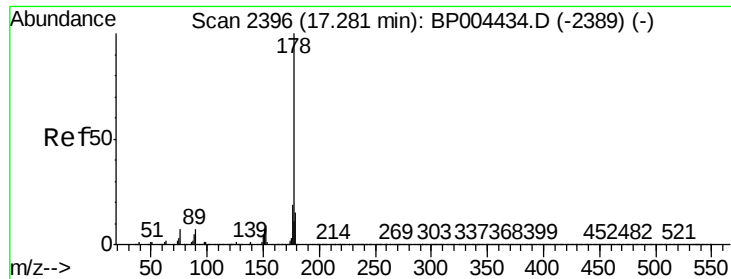
Ion Ratio Lower Upper

166 100

165 97.8 79.2 118.8

167 15.6 10.8 16.2





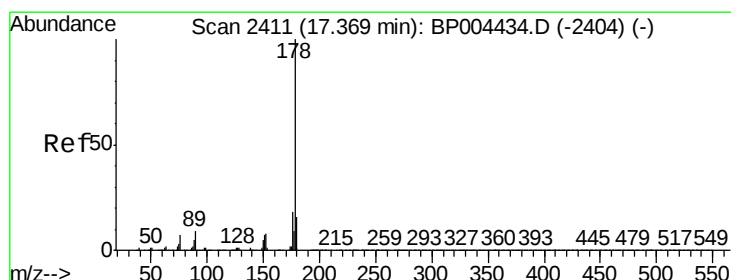
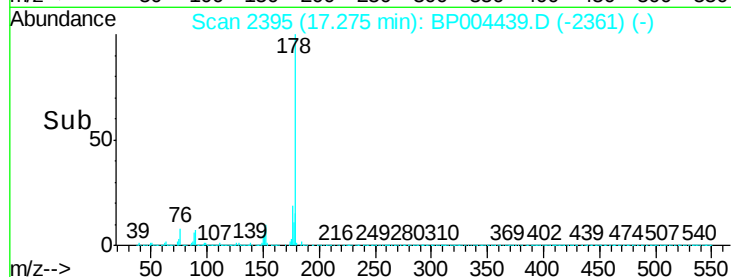
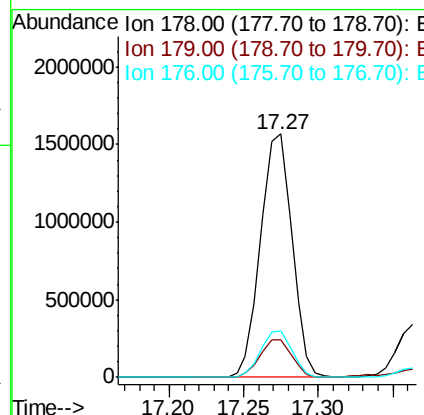
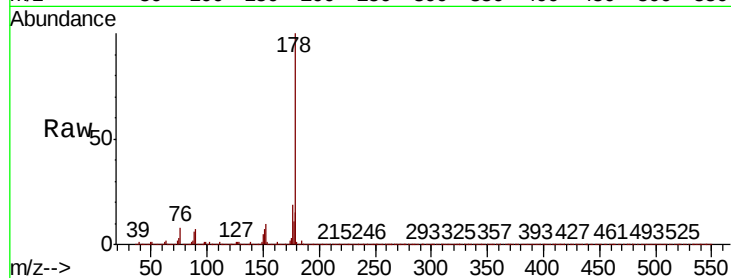
#70
Phenanthrene
Concen: 39.673 ng/ul
RT: 17.27 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BP004439.D
Acq: 24 Dec 2020 18:52

Instrument :
BNA_P
ClientSampleId :
A54T7

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	19.1	15.3	22.9

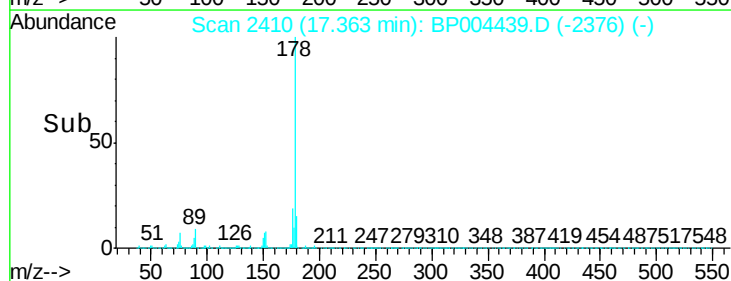
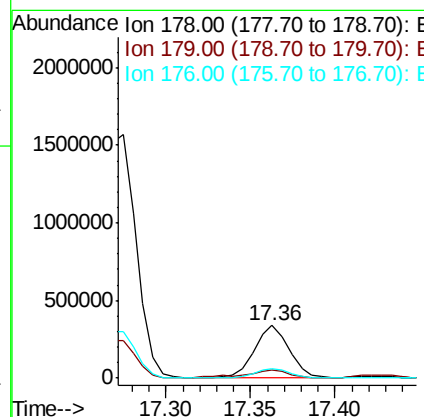
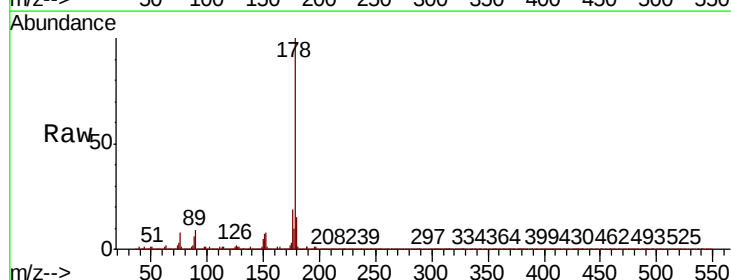
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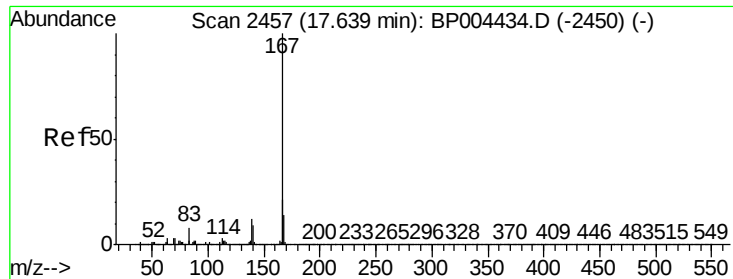
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#72
Anthracene
Concen: 8.192 ng/ul
RT: 17.36 min Scan# 2410
Delta R.T. 0.00 min
Lab File: BP004439.D
Acq: 24 Dec 2020 18:52

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.8	15.0	22.4





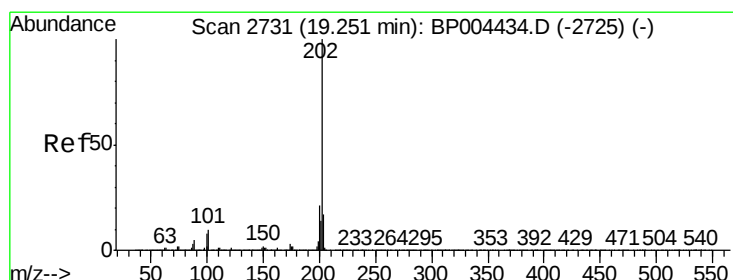
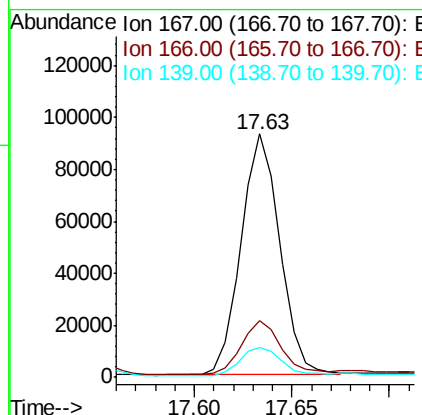
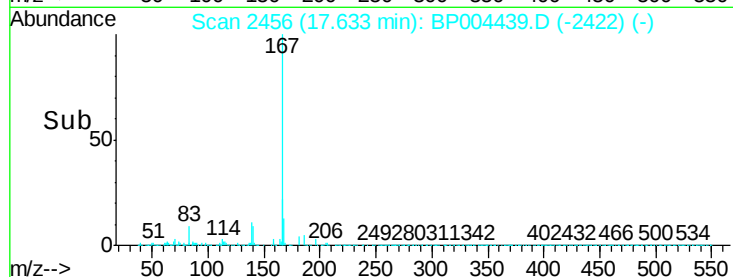
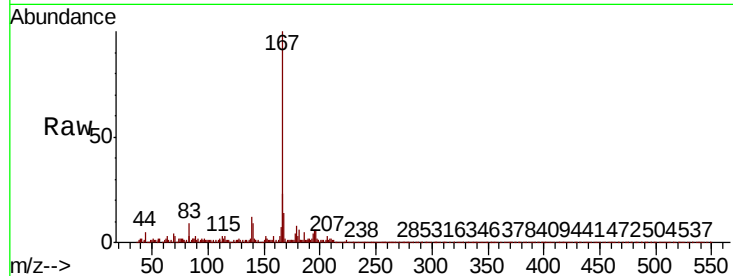
#75
 Carbazole
 Concen: 2.649 ng/ul
 RT: 17.63 min Scan# 2456
 Delta R.T. 0.00 min
 Lab File: BP004439.D
 Acq: 24 Dec 2020 18:52

Instrument :
 BNA_P
 ClientSampleId :
 A54T7

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	16.9	25.3
139	12.1	9.5	14.3

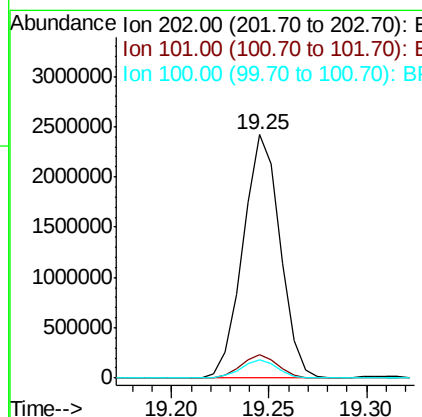
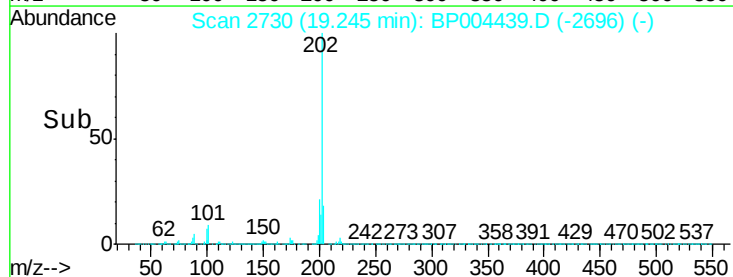
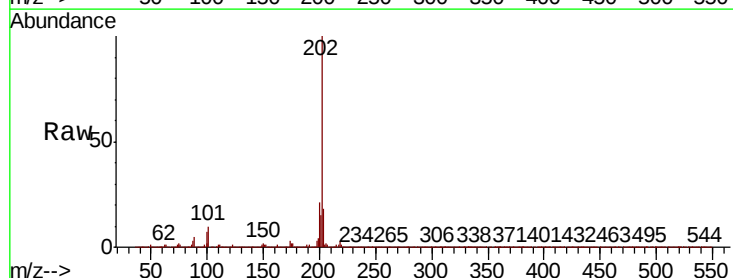
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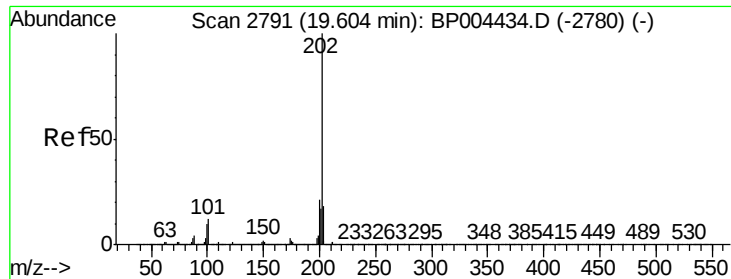
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#77
 Fluoranthene
 Concen: 48.501 ng/ul
 RT: 19.25 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: BP004439.D
 Acq: 24 Dec 2020 18:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.0	12.0
100	7.3	6.2	9.4





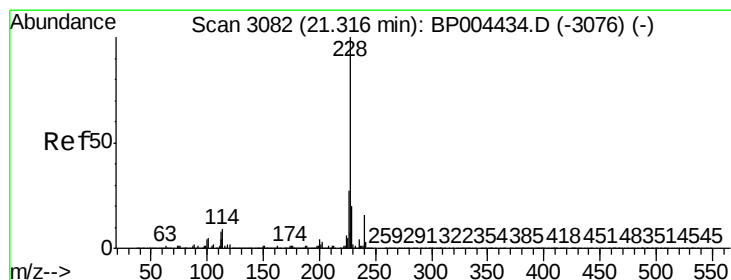
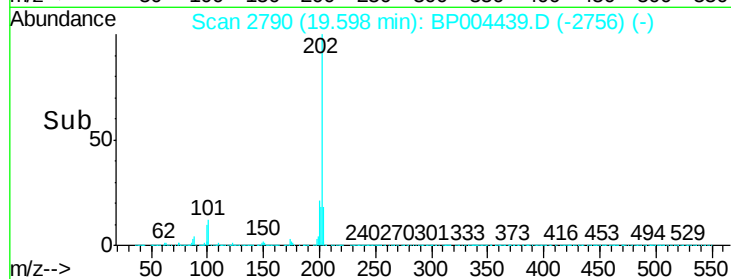
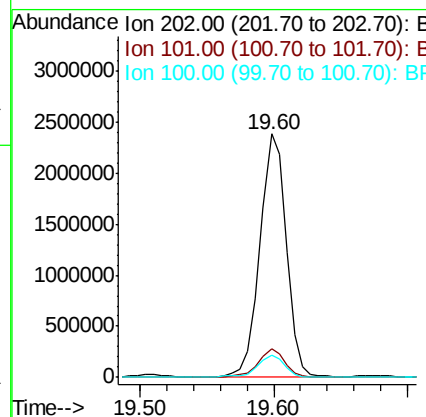
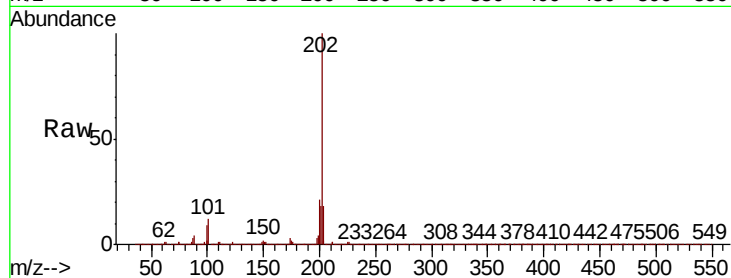
#80
Pvrene
Concen: 42.301 ng/ul
RT: 19.60 min Scan# 2790
Delta R.T. 0.00 min
Lab File: BP004439.D
Acq: 24 Dec 2020 18:52

Instrument :
BNA_P
ClientSampleId :
A54T7

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.8
100	9.3	8.0	12.0

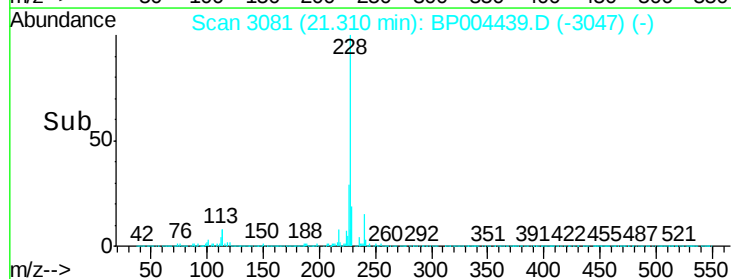
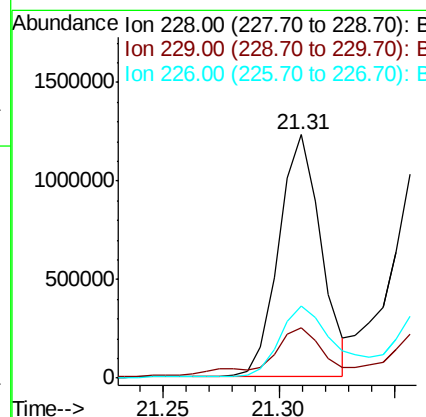
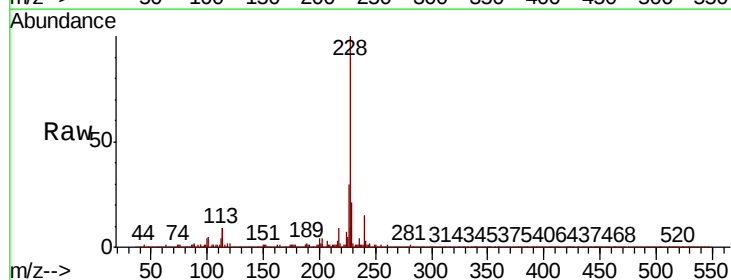
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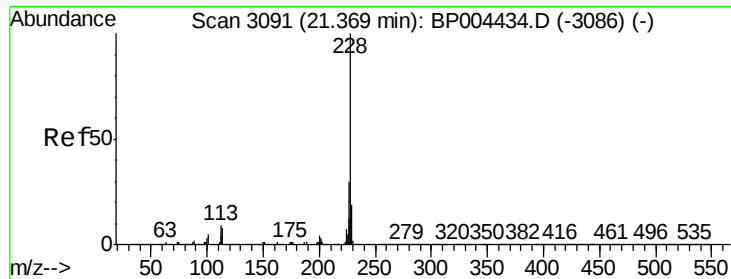
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#83
Benzo(a)anthracene
Concen: 20.621 ng/ul
RT: 21.31 min Scan# 3081
Delta R.T. 0.00 min
Lab File: BP004439.D
Acq: 24 Dec 2020 18:52

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.2
226	29.6	21.6	32.4





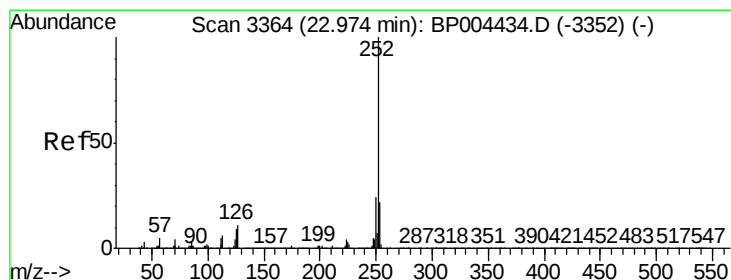
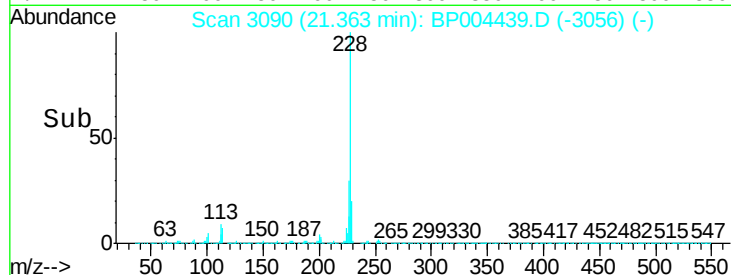
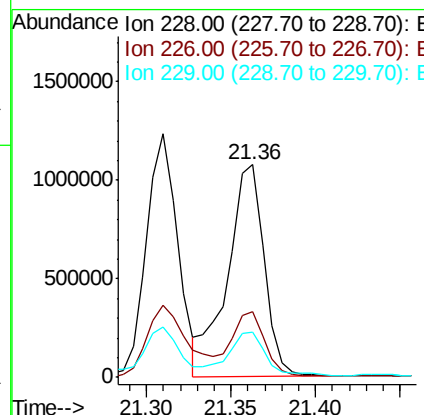
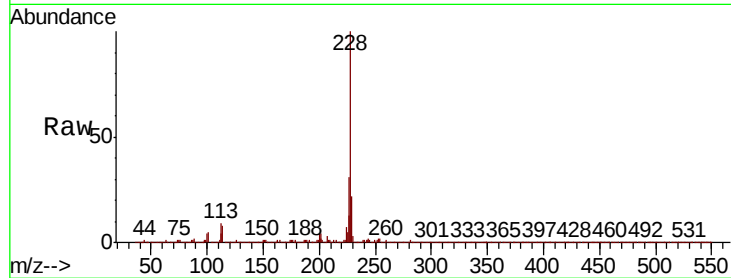
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Chrysene
Concen: 22.342 ng/ul
RT: 21.36 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BP004439.D
Acq: 24 Dec 2020 18:52

Instrument :
BNA_P
ClientSampleId :
A54T7

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	21.5	15.8	23.6

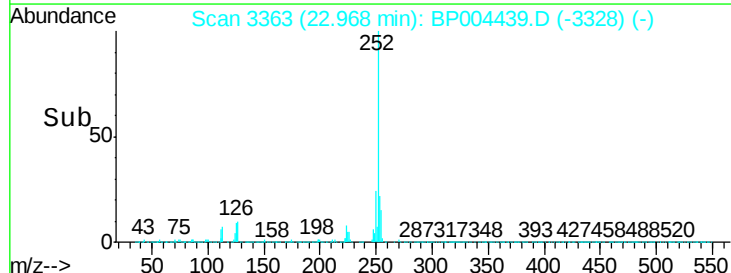
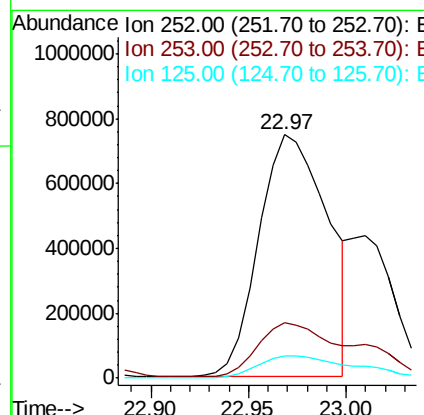
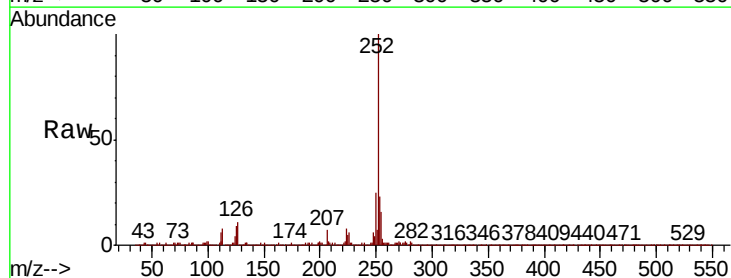
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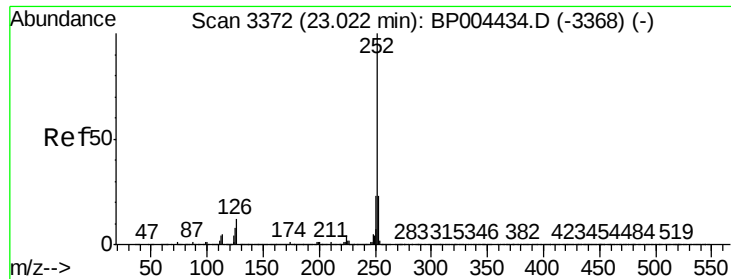
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#88
Benzo(b)fluoranthene
Concen: 22.065 ng/ul
RT: 22.97 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BP004439.D
Acq: 24 Dec 2020 18:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	8.9	7.2	10.8





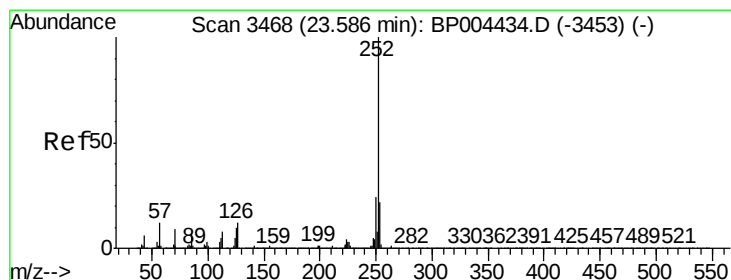
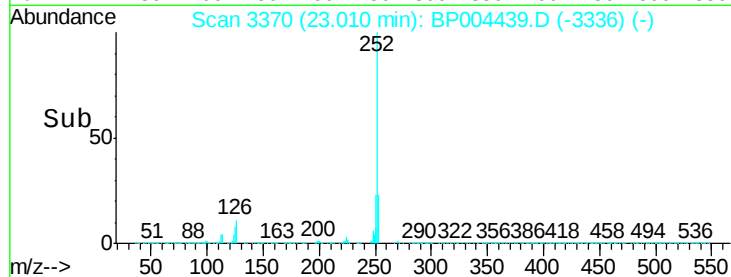
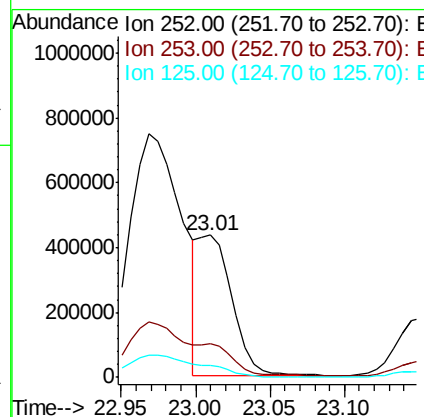
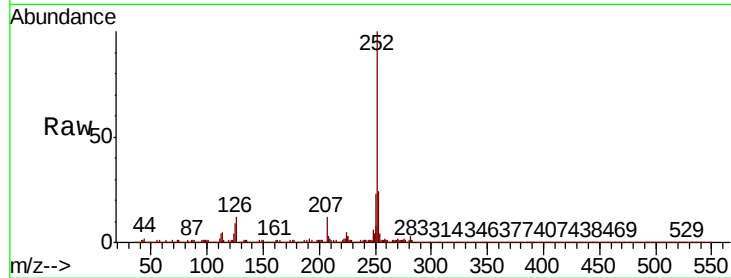
#89
Benzo(k)fluoranthene
Concen: 8.392 ng/ul m
RT: 23.01 min Scan# 3370
Delta R.T. 0.00 min
Lab File: BP004439.D
Acq: 24 Dec 2020 18:52

Instrument :
BNA_P
ClientSampled :
A54T7

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	8.7	7.2	10.8

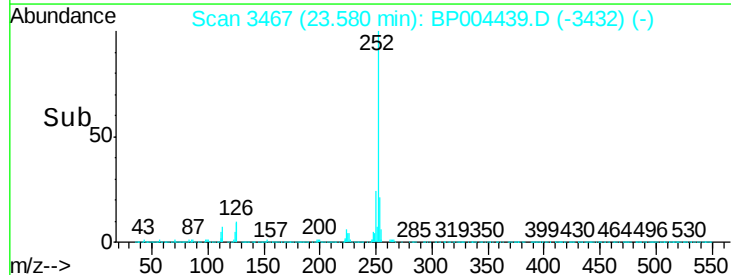
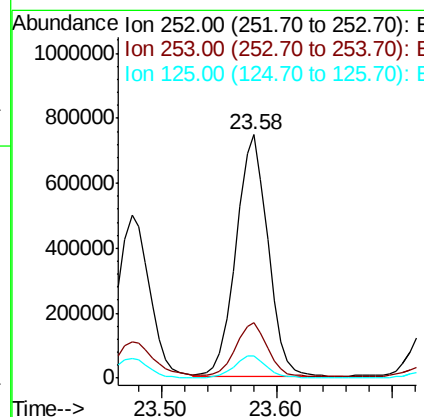
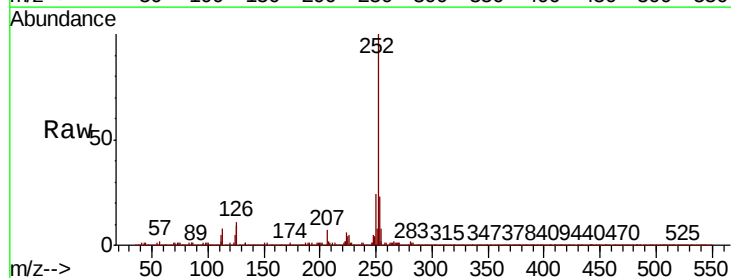
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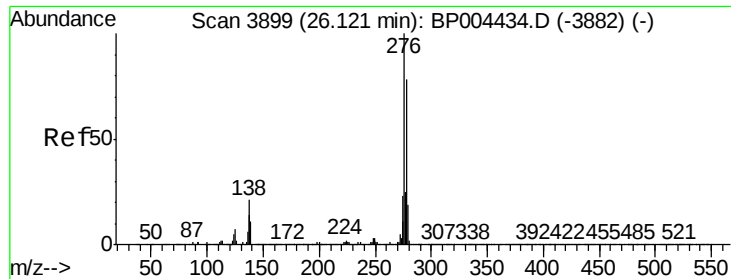
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#91
Benzo(a)pyrene
Concen: 18.569 ng/ul
RT: 23.58 min Scan# 3467
Delta R.T. 0.01 min
Lab File: BP004439.D
Acq: 24 Dec 2020 18:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	8.9	8.1	12.1





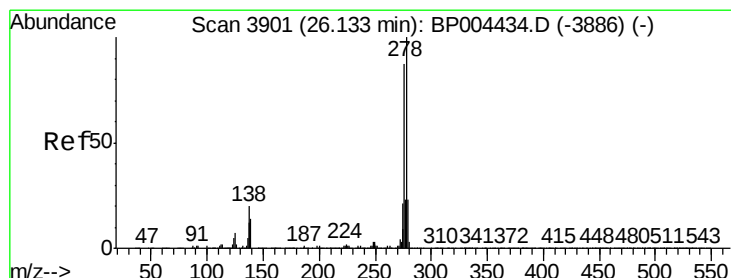
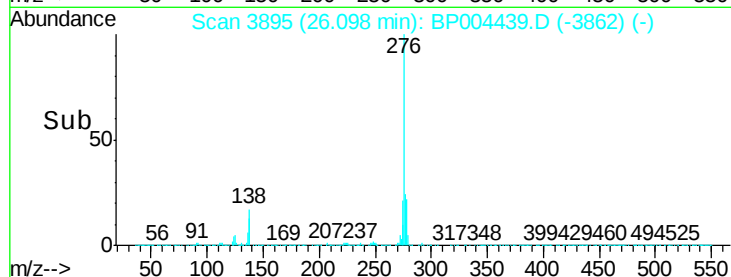
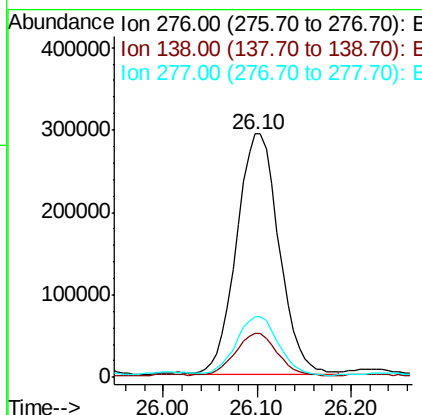
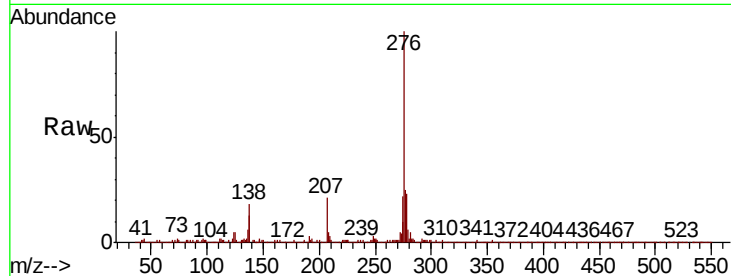
#92
Indeno(1,2,3-cd)pyrene
Concen: 9.473 ng/ul
RT: 26.10 min Scan# 3895
Delta R.T. -0.01 min
Lab File: BP004439.D
Acq: 24 Dec 2020 18:52

Instrument :
BNA_P
ClientSampleId :
A54T7

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.8	17.9	26.9#
277	25.0	20.3	30.5

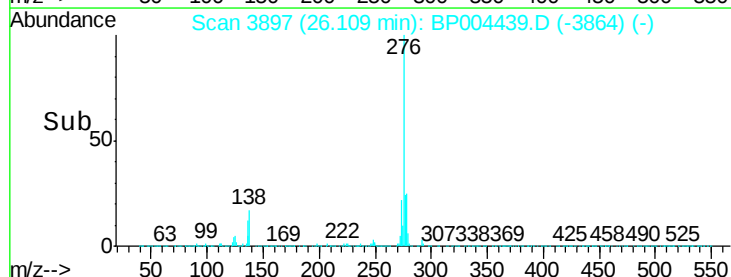
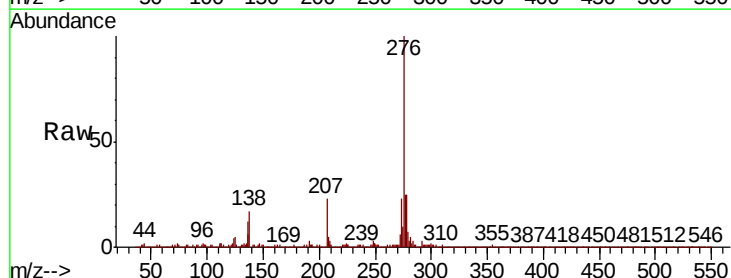
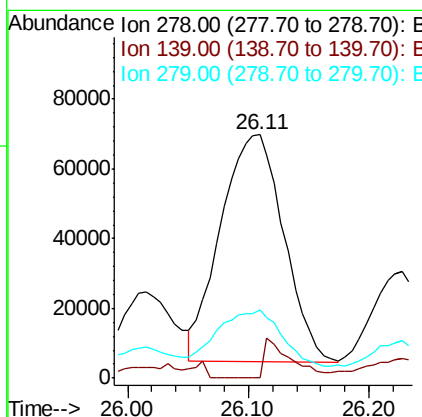
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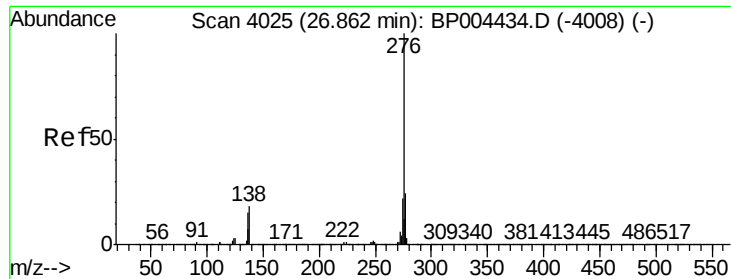
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#93
Dibenzo(a,h)anthracene
Concen: 2.928 ng/ul
RT: 26.11 min Scan# 3897
Delta R.T. -0.01 min
Lab File: BP004439.D
Acq: 24 Dec 2020 18:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.4	17.2#
279	28.0	19.1	28.7





#94

Benzo(a,h,i)perylene

Concen: 8.751 ng/ul

RT: 26.84 min Scan# 4022

Delta R.T. 0.00 min

Lab File: BP004439.D

Acq: 24 Dec 2020 18:52

Instrument :

BNA_P

ClientSampleId :

A54T7

Tot Ion:	276	Resp:	707120
Ion Ratio	Lower	Upper	
276	100		
138	18.3	15.8	23.6
277	23.9	18.7	28.1

Manual Integrations
APPROVED

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