

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP011121\
 Data File : BP004495.D
 Acq On : 11 Jan 2021 15:16
 Operator : CG/JU
 Sample : M1053-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BFN59

Manual Integrations
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 1/12/2021 8:48:15 AM

Quant Time: Jan 11 16:20:38 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SOM-EPA-BP121820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 24 16:46:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	193409	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	731123	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	452085	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	980015	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	1010011	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	1062828	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	15247	3.28	ng/uL	0.00
5) Phenol-d5	6.99	99	296564	17.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	147165	15.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	252138	18.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	231003	17.27	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	111928	17.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	128439	18.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	255165	19.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	150958	10.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	690767	19.09	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	948183	21.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.69	143	95486	14.61	ng/ul	0.02
58) Fluorene-d10	15.47	176	655859	20.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	67766	10.72	ng/ul	0.01
71) Anthracene-d10	17.33	188	1019086	21.05	ng/ul	0.00
79) Pyrene-d10	19.57	212	1180191	21.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	1313132	22.43	ng/ul	0.01

Target Compounds

					Ovalue
6) Phenol	7.02	94	32096	1.900	ng/ul 95
50) Acenaphthene	14.54	153	168020	5.463	ng/ul 99
54) Dibenzofuran	14.87	168	103486	2.389	ng/ul 98
59) Fluorene	15.53	166	121025	3.449	ng/ul 99
70) Phenanthrene	17.28	178	2091093	36.742	ng/ul 100
72) Anthracene	17.37	178	581798	10.208	ng/ul 100
75) Carbazole	17.64	167	183409	3.892	ng/ul 97
77) Fluoranthene	19.25	202	2714379	42.046	ng/ul 98
80) Pvrene	19.60	202	2363361	34.361	ng/ul 97
83) Benzo(a)anthracene	21.32	228	1280300	18.808	ng/ul 97
85) Chrysene	21.36	228	1148716	17.478	ng/ul 97
88) Benzo(b)fluoranthene	22.98	252	1355712	19.557	ng/ul 98
89) Benzo(k)fluoranthene	23.02	252	431443m	6.415	ng/ul
91) Benzo(a)pyrene	23.59	252	989351	15.473	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	26.13	276	592722	7.336	ng/ul# 94
93) Dibenzo(a,h)anthracene	26.13	278	170499	2.534	ng/ul# 83
94) Benzo(g,h,i)perylene	26.87	276	528911	7.803	ng/ul 97

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

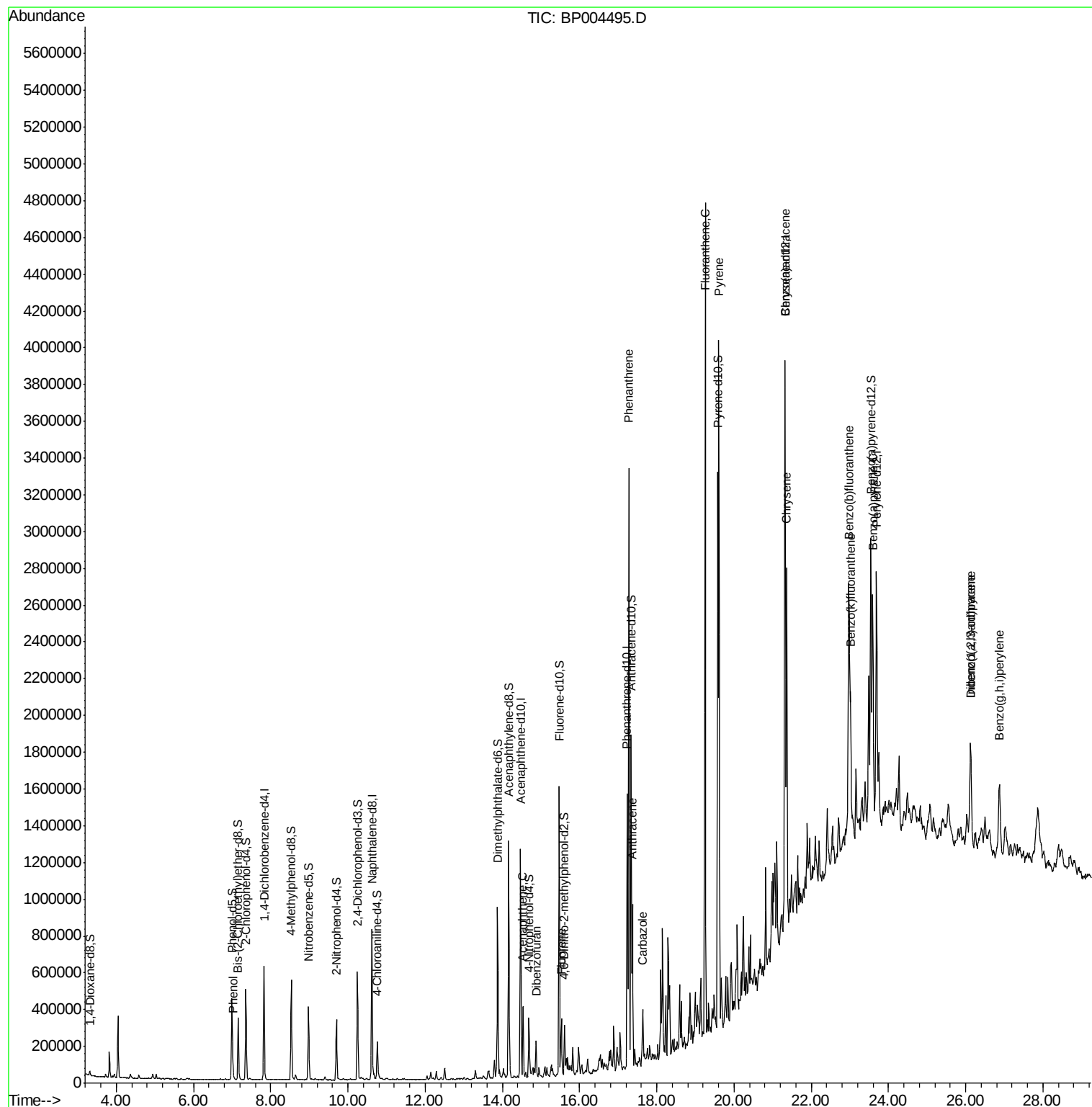
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Data File : BP004495.D
Acq On : 11 Jan 2021 15:16
Operator : CG/JU
Sample : M1053-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

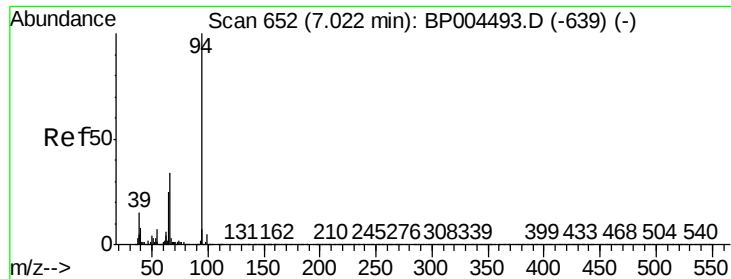
Instrument :
BNA_P
ClientSampleId :
BFN59

Quant Time: Jan 11 16:20:38 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 16:46:25 2020
Response via : Initial Calibration

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#6

Phenol

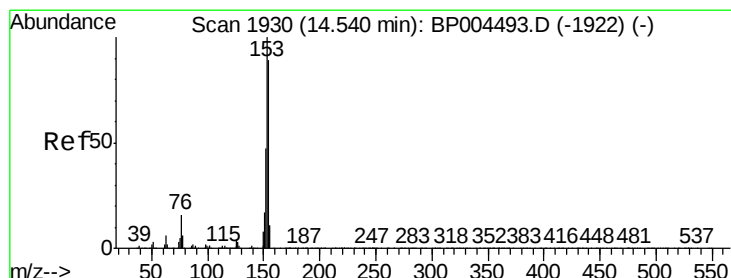
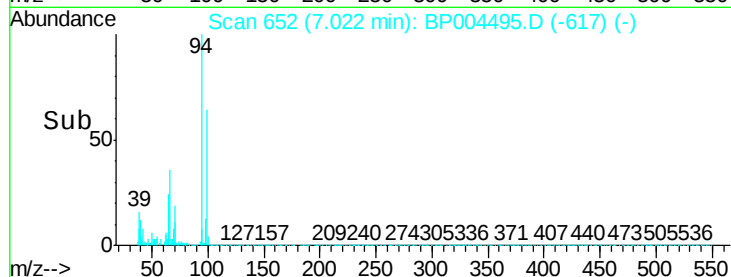
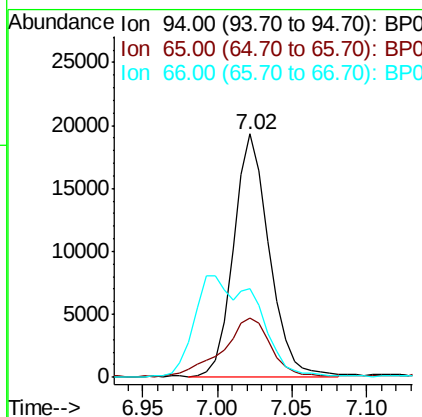
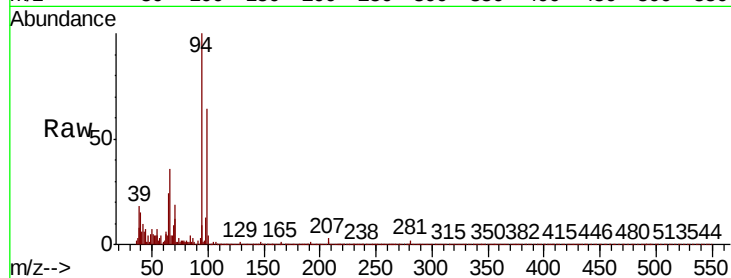
Concen: 1.900 ng/ul
 RT: 7.02 min Scan# 652
 Delta R.T. 0.01 min
 Lab File: BP004495.D
 Acq: 11 Jan 2021 15:16

Instrument :
 BNA_P
 ClientSampled :
 BFN59

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100		32096		
65	24.1	20.3	30.5		
66	36.2	26.2	39.2		

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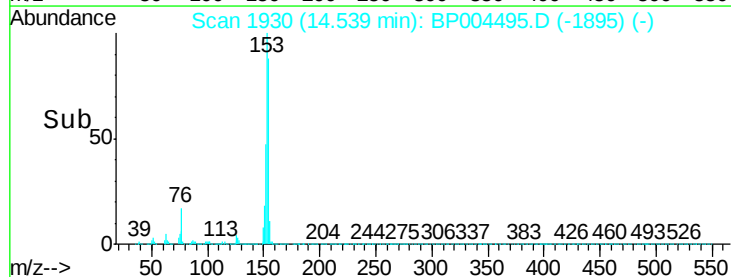
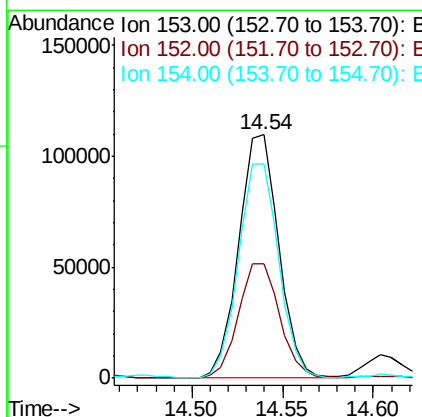
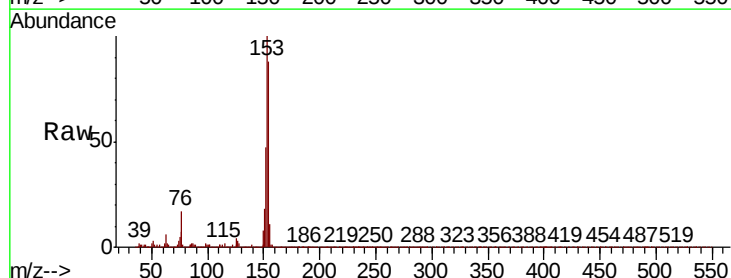


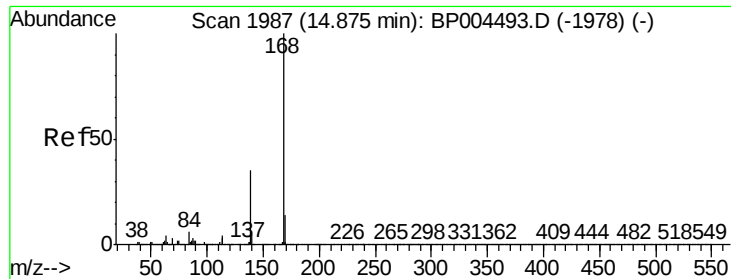
#50

Acenaphthene

Concen: 5.463 ng/ul
 RT: 14.54 min Scan# 1930
 Delta R.T. 0.01 min
 Lab File: BP004495.D
 Acq: 11 Jan 2021 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
153	100		168020		
152	47.0	37.8	56.8		
154	88.0	71.4	107.0		





#54

Dibenzenofuran

Concen: 2.389 ng/ul

RT: 14.87 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BP004495.D

Acq: 11 Jan 2021 15:16

Instrument :

BNA_P

ClientSampleId :

BFN59

Tot Ion:168 Resp: 103486

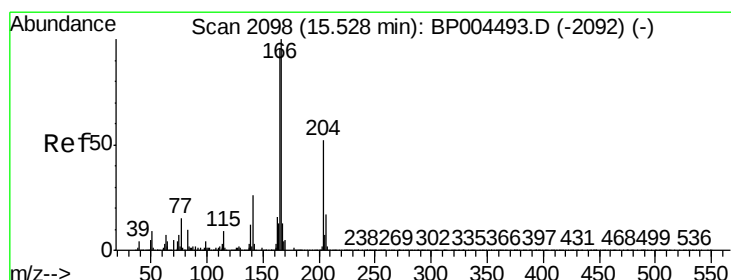
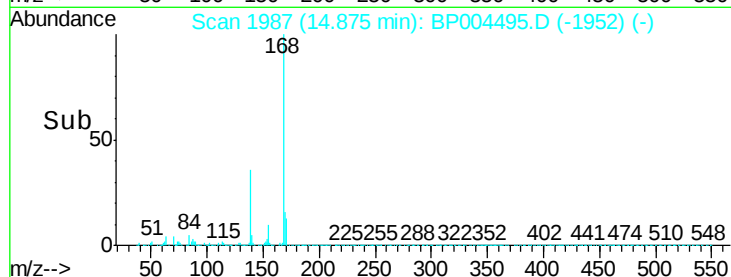
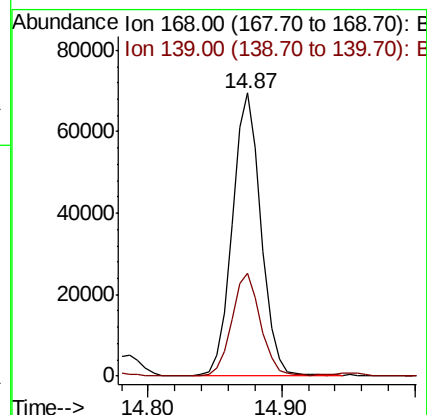
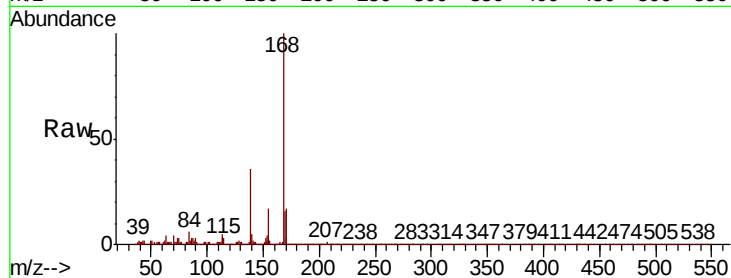
Ion Ratio Lower Upper

168 100

139 36.3 28.3 42.5

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#59

Fluorene

Concen: 3.449 ng/ul

RT: 15.53 min Scan# 2098

Delta R.T. 0.01 min

Lab File: BP004495.D

Acq: 11 Jan 2021 15:16

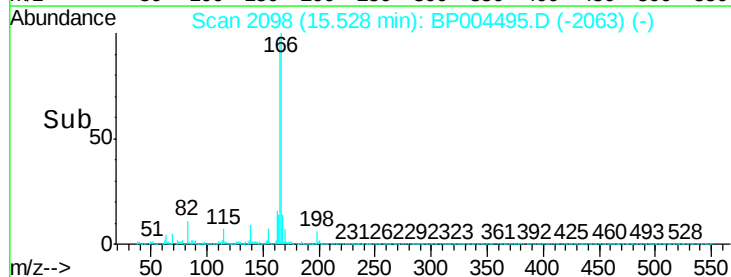
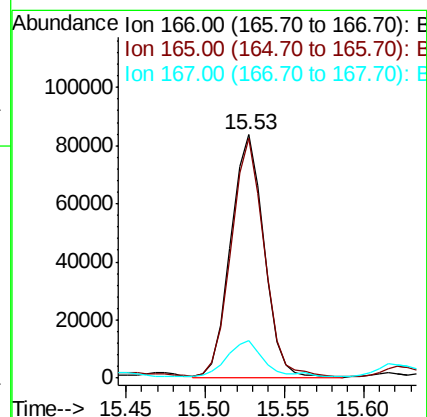
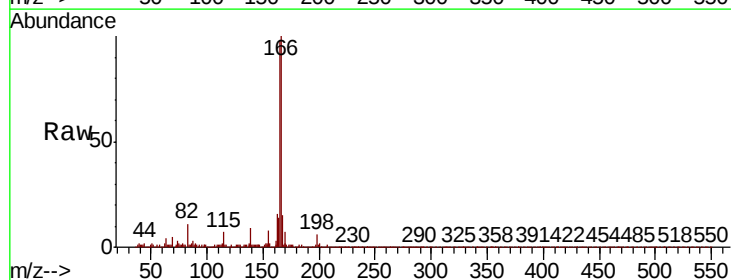
Tgt Ion:166 Resp: 121025

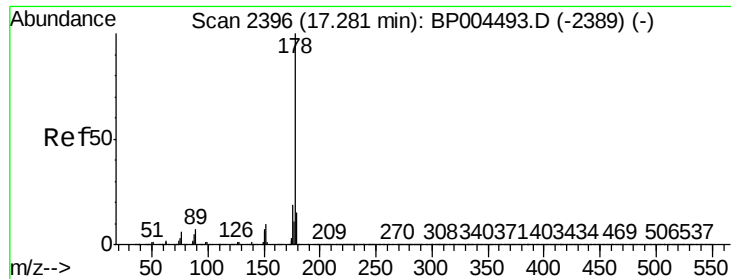
Ion Ratio Lower Upper

166 100

165 98.3 79.2 118.8

167 15.3 10.8 16.2





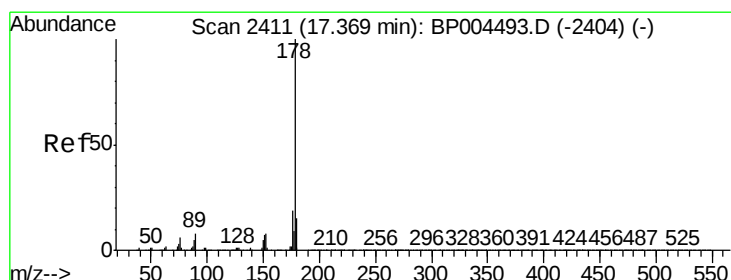
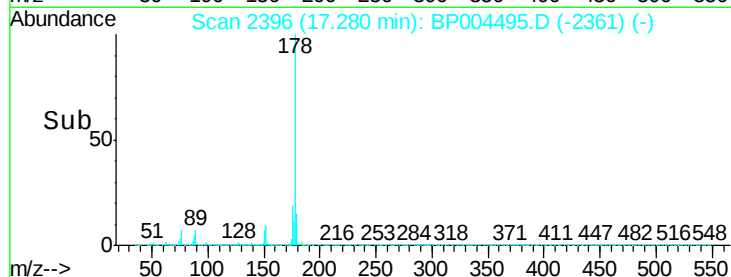
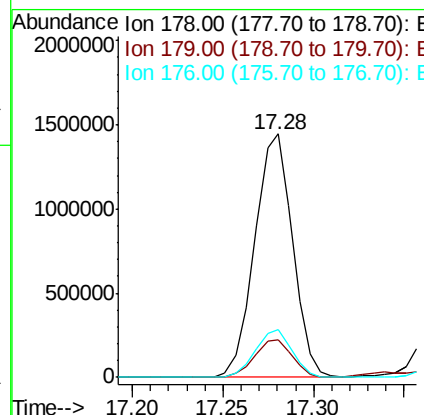
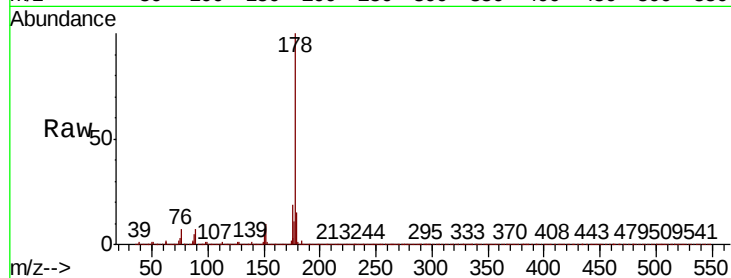
#70
Phenanthrene
Concen: 36.742 ng/ul
RT: 17.28 min Scan# 2396
Delta R.T. 0.01 min
Lab File: BP004495.D
Acq: 11 Jan 2021 15:16

Instrument :
BNA_P
ClientSampleId :
BFN59

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	19.4	15.3	22.9

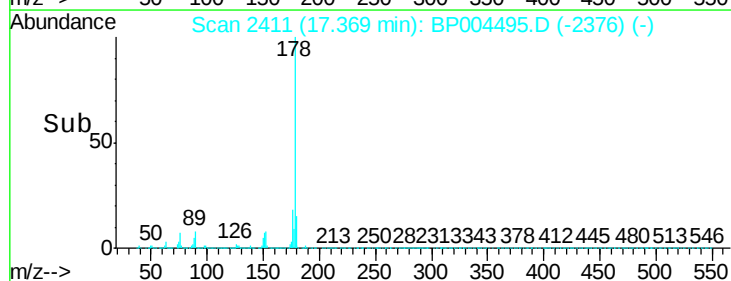
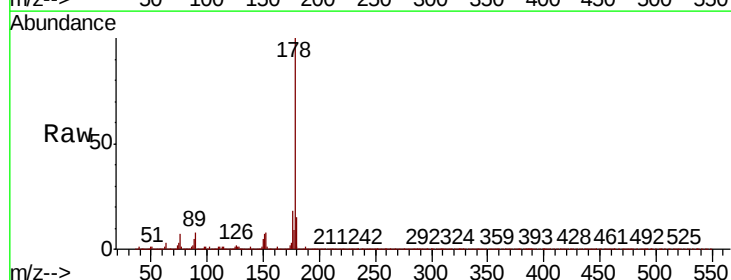
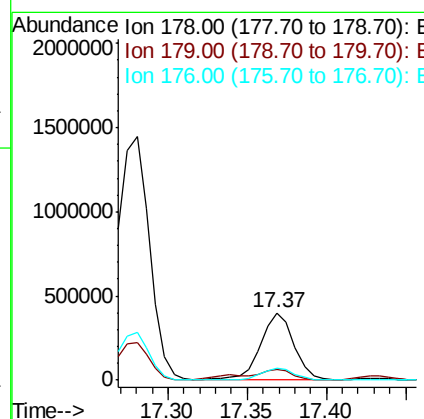
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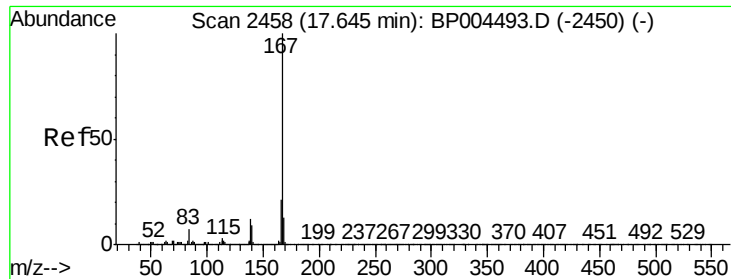
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#72
Anthracene
Concen: 10.208 ng/ul
RT: 17.37 min Scan# 2411
Delta R.T. 0.01 min
Lab File: BP004495.D
Acq: 11 Jan 2021 15:16

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.4	15.0	22.4





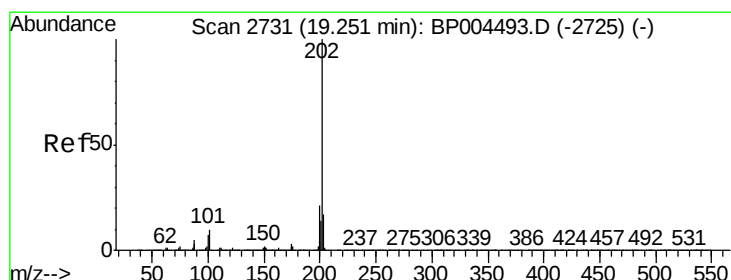
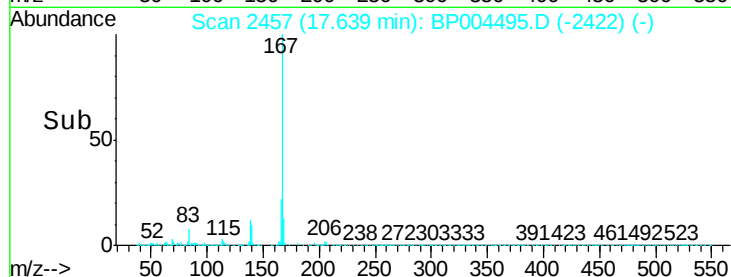
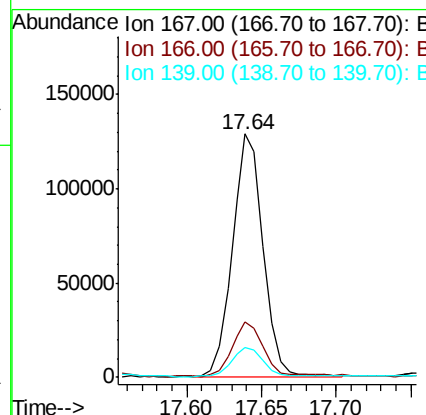
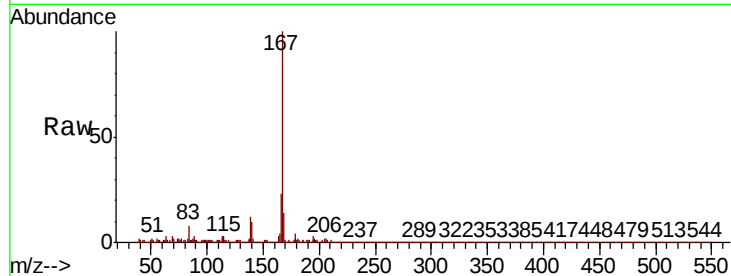
#75
 Carbazole
 Concen: 3.892 ng/ul
 RT: 17.64 min Scan# 2457
 Delta R.T. 0.01 min
 Lab File: BP004495.D
 Acq: 11 Jan 2021 15:16

Instrument :
 BNA_P
 ClientSampleId :
 BFN59

Tot Ion:	167	Resp:	183409
Ion Ratio	Lower	Upper	
167	100		
166	22.6	16.9	25.3
139	12.4	9.5	14.3

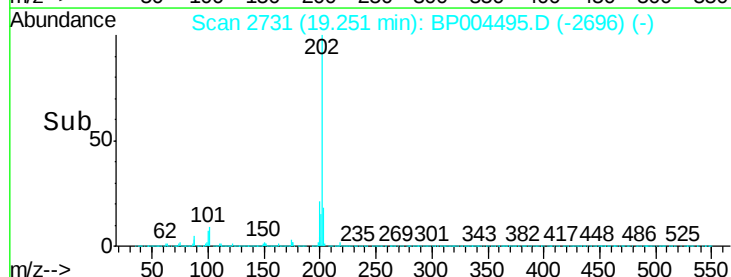
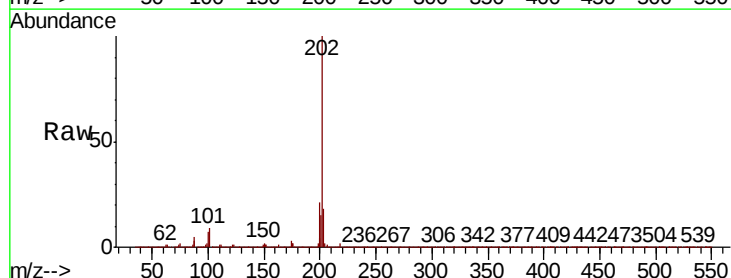
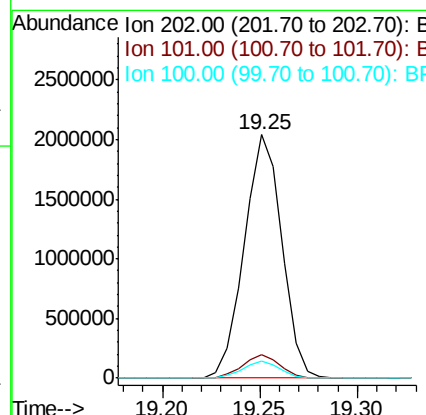
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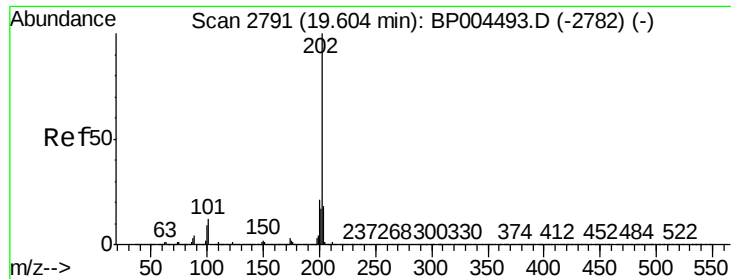
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#77
 Fluoranthene
 Concen: 42.046 ng/ul
 RT: 19.25 min Scan# 2731
 Delta R.T. 0.01 min
 Lab File: BP004495.D
 Acq: 11 Jan 2021 15:16

Tgt Ion:	202	Resp:	2714379
Ion Ratio	Lower	Upper	
202	100		
101	9.4	8.0	12.0
100	7.2	6.2	9.4





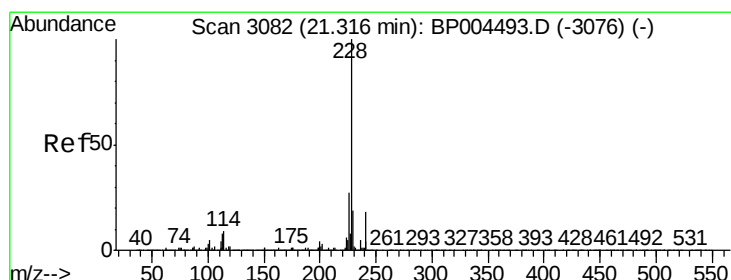
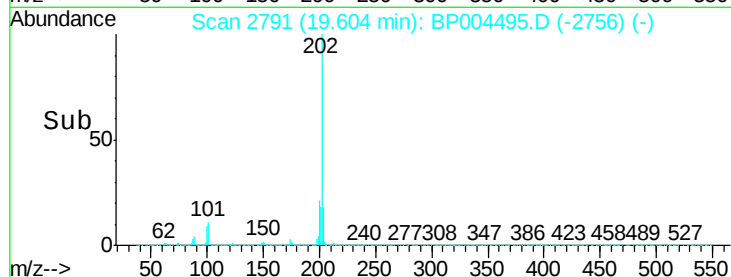
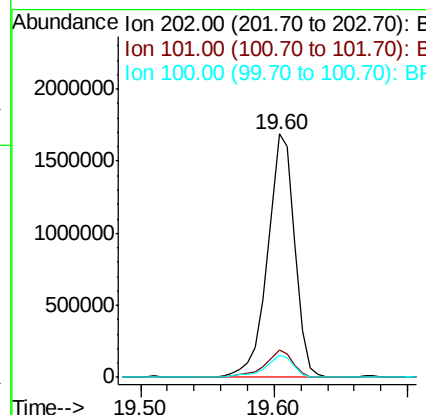
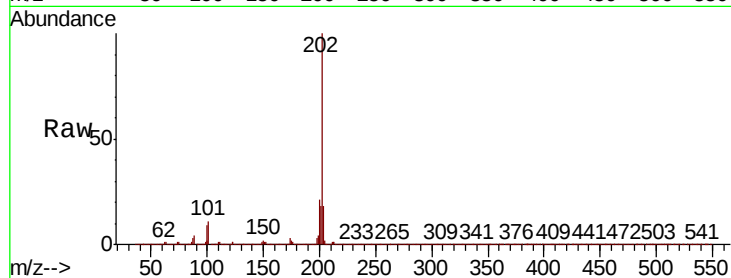
#80
Pvrene
Concen: 34.361 ng/ul
RT: 19.60 min Scan# 2791
Delta R.T. 0.01 min
Lab File: BP004495.D
Acq: 11 Jan 2021 15:16

Instrument :
BNA_P
ClientSampleId :
BFN59

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.8	14.8
100	9.1	8.0	12.0

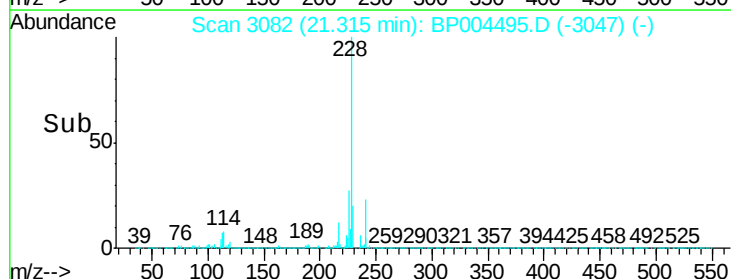
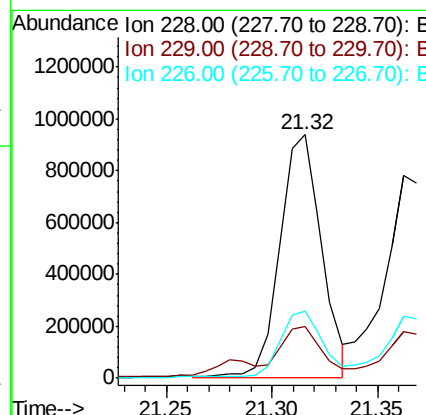
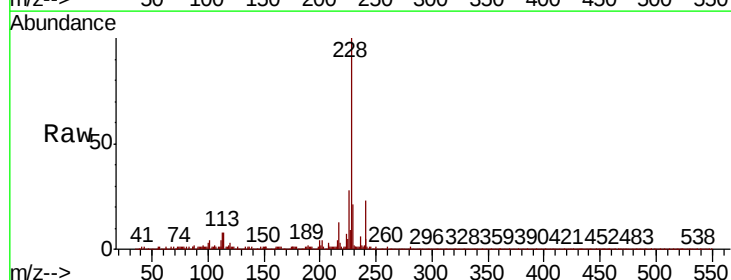
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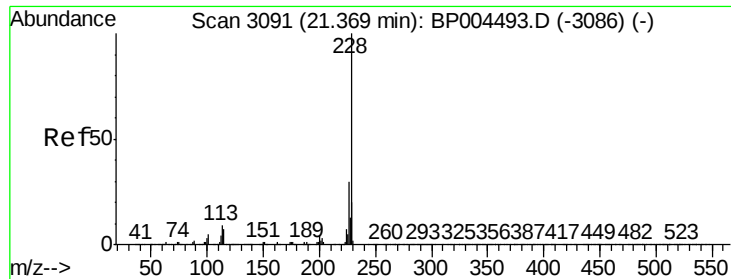
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#83
Benzo(a)anthracene
Concen: 18.808 ng/ul
RT: 21.32 min Scan# 3082
Delta R.T. 0.01 min
Lab File: BP004495.D
Acq: 11 Jan 2021 15:16

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.4	23.2
226	27.6	21.6	32.4





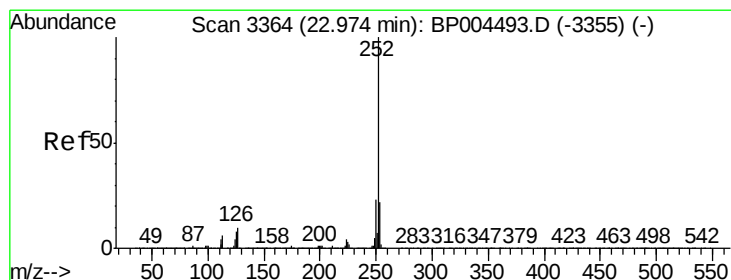
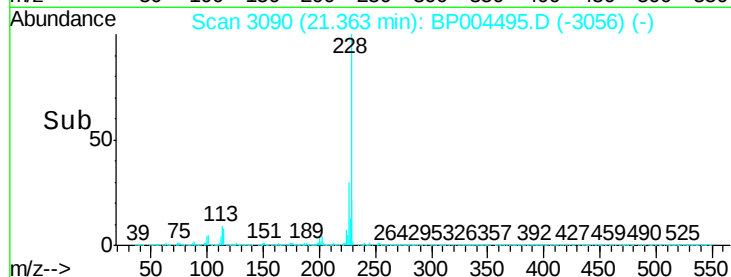
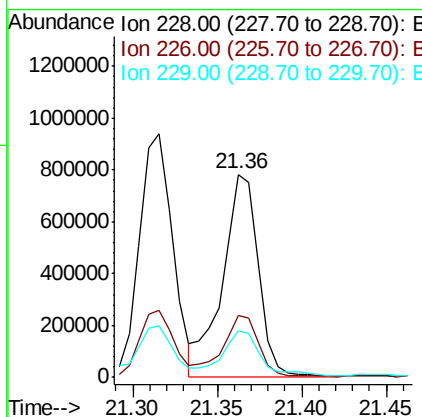
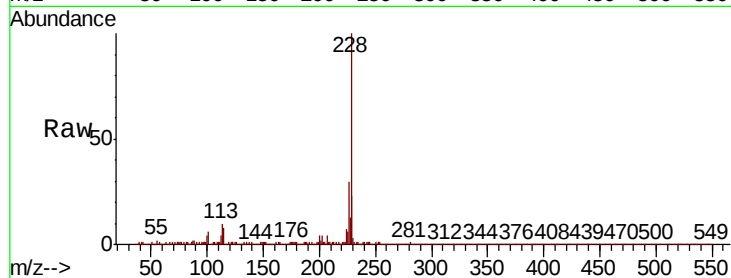
#85
Chrysene
Concen: 17.478 ng/ul
RT: 21.36 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BP004495.D
Acq: 11 Jan 2021 15:16

Instrument :
BNA_P
ClientSampleId :
BFN59

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.4
229	23.0	15.8	23.6

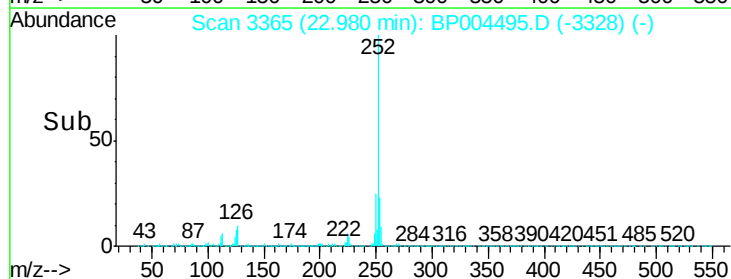
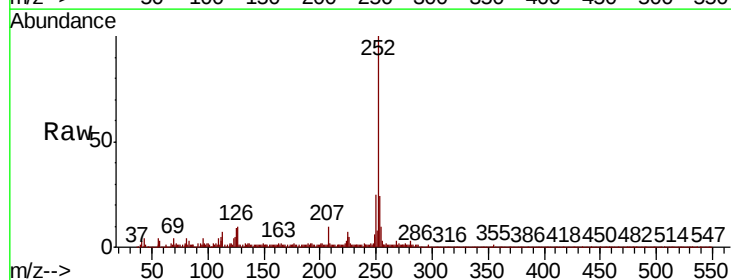
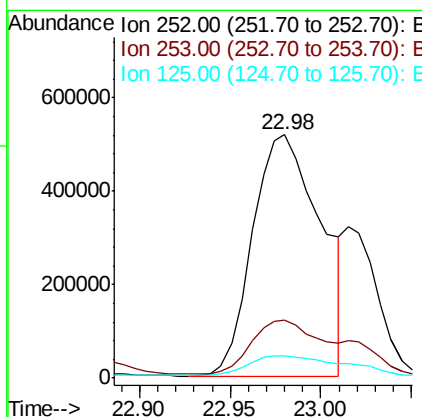
Manual Integrations
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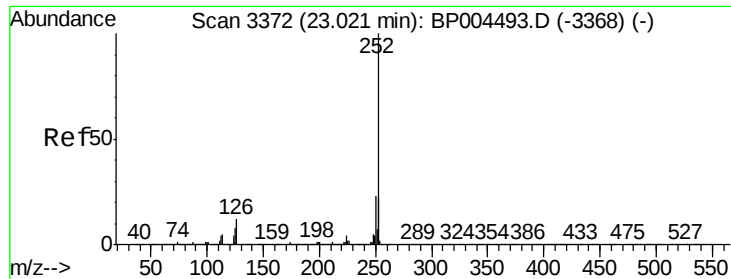
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#88
Benzo(b)fluoranthene
Concen: 19.557 ng/ul
RT: 22.98 min Scan# 3365
Delta R.T. 0.02 min
Lab File: BP004495.D
Acq: 11 Jan 2021 15:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	9.2	7.2	10.8





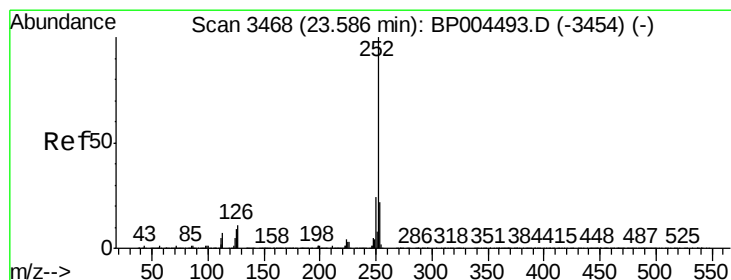
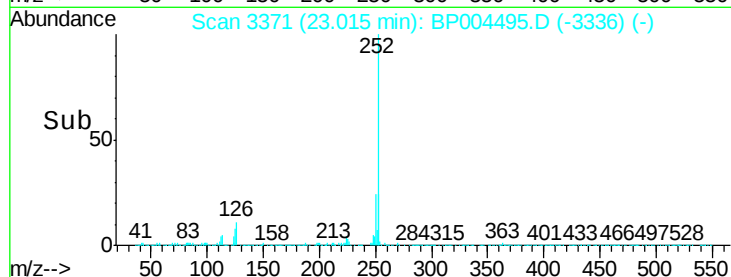
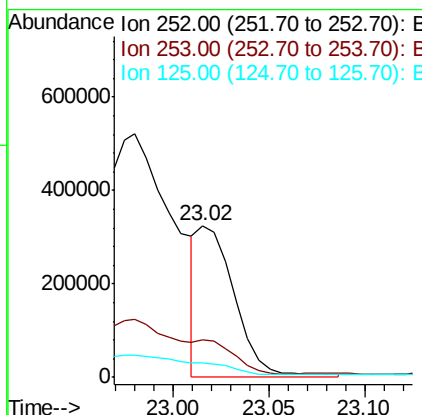
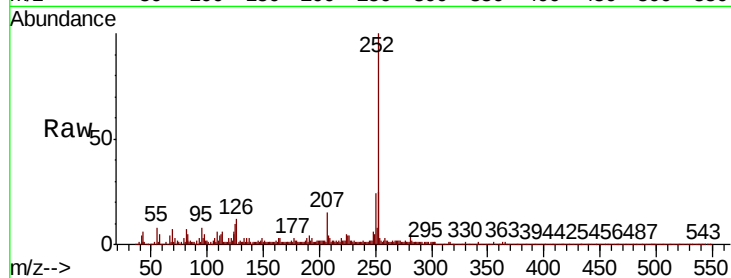
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Benzo(k)fluoranthene
Concen: 6.415 ng/ul m
RT: 23.02 min Scan# 3371
Delta R.T. 0.01 min
Lab File: BP004495.D
Acq: 11 Jan 2021 15:16

Instrument :
BNA_P
ClientSampleId :
BFN59

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.5	26.3
125	9.7	7.2	10.8

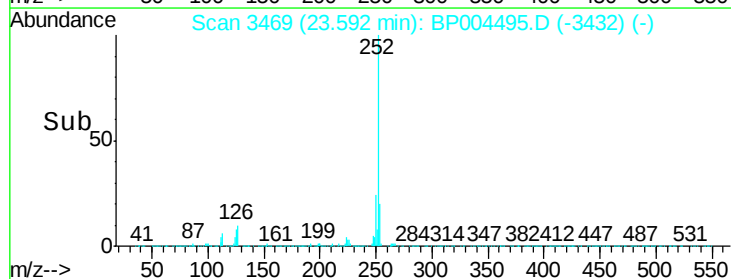
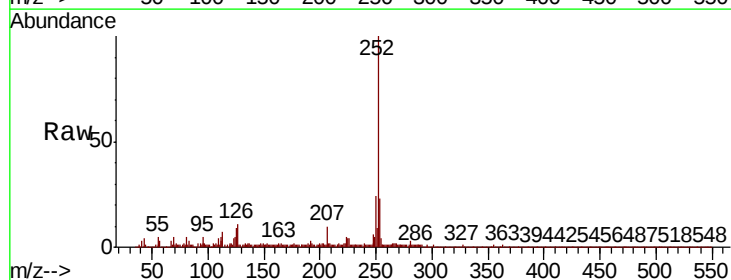
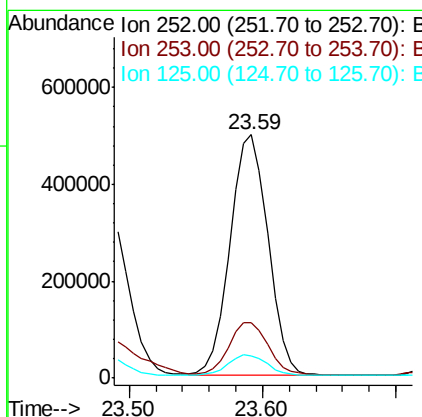
Manual Integrations
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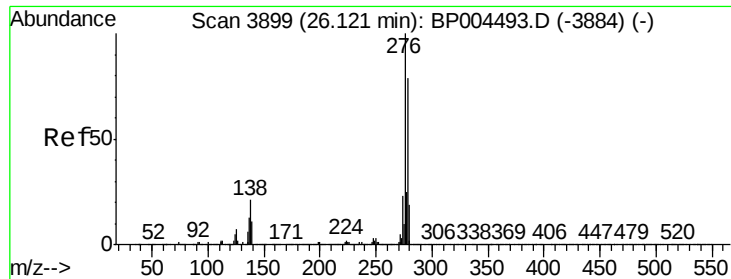
mohammad
1/12/2021 8:48:15 AM



#91
Benzo(a)pyrene
Concen: 15.473 ng/ul
RT: 23.59 min Scan# 3469
Delta R.T. 0.02 min
Lab File: BP004495.D
Acq: 11 Jan 2021 15:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	9.3	8.1	12.1





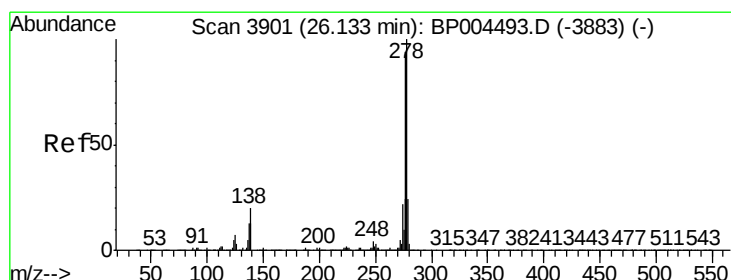
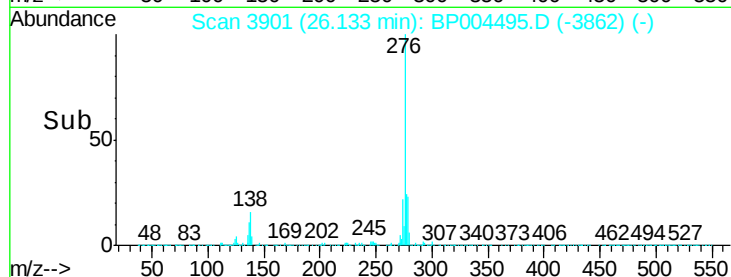
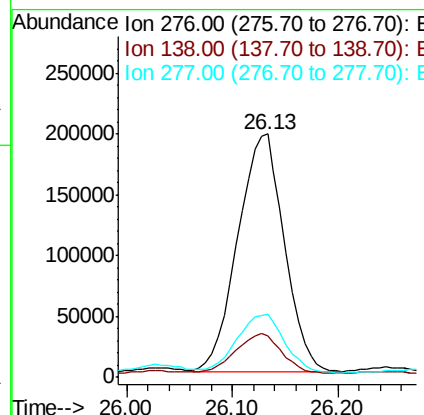
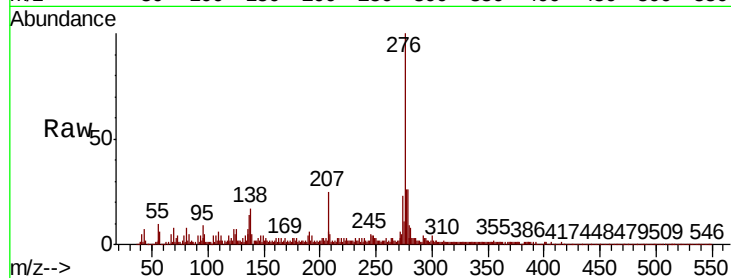
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 7.336 ng/ul
 RT: 26.13 min Scan# 3901
 Delta R.T. 0.03 min
 Lab File: BP004495.D
 Acq: 11 Jan 2021 15:16

Instrument :
 BNA_P
 ClientSampled :
 BFN59

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.8	17.9	26.9#
277	25.9	20.3	30.5

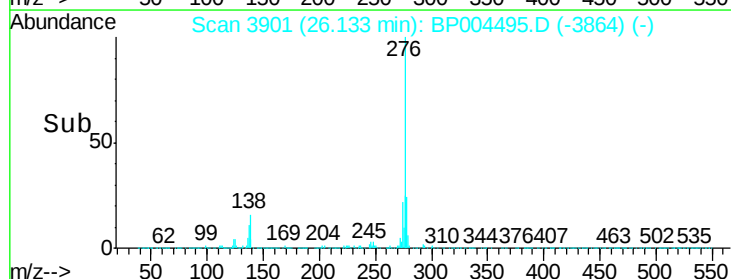
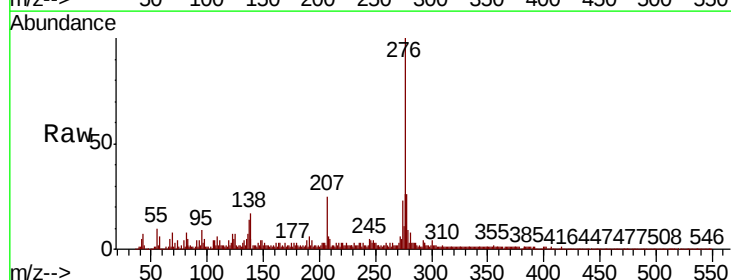
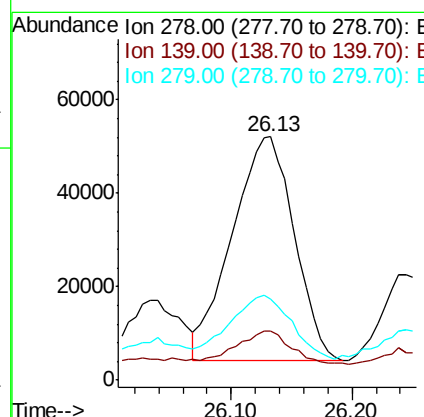
Manual Integrations
 APPROVED

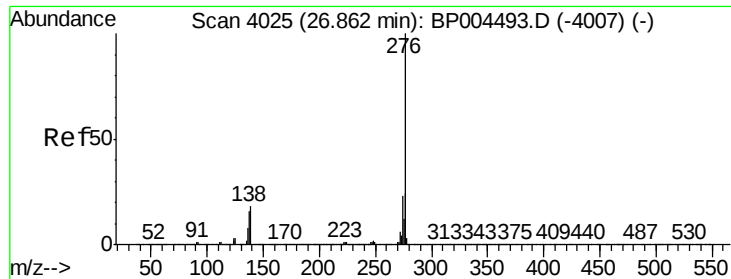
mohammad
 1/12/2021 8:48:15 AM



#93
 Dibenzo(a,h)anthracene
 Concen: 2.534 ng/ul
 RT: 26.13 min Scan# 3901
 Delta R.T. 0.02 min
 Lab File: BP004495.D
 Acq: 11 Jan 2021 15:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.2	11.4	17.2#
279	33.0	19.1	28.7#





#94

Benzo(a,h,i)perylene

Concen: 7.803 ng/ul

RT: 26.87 min Scan# 4027

Delta R.T. 0.03 min

Lab File: BP004495.D

Acq: 11 Jan 2021 15:16

Instrument :

BNA_P

ClientSampleId :

BFN59

Tot Ion:	276	Resp:	528911
Ion Ratio	Lower	Upper	
276	100		
138	18.2	15.8	23.6
277	24.9	18.7	28.1

Manual Integrations
APPROVED

mohammad
1/12/2021 8:48:15 AM

