

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
 Data File : BP004252.D
 Acq On : 12 Dec 2020 11:11
 Operator : CG/JU
 Sample : L5063-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AD8

Manual Integrations
 APPROVED

mohammad
 12/14/2020 2:45:34 PM

Quant Time: Dec 14 14:23:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 10 13:52:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	332927	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1314313	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	732771	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1484066	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	1589265	20.00	ng/ul	0.01
86) Perylene-d12	23.70	264	1858478	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	23849	2.52	ng/uL	0.00
5) Phenol-d5	6.99	99	421818	15.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	257985	15.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	334480	16.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	322469	15.50	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	169732	15.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	153789	17.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	314923	16.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	296768	12.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	923406	16.49	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	1269692	17.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	131582	13.91	ng/ul	0.00
58) Fluorene-d10	15.47	176	836922	16.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	96370	13.53	ng/ul	0.00
71) Anthracene-d10	17.33	188	1314701	18.18	ng/ul	0.00
79) Pyrene-d10	19.57	212	1524589	18.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	1742561	17.80	ng/ul	0.03

Target Compounds

					Ovalue	
28) Naphthalene	10.67	128	219899	2.951	ng/ul	98
34) 2-Methylnaphthalene	12.29	142	452408	9.025	ng/ul	98
41) 1,1'-Biphenyl	13.30	154	367840	5.986	ng/ul	99
45) Dimethylphthalate	13.93	163	128901	2.260	ng/ul#	89
54) Dibenzofuran	14.87	168	84719	1.197	ng/ul#	36
70) Phenanthrene	17.28	178	1146436	13.094	ng/ul#	95
77) Fluoranthene	19.25	202	431309	4.614	ng/ul#	93
80) Pyrene	19.60	202	2262344	21.103	ng/ul	98
83) Benzo(a)anthracene	21.32	228	347009	3.312	ng/ul#	22
84) Bis(2-ethylhexyl)phthalate	21.25	149	125038	2.610	ng/ul#	32
85) Chrysene	21.37	228	413880m	4.027	ng/ul	
88) Benzo(b)fluoranthene	22.99	252	394956	3.351	ng/ul#	17
91) Benzo(a)pyrene	23.60	252	285052	2.592	ng/ul#	24
92) Indeno(1,2,3-cd)pyrene	26.13	276	157896	1.145	ng/ul#	58
94) Benzo(g,h,i)perylene	26.88	276	225914	1.952	ng/ul#	72

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

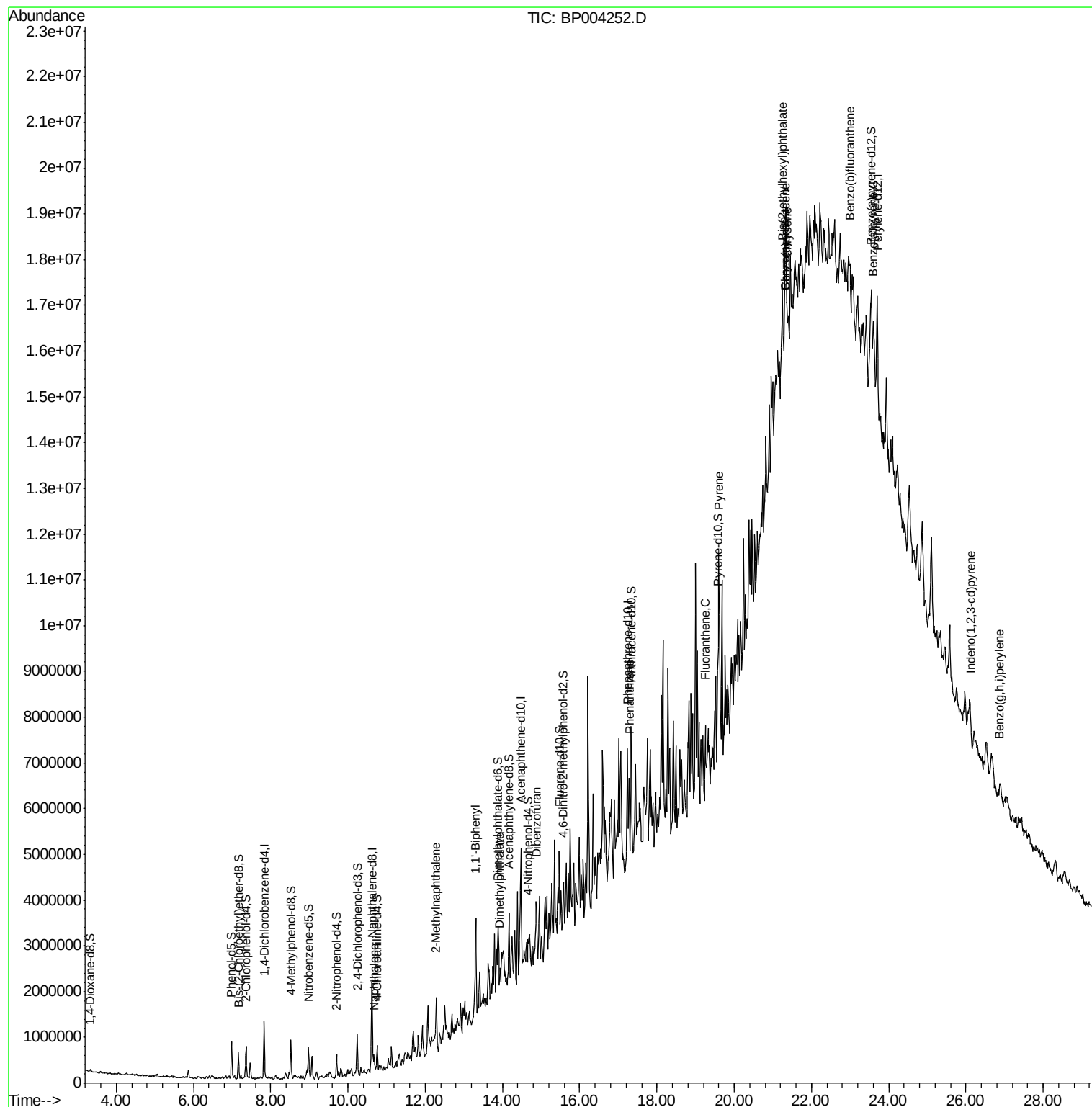
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004252.D
Acq On : 12 Dec 2020 11:11
Operator : CG/JU
Sample : L5063-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

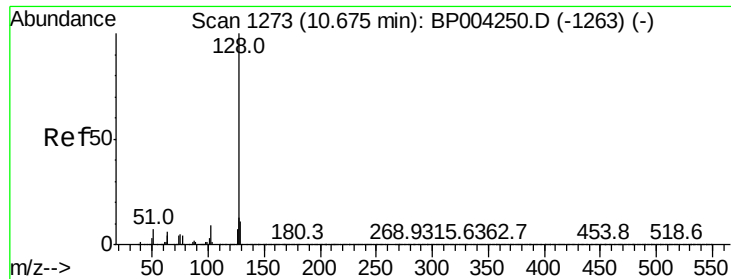
Instrument :
BNA_P
ClientSampled :
C0AD8

Quant Time: Dec 14 14:23:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration

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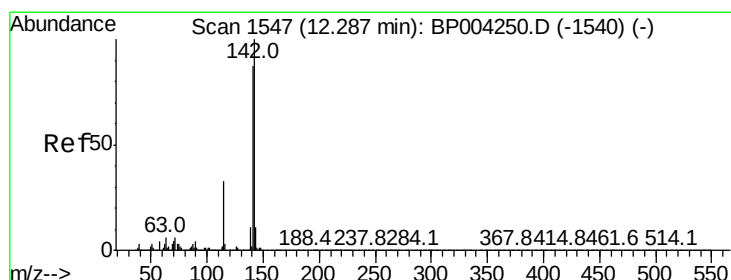
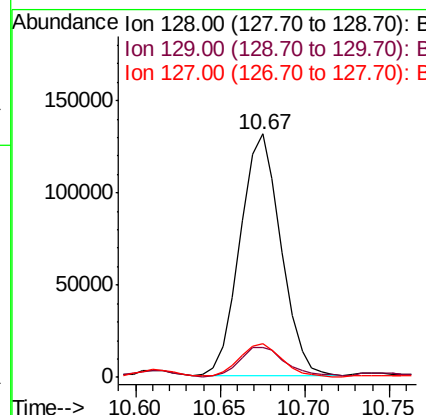
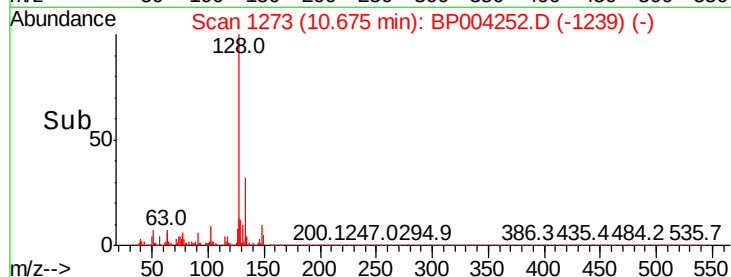
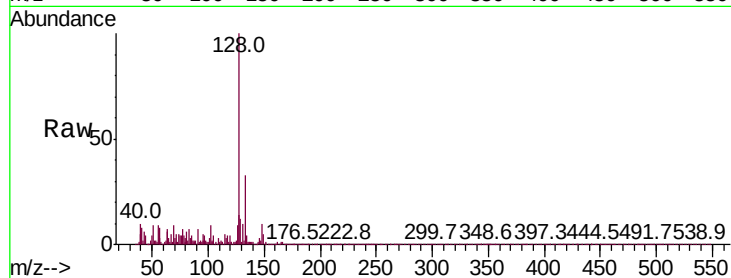
#28
Naphthalene
Concen: 2.951 ng/ul
RT: 10.67 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BP004252.D
Acq: 12 Dec 2020 11:11

Instrument :
BNA_P
ClientSampleId :
C0AD8

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.4	8.8	13.2
127	13.7	10.6	16.0

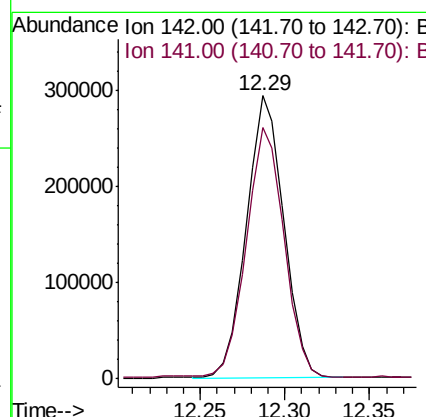
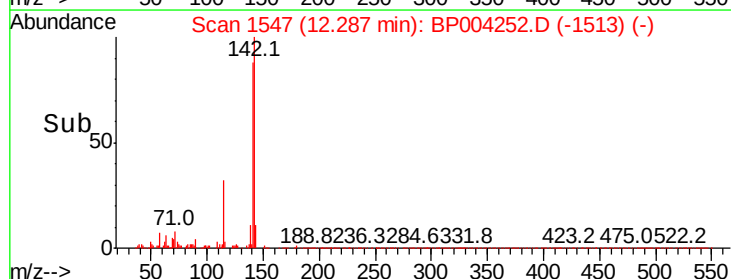
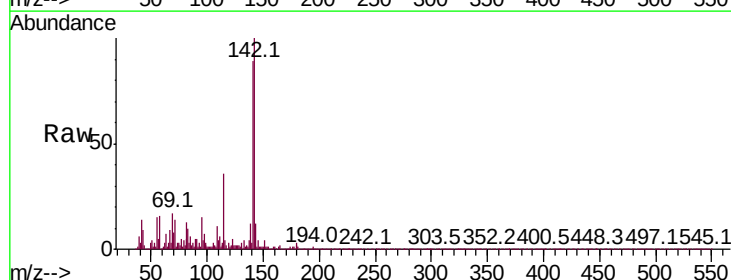
Manual Integrations
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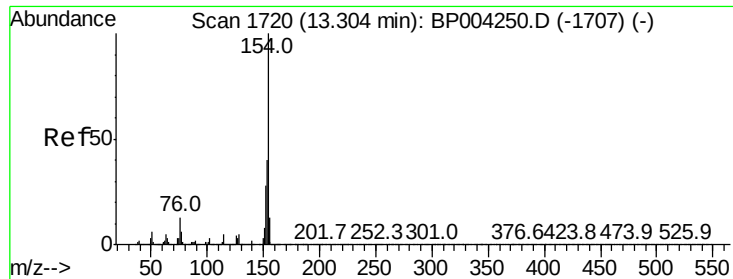
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#34
2-Methylnaphthalene
Concen: 9.025 ng/ul
RT: 12.29 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BP004252.D
Acq: 12 Dec 2020 11:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	69.7	104.5





#41

1,1'-Biphenyl

Concen: 5.986 ng/ul

RT: 13.30 min Scan# 1720

Delta R.T. -0.00 min

Lab File: BP004252.D

Acq: 12 Dec 2020 11:11

Instrument :

BNA_P

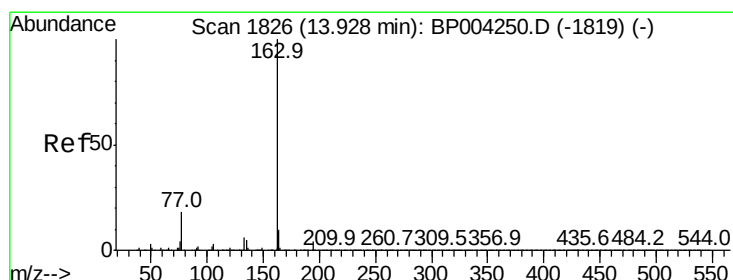
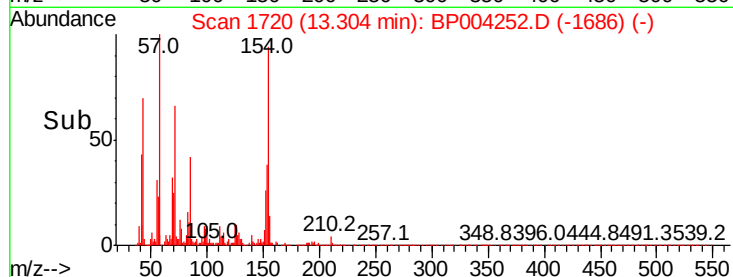
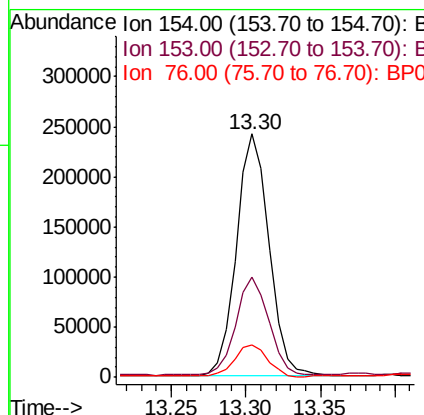
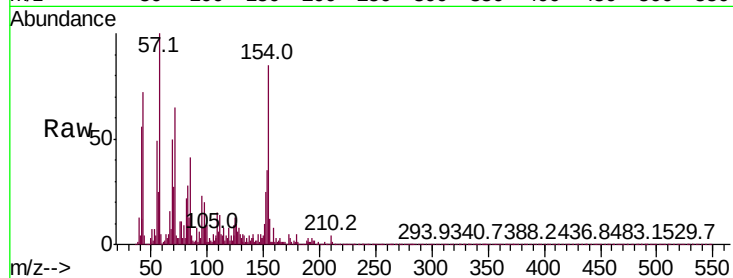
ClientSampleId :

C0AD8

Tot Ion:	154	Resp:	367840
Ion Ratio	Lower	Upper	
154	100		
153	41.1	32.2	48.2
76	13.2	11.0	16.6

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#45

Dimethylphthalate

Concen: 2.260 ng/ul

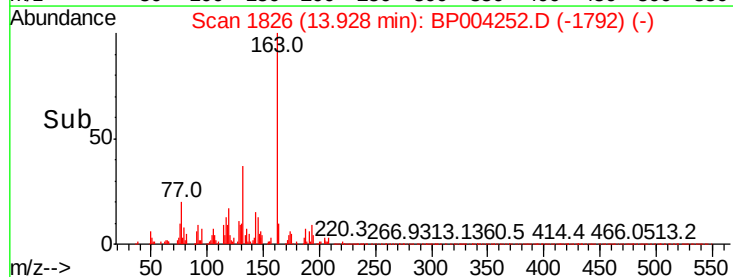
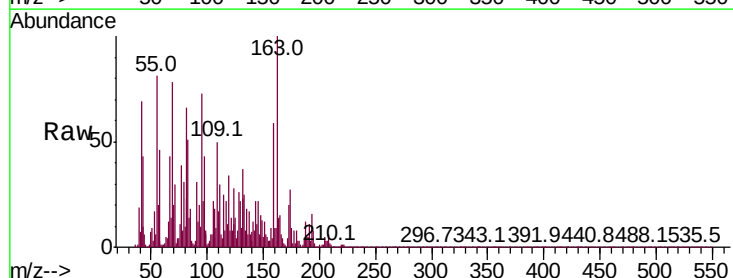
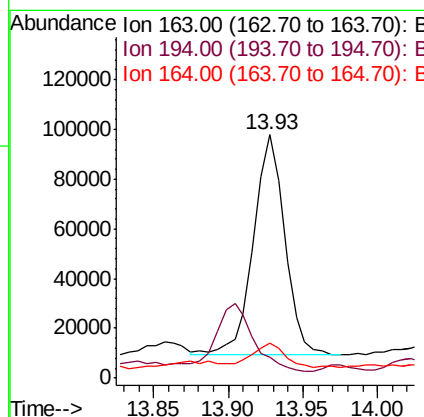
RT: 13.93 min Scan# 1826

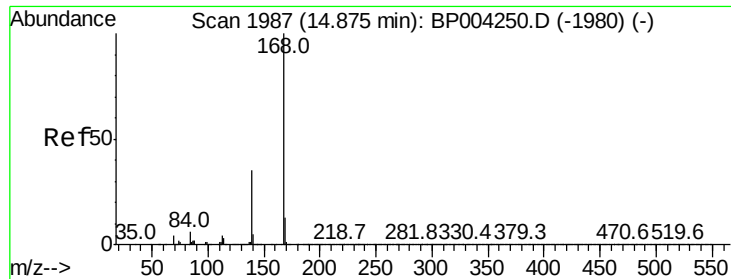
Delta R.T. -0.00 min

Lab File: BP004252.D

Acq: 12 Dec 2020 11:11

Tgt Ion:	163	Resp:	128901
Ion Ratio	Lower	Upper	
163	100		
194	8.4	3.4	5.2#
164	14.2	8.4	12.6#





#54

Dibenzofuran

Concen: 1.197 ng/ul

RT: 14.87 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BP004252.D

Acq: 12 Dec 2020 11:11

Instrument :

BNA_P

ClientSampleId :

C0AD8

Tot Ion:168 Resp: 84719

Ion Ratio Lower Upper

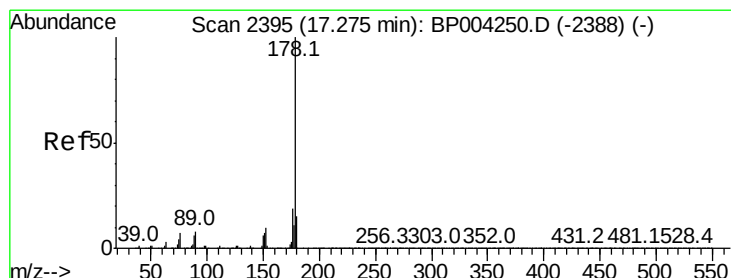
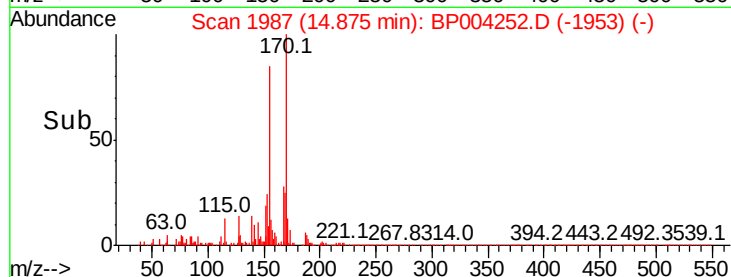
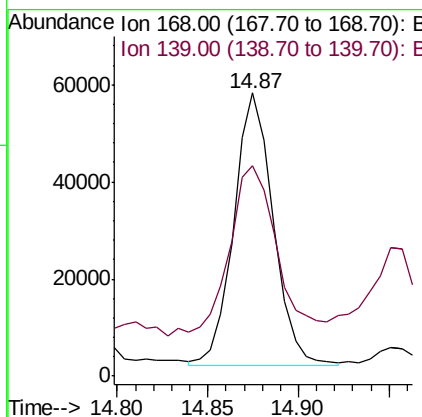
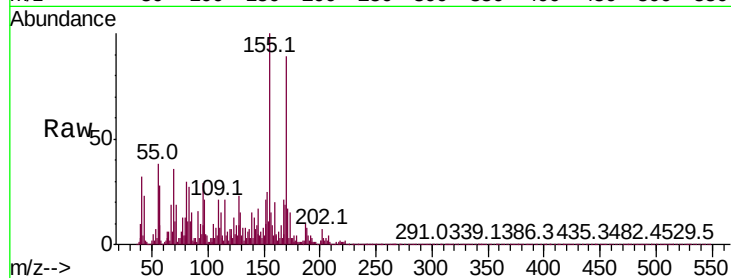
168 100

139 74.3 29.0 43.6#

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#70

Phenanthrene

Concen: 13.094 ng/ul

RT: 17.28 min Scan# 2396

Delta R.T. 0.01 min

Lab File: BP004252.D

Acq: 12 Dec 2020 11:11

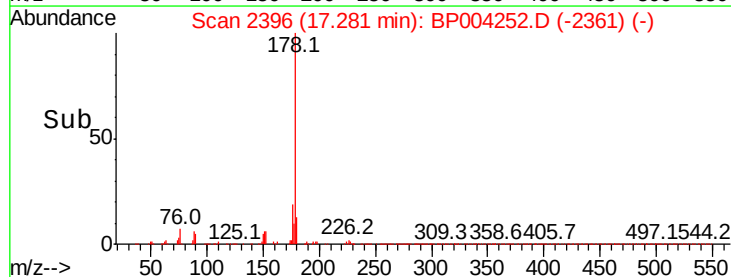
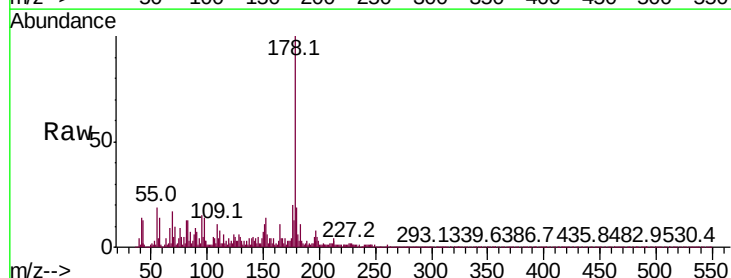
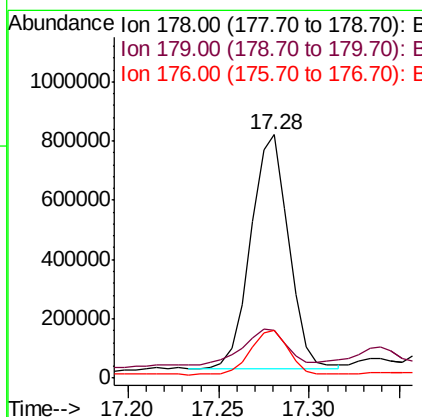
Tgt Ion:178 Resp: 1146436

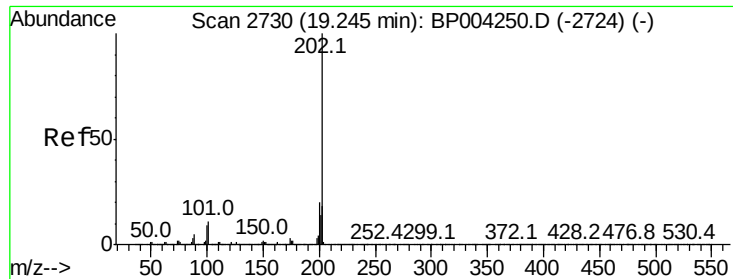
Ion Ratio Lower Upper

178 100

179 19.4 12.4 18.6#

176 19.6 15.4 23.0





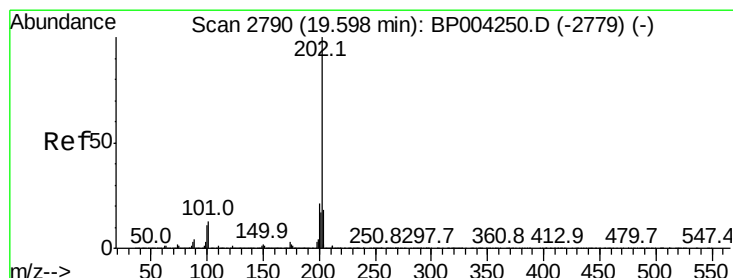
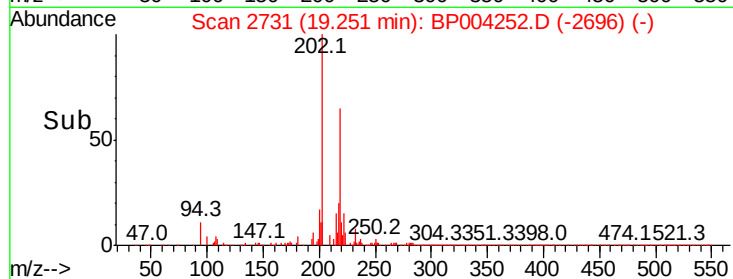
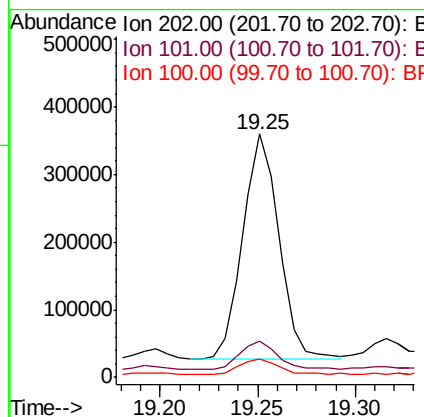
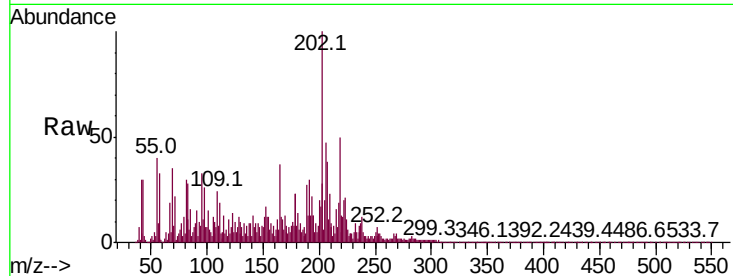
#77
Fluoranthene
Concen: 4.614 ng/ul
RT: 19.25 min Scan# 2731
Delta R.T. 0.01 min
Lab File: BP004252.D
Acq: 12 Dec 2020 11:11

Instrument :
BNA_P
ClientSampleID :
C0AD8

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.7	9.1	13.7#
100	7.4	7.1	10.7

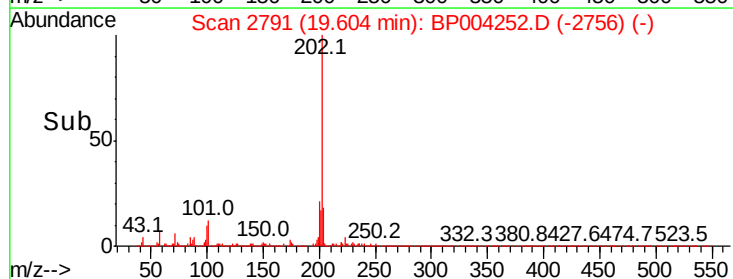
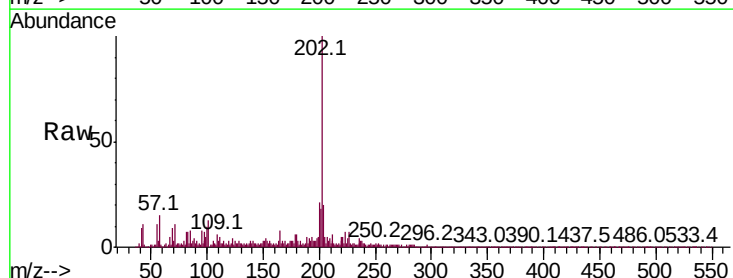
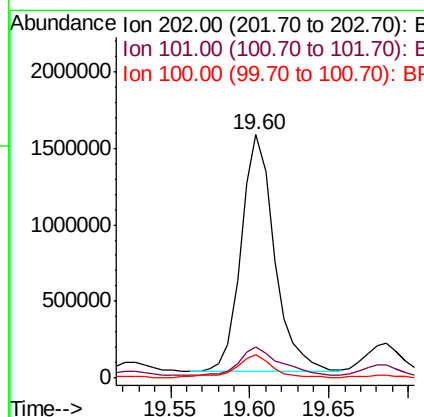
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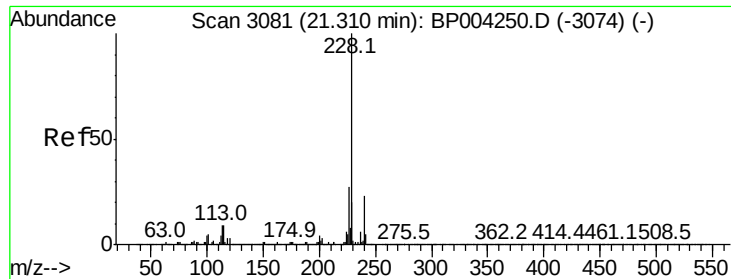
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#80
Pyrene
Concen: 21.103 ng/ul
RT: 19.60 min Scan# 2791
Delta R.T. 0.01 min
Lab File: BP004252.D
Acq: 12 Dec 2020 11:11

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.5	10.6	15.8
100	9.8	8.6	12.8





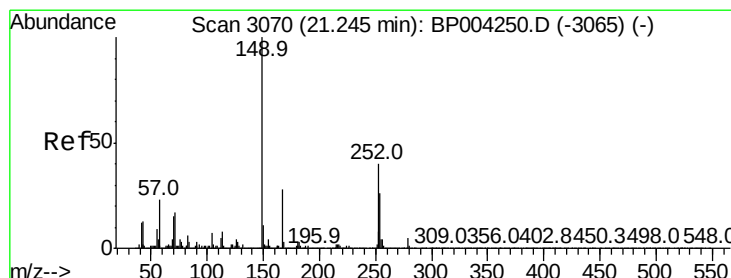
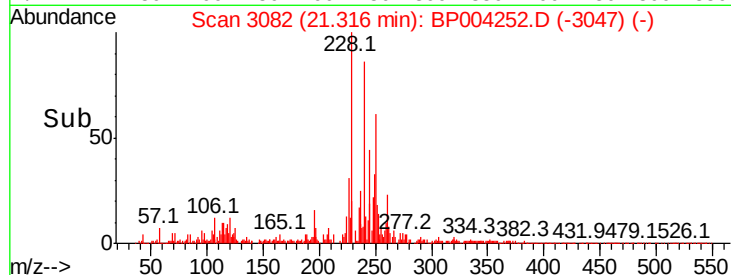
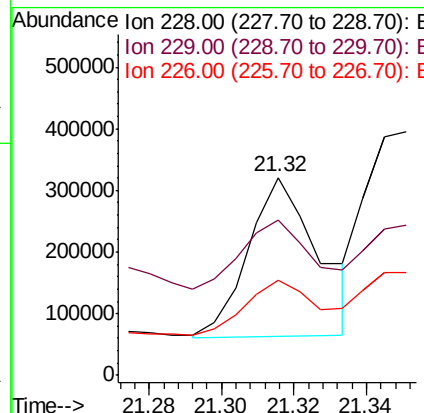
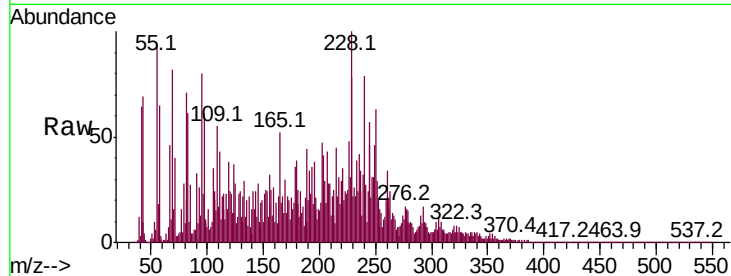
#83
Benzo(a)anthracene
Concen: 3.312 ng/ul
RT: 21.32 min Scan# 3082
Delta R.T. 0.01 min
Lab File: BP004252.D
Acq: 12 Dec 2020 11:11

Instrument :
BNA_P
ClientSampleId :
C0AD8

Tot Ion	Ratio	Lower	Upper
228	100		
229	78.5	15.8	23.8#
226	48.2	21.7	32.5#

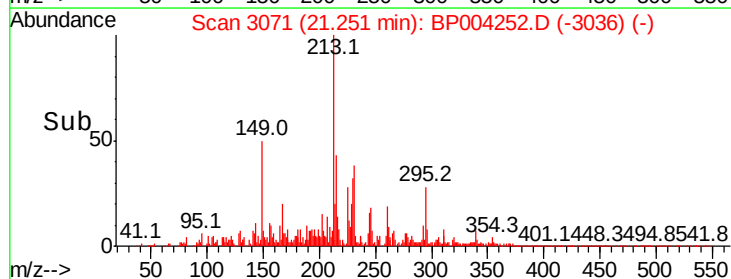
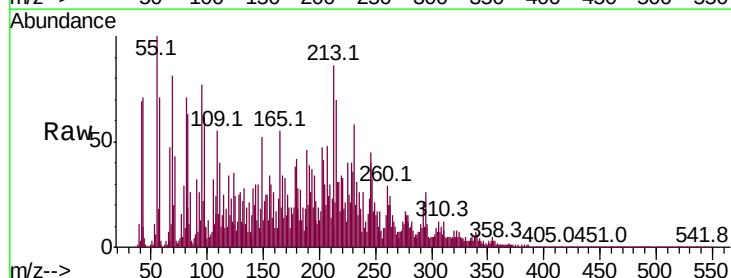
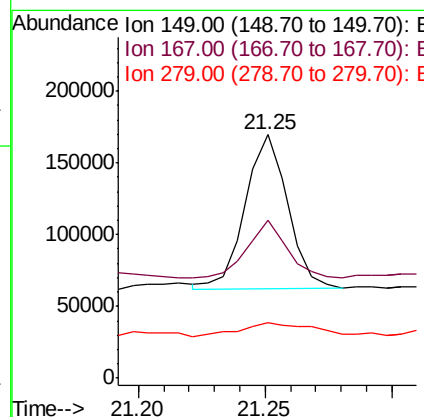
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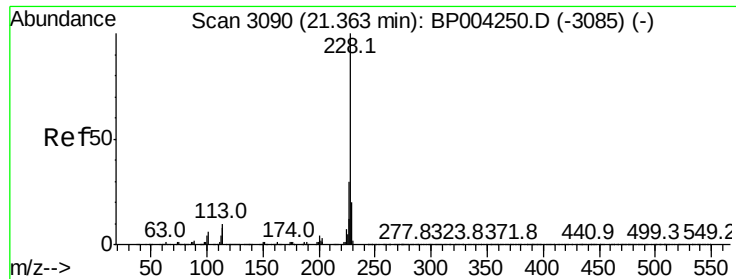
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.610 ng/ul
RT: 21.25 min Scan# 3071
Delta R.T. 0.01 min
Lab File: BP004252.D
Acq: 12 Dec 2020 11:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	64.7	22.2	33.4#
279	22.6	3.6	5.4#





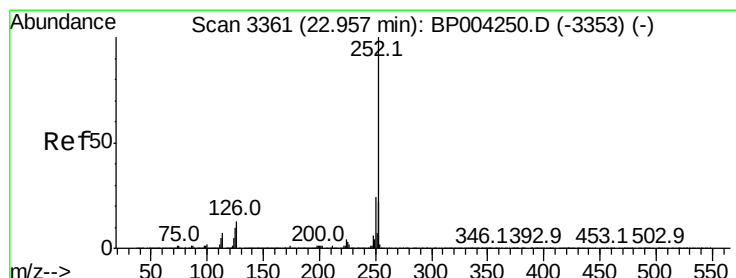
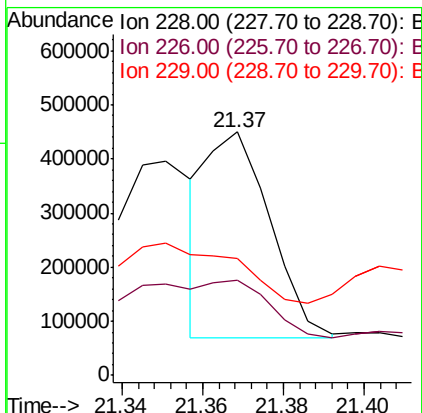
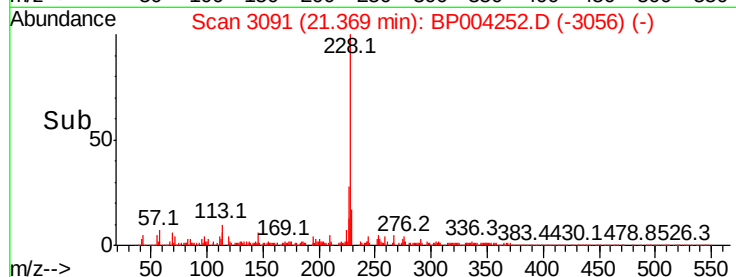
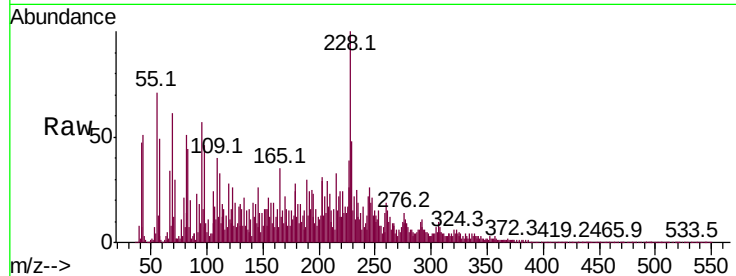
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Chrysene
Concen: 4.027 ng/ul m
RT: 21.37 min Scan# 3091
Delta R.T. 0.01 min
Lab File: BP004252.D
Acq: 12 Dec 2020 11:11

Instrument :
BNA_P
ClientSampled :
C0AD8

Tot Ion	Ratio	Lower	Upper
228	100		
226	39.3	24.2	36.2#
229	48.0	15.8	23.8#

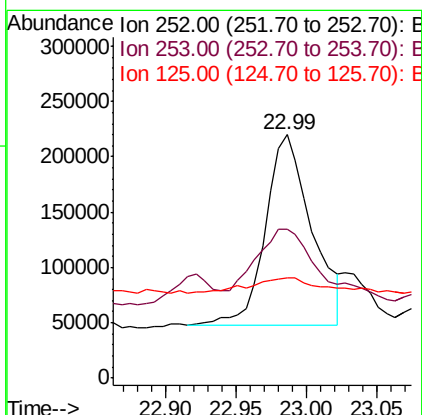
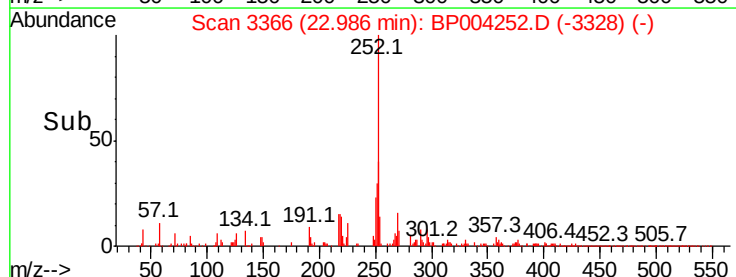
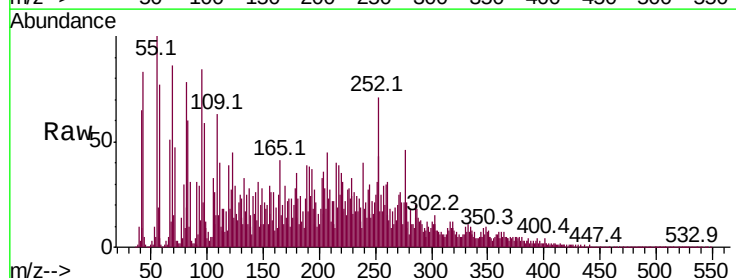
Manual Integrations
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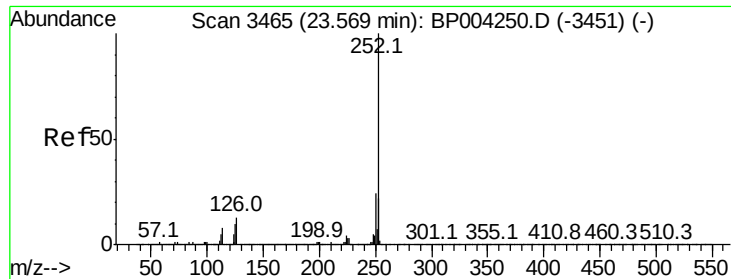
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12/14/2020 2:45:34 PM



#88
Benzo(b)fluoranthene
Concen: 3.351 ng/ul
RT: 22.99 min Scan# 3366
Delta R.T. 0.02 min
Lab File: BP004252.D
Acq: 12 Dec 2020 11:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	61.1	17.6	26.4#
125	41.2	7.7	11.5#





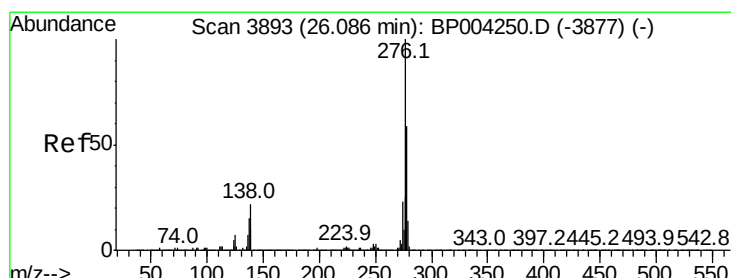
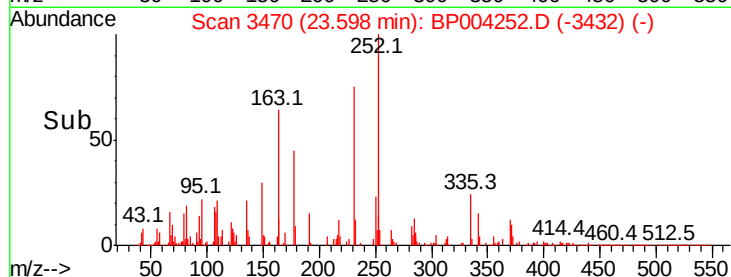
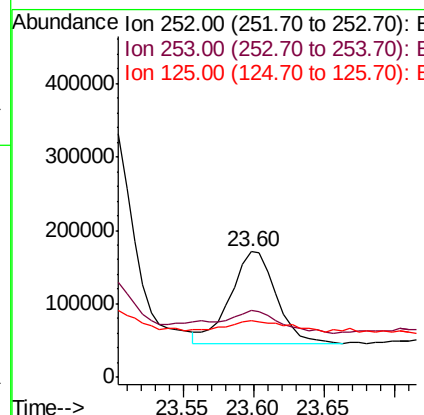
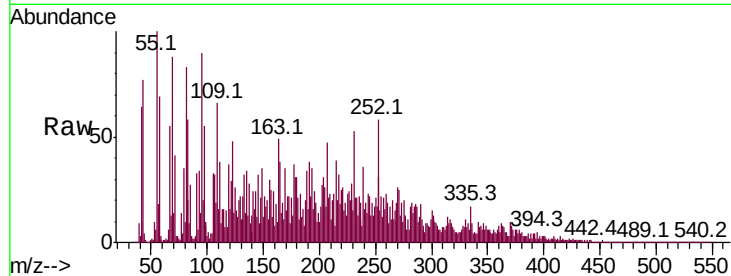
#91
Benzo(a)pyrene
Concen: 2.592 ng/ul
RT: 23.60 min Scan# 3470
Delta R.T. 0.02 min
Lab File: BP004252.D
Acq: 12 Dec 2020 11:11

Instrument :
BNA_P
ClientSampled :
C0AD8

Tot Ion	Ratio	Lower	Upper
252	100		
253	53.4	17.3	25.9#
125	44.8	7.8	11.6#

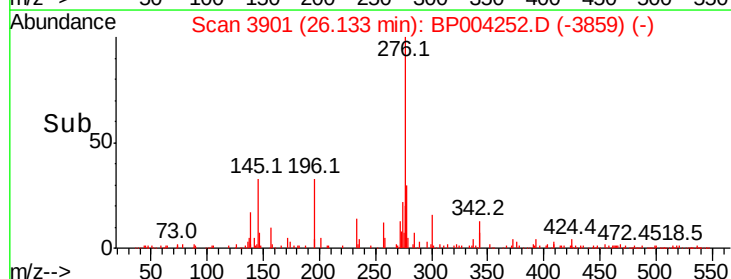
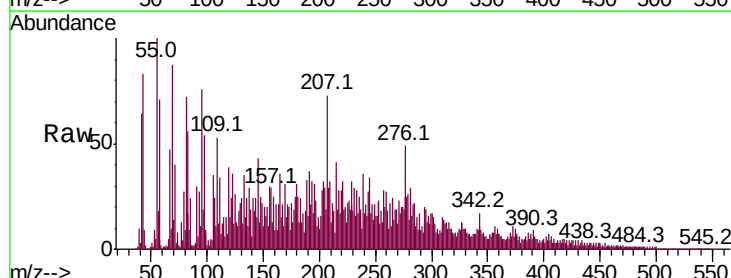
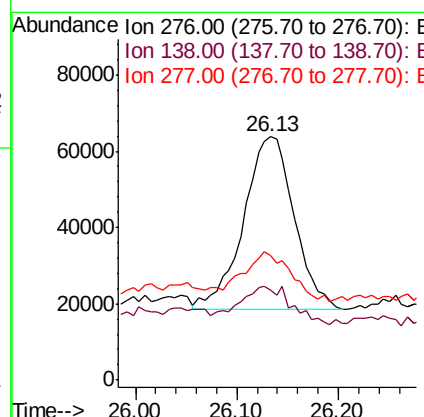
Manual Integrations
APPROVED

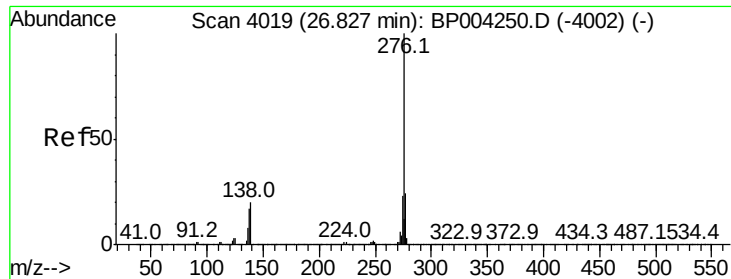
mohammad
12/14/2020 2:45:34 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 1.145 ng/ul
RT: 26.13 min Scan# 3901
Delta R.T. 0.05 min
Lab File: BP004252.D
Acq: 12 Dec 2020 11:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	37.1	17.8	26.6#
277	51.0	19.8	29.6#





#94

Benzo(a,h,i)perylene

Concen: 1.952 ng/ul

RT: 26.88 min Scan# 4028

Delta R.T. 0.05 min

Lab File: BP004252.D

Acq: 12 Dec 2020 11:11

Instrument :

BNA_P

ClientSampleId :

C0AD8

Tot Ion:	276	Resp:	225914
Ion Ratio	Lower	Upper	
276	100		
138	29.9	16.6	25.0#
277	40.9	18.5	27.7#

Manual Integrations
APPROVED

mohammad
12/14/2020 2:45:34 PM

