

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
 Data File : BP004258.D
 Acq On : 12 Dec 2020 14:35
 Operator : CG/JU
 Sample : L5000-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54A1

Manual Integrations
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mohammad
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Quant Time: Dec 14 06:03:23 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	7.84	152	340319	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1372242	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	852077	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.25	188	1856330	20.00	ng/ul	0.01
78) Chrysene-d12	21.33	240	1839489	20.00	ng/ul	0.01
86) Perylene-d12	23.70	264	2135200	20.00	ng/ul	0.02

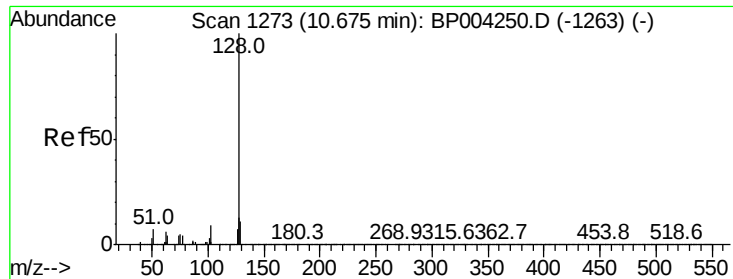
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	16601	1.71	ng/uL	0.00
5) Phenol-d5	7.00	99	359062	12.75	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.16	67	193840	11.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	295793	13.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	277656	13.05	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	140012	12.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	147293	15.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	294901	14.47	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	290267	11.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	862530	13.24	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1124575	13.53	ng/ul	0.01
52) 4-Nitrophenol-d4	14.67	143	130642	11.88	ng/ul	0.02
58) Fluorene-d10	15.48	176	770632	13.07	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.60	200	16626	1.87	ng/ul	0.02
71) Anthracene-d10	17.34	188	1229579	13.59	ng/ul	0.00
79) Pyrene-d10	19.58	212	1403978	14.65	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.54	264	1585080	14.09	ng/ul	0.02

Target Compounds

					Ovalue	
28) Naphthalene	10.68	128	401771	5.165	ng/ul	99
34) 2-Methylnaphthalene	12.30	142	144868	2.768	ng/ul	95
45) Dimethylphthalate	13.93	163	231742	3.494	ng/ul	100
50) Acenaphthene	14.55	153	318313	5.450	ng/ul	99
54) Dibenzofuran	14.88	168	497236	6.042	ng/ul	99
59) Fluorene	15.53	166	416392	6.326	ng/ul	98
70) Phenanthrene	17.29	178	6373287	58.195	ng/ul	98
72) Anthracene	17.37	178	1360599	12.557	ng/ul	100
75) Carbazole	17.65	167	760871	8.629	ng/ul	99
77) Fluoranthene	19.26	202	8227110	70.354	ng/ul	97
80) Pyrene	19.61	202	6966817	56.146	ng/ul	97
83) Benzo(a)anthracene	21.32	228	3558354	29.347	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.25	149	56014	1.010	ng/ul#	67
85) Chrysene	21.37	228	3838533	32.270	ng/ul	96
88) Benzo(b)fluoranthene	22.98	252	4840596	35.748	ng/ul	98
89) Benzo(k)fluoranthene	23.02	252	1839707m	13.229	ng/ul	
91) Benzo(a)pyrene	23.59	252	3412984	27.011	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	26.12	276	2509662	15.838	ng/ul	94
93) Dibenzo(a,h)anthracene	26.13	278	608784	4.584	ng/ul#	85
94) Benzo(g,h,i)perylene	26.87	276	1892484	14.235	ng/ul	94

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



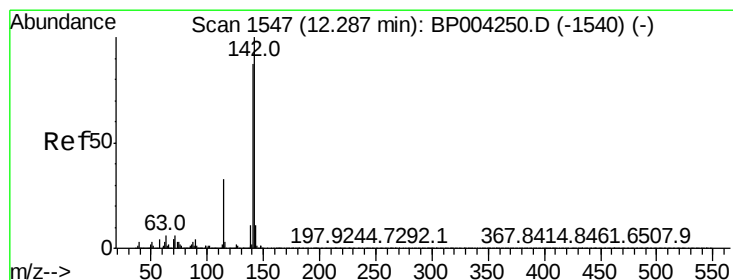
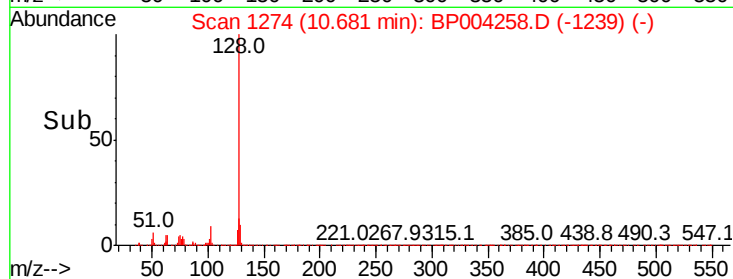
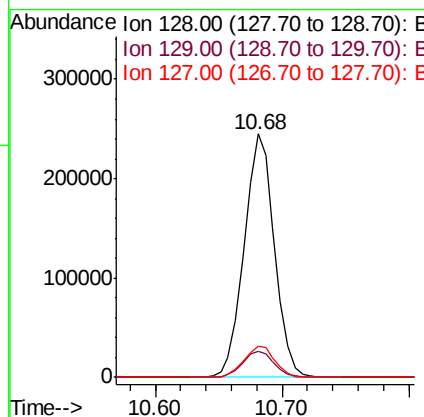
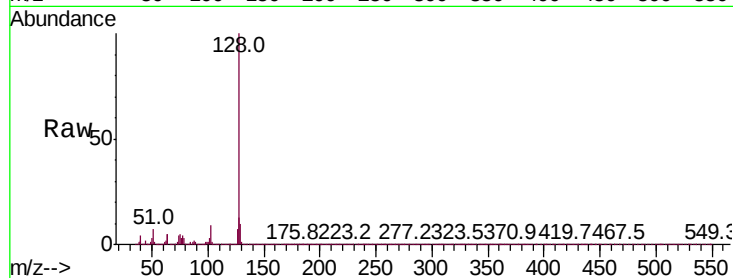
#28
Naphthalene
Concen: 5.165 ng/ul
RT: 10.68 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BP004258.D
Acq: 12 Dec 2020 14:35

Instrument :
BNA_P
ClientSampleId :
A54A1

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.8	13.2
127	12.8	10.6	16.0

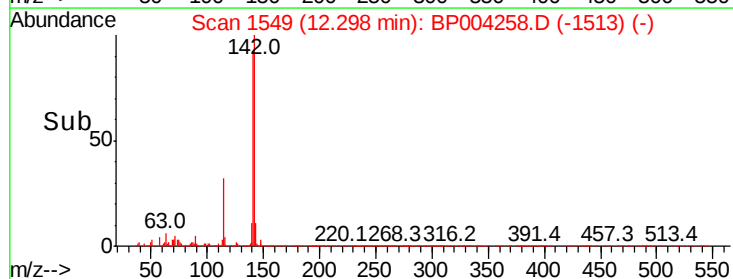
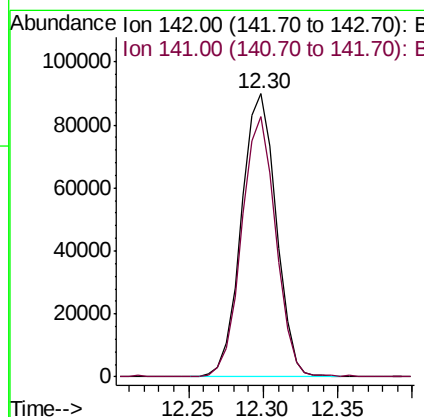
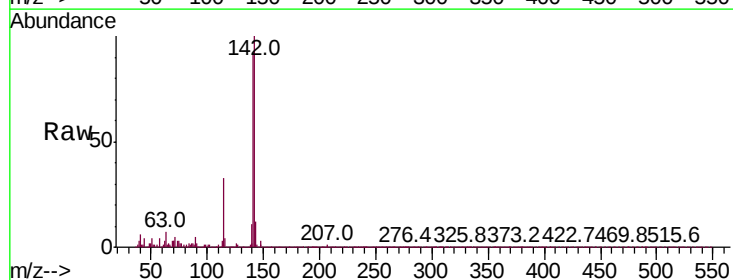
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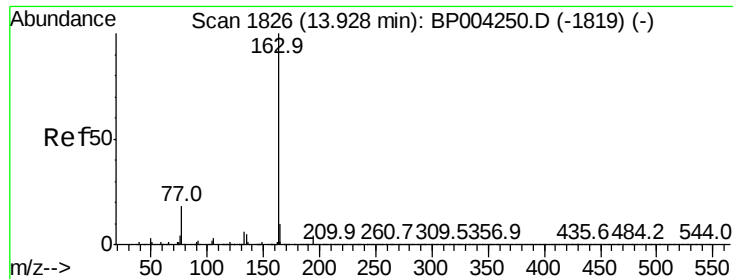
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#34
2-Methylnaphthalene
Concen: 2.768 ng/ul
RT: 12.30 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BP004258.D
Acq: 12 Dec 2020 14:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	69.7	104.5





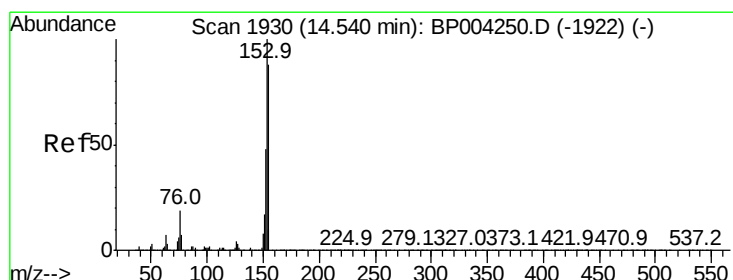
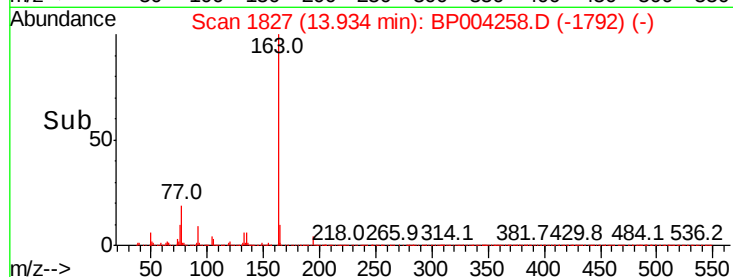
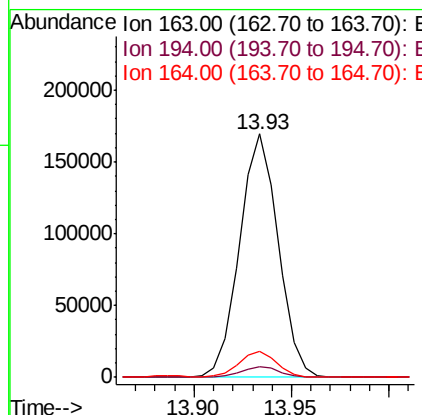
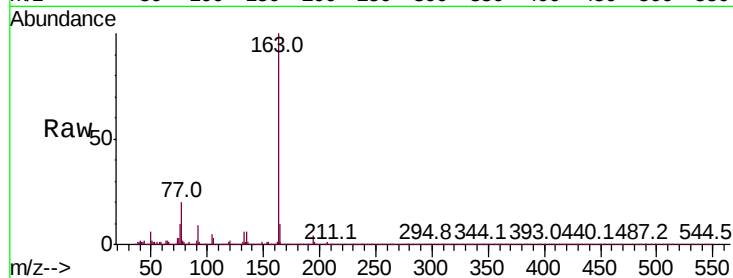
#45
Dimethylphthalate
Concen: 3.494 ng/ul
RT: 13.93 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BP004258.D
Acq: 12 Dec 2020 14:35

Instrument :
BNA_P
ClientSampleId :
A54A1

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.5	8.4	12.6

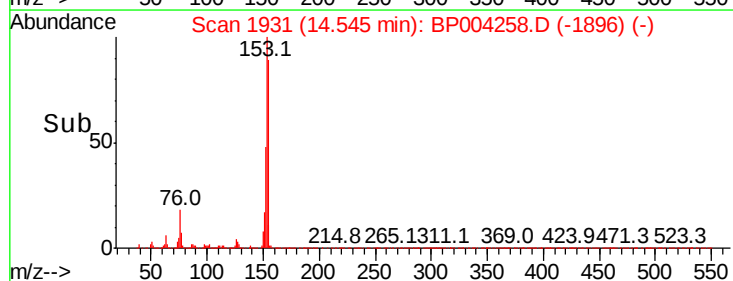
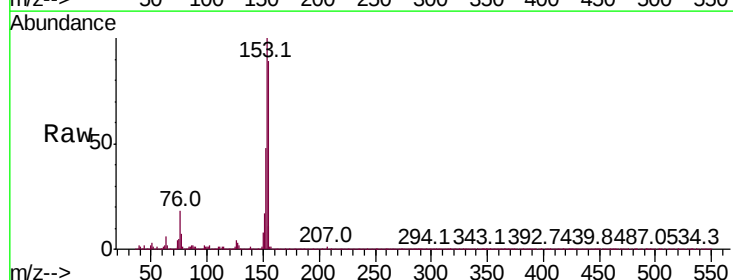
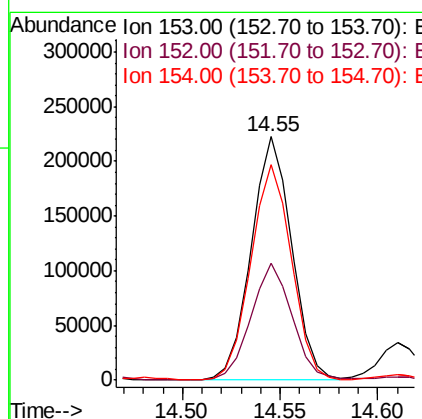
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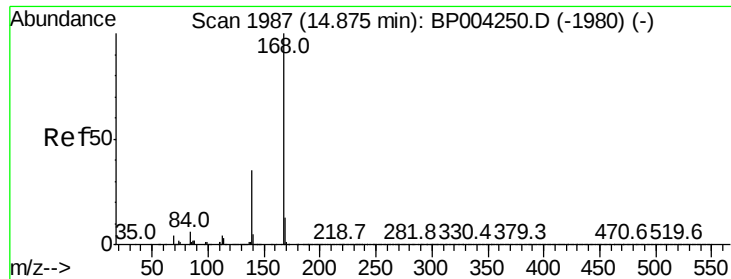
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#50
Acenaphthene
Concen: 5.450 ng/ul
RT: 14.55 min Scan# 1931
Delta R.T. 0.01 min
Lab File: BP004258.D
Acq: 12 Dec 2020 14:35

Tgt Ion	Ratio	Resp Lower	Upper
153	100		
152	48.2	37.8	56.6
154	88.6	69.8	104.8





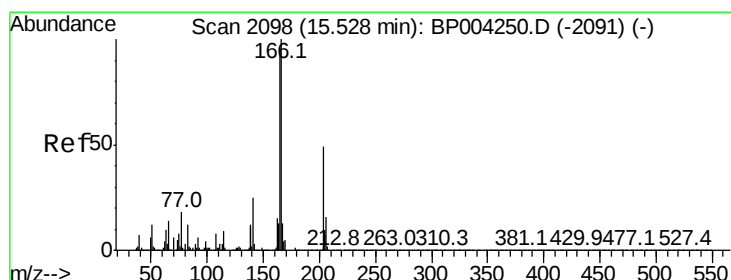
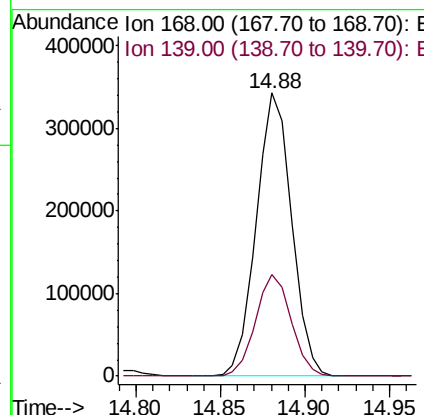
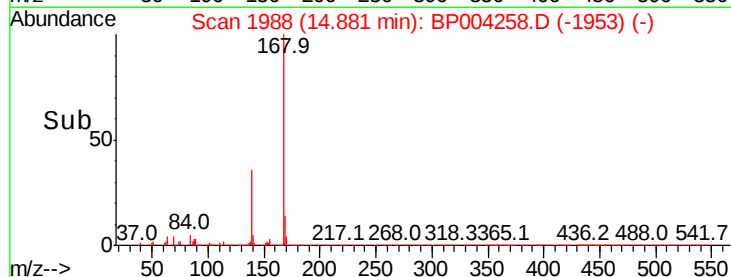
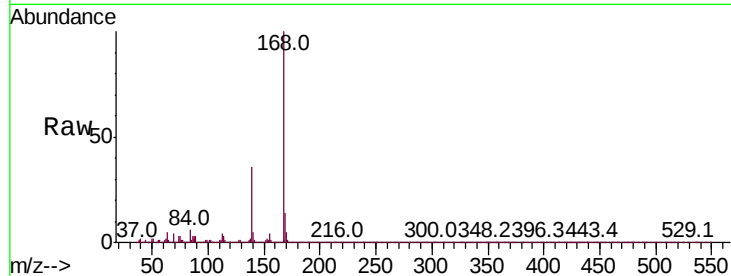
#54
Dibenzofuran
Concen: 6.042 ng/ul
RT: 14.88 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BP004258.D
Acq: 12 Dec 2020 14:35

Instrument :
BNA_P
ClientSampleId :
A54A1

Tot Ion:168 Resp: 497236
Ion Ratio Lower Upper
168 100
139 35.7 29.0 43.6

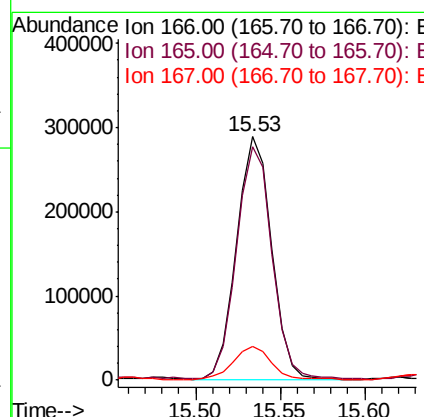
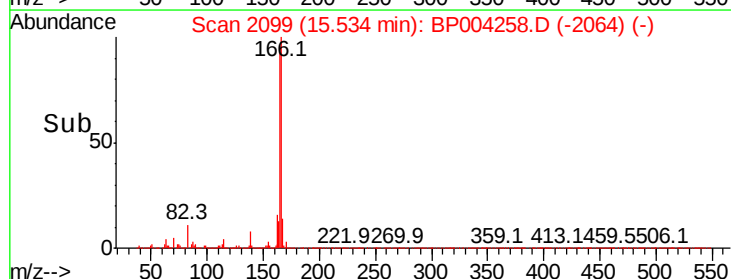
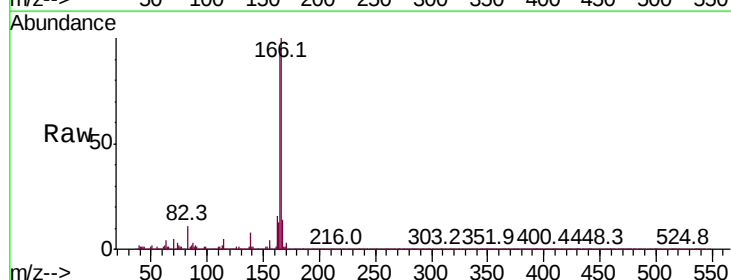
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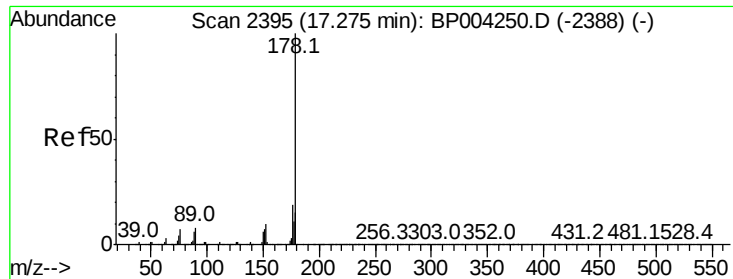
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#59
Fluorene
Concen: 6.326 ng/ul
RT: 15.53 min Scan# 2099
Delta R.T. 0.01 min
Lab File: BP004258.D
Acq: 12 Dec 2020 14:35

Tgt Ion:166 Resp: 416392
Ion Ratio Lower Upper
166 100
165 96.1 78.2 117.2
167 14.0 10.8 16.2





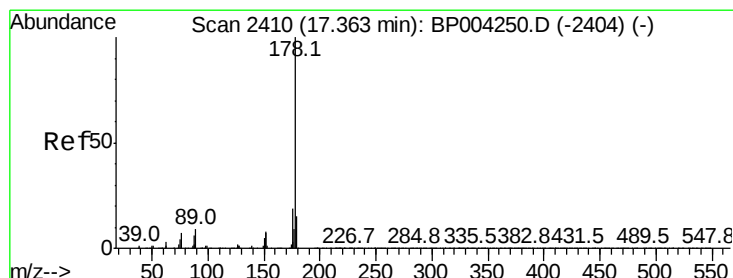
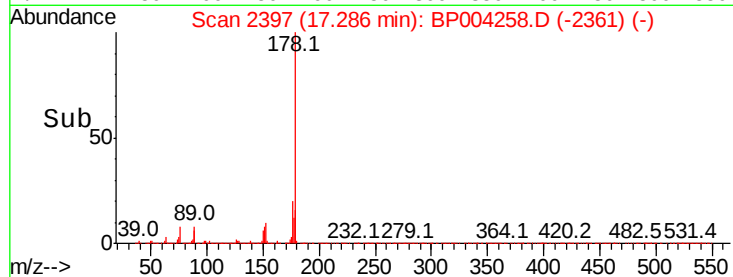
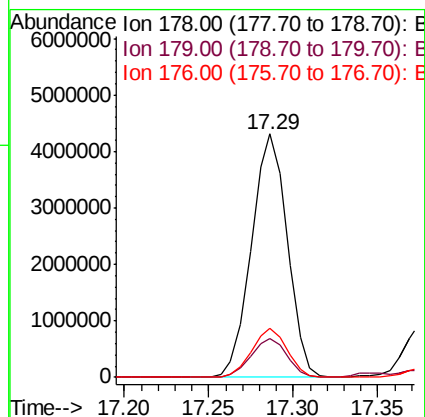
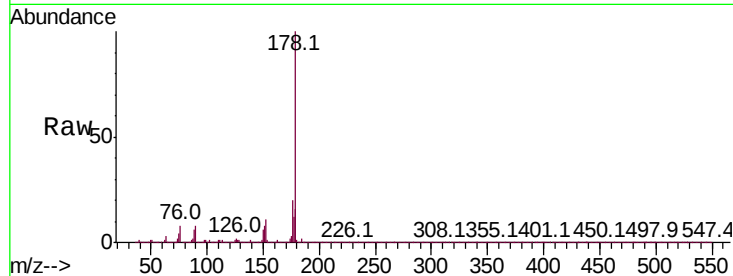
#70
Phenanthrene
Concen: 58.195 ng/ul
RT: 17.29 min Scan# 2397
Delta R.T. 0.01 min
Lab File: BP004258.D
Acq: 12 Dec 2020 14:35

Instrument :
BNA_P
ClientSampleId :
A54A1

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.4	18.6
176	20.0	15.4	23.0

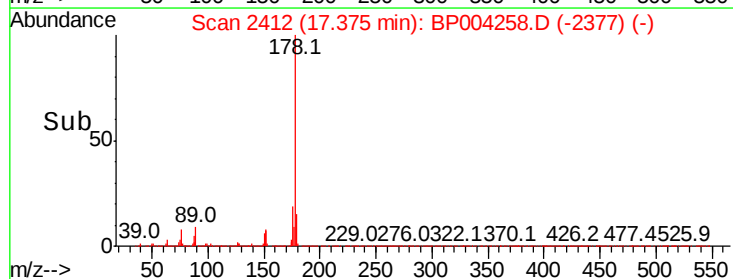
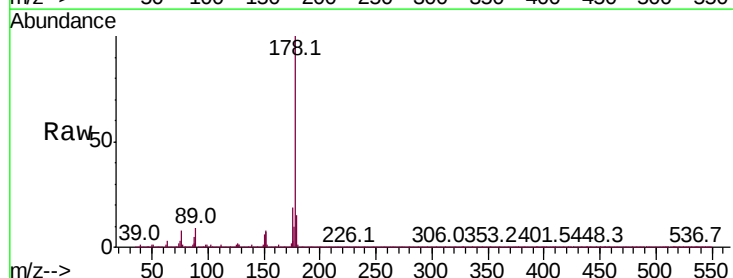
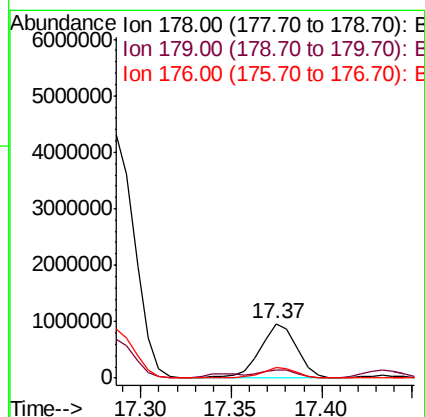
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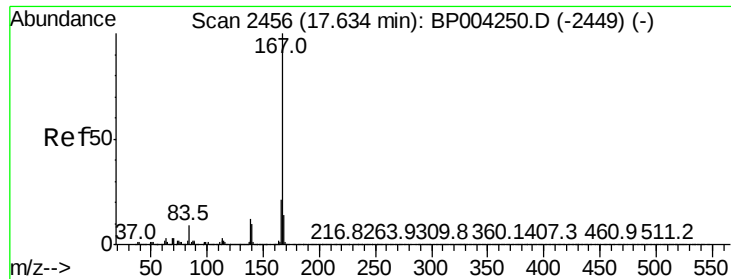
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#72
Anthracene
Concen: 12.557 ng/ul
RT: 17.37 min Scan# 2412
Delta R.T. 0.01 min
Lab File: BP004258.D
Acq: 12 Dec 2020 14:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.7	14.9	22.3





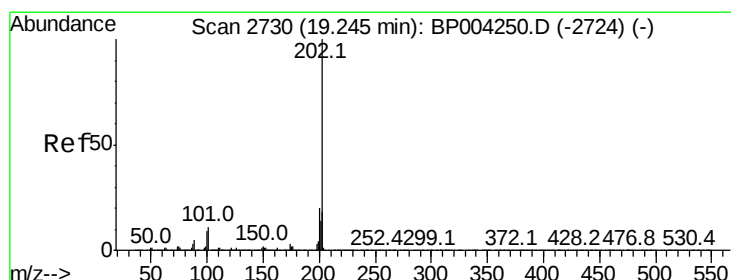
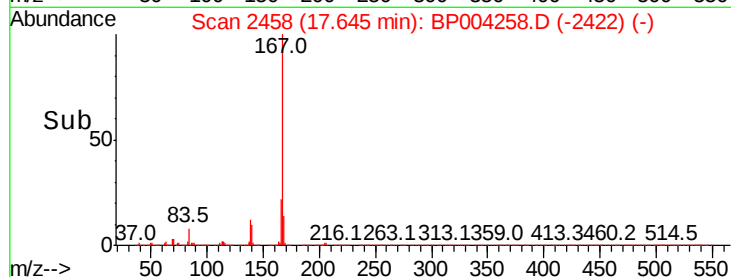
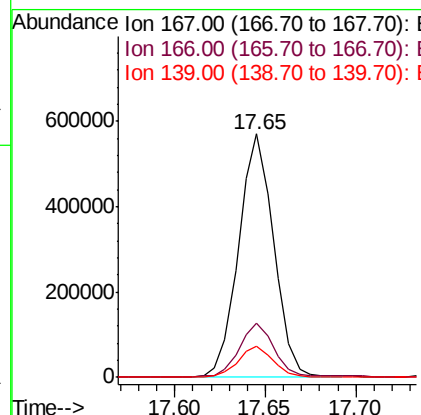
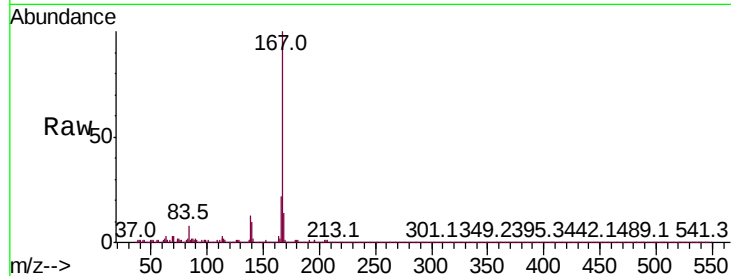
#75
 Carbazole
 Concen: 8.629 ng/ul
 RT: 17.65 min Scan# 2458
 Delta R.T. 0.01 min
 Lab File: BP004258.D
 Acq: 12 Dec 2020 14:35

Instrument :
 BNA_P
 ClientSampleId :
 A54A1

Tot Ion:	167	Resp:	760871
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.1	25.7
139	12.8	9.8	14.6

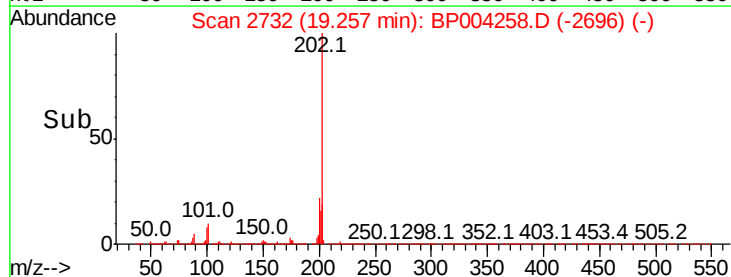
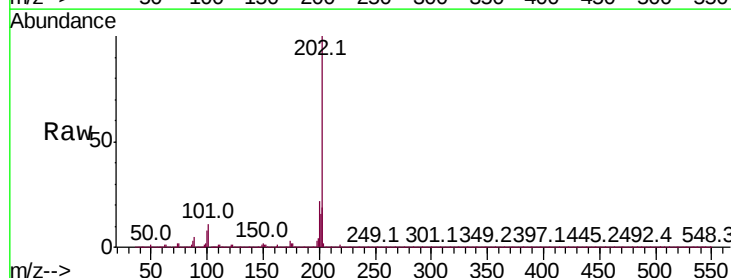
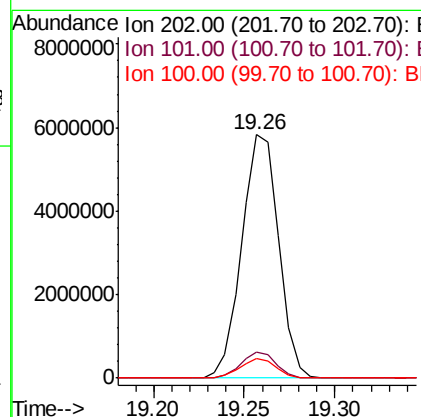
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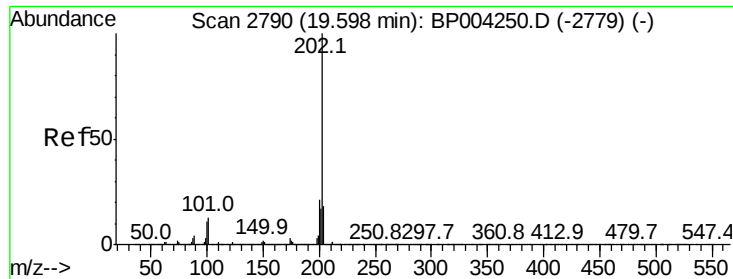
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#77
 Fluoranthene
 Concen: 70.354 ng/ul
 RT: 19.26 min Scan# 2732
 Delta R.T. 0.01 min
 Lab File: BP004258.D
 Acq: 12 Dec 2020 14:35

Tgt Ion:	202	Resp:	8227110
Ion Ratio	Lower	Upper	
202	100		
101	10.5	9.1	13.7
100	7.8	7.1	10.7





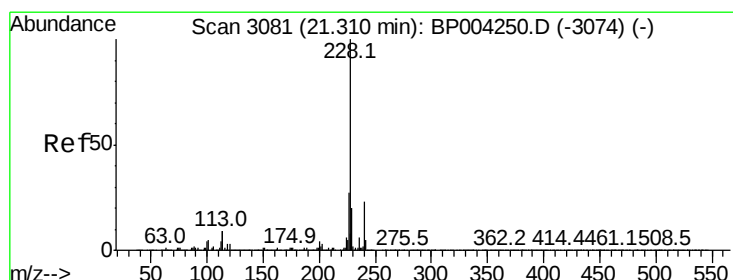
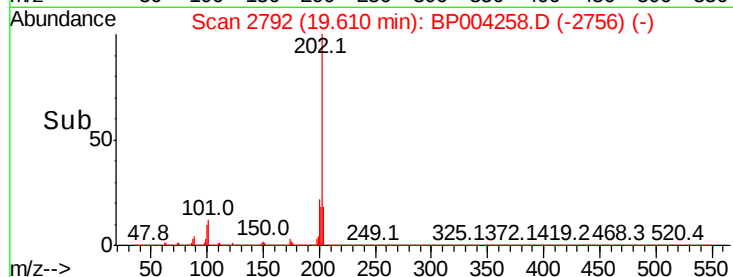
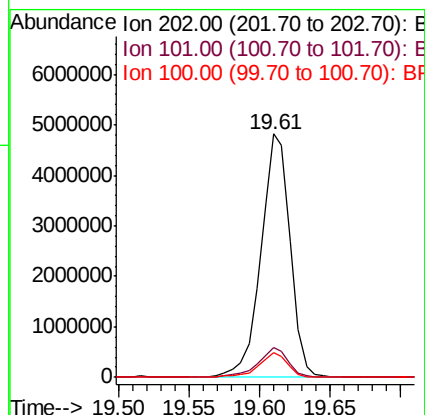
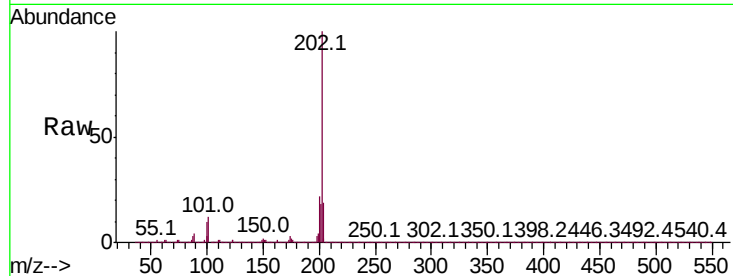
#80
Pvrene
Concen: 56.146 ng/ul
RT: 19.61 min Scan# 2792
Delta R.T. 0.01 min
Lab File: BP004258.D
Acq: 12 Dec 2020 14:35

Instrument :
BNA_P
ClientSampleId :
A54A1

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.6	15.8
100	9.9	8.6	12.8

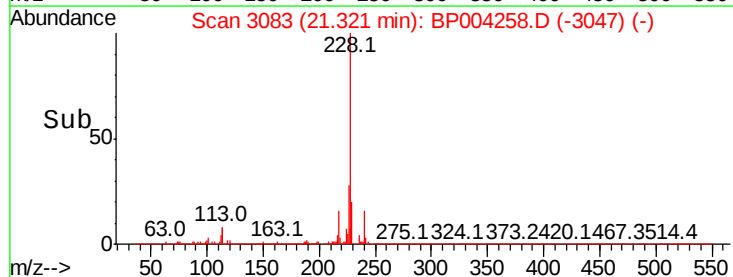
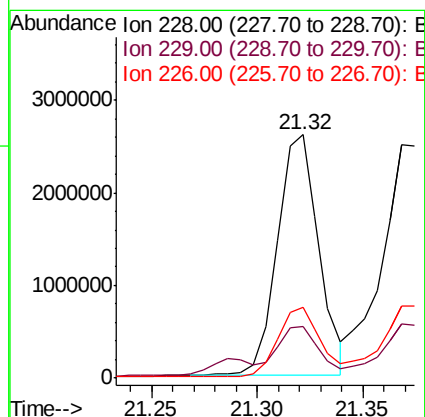
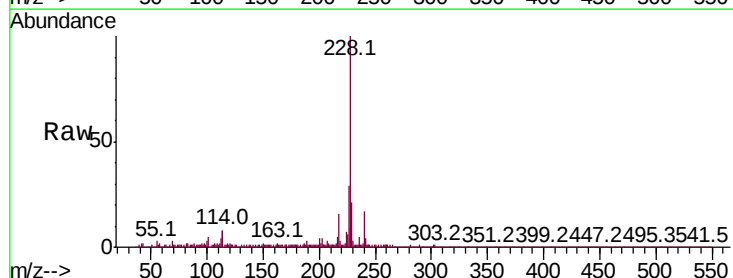
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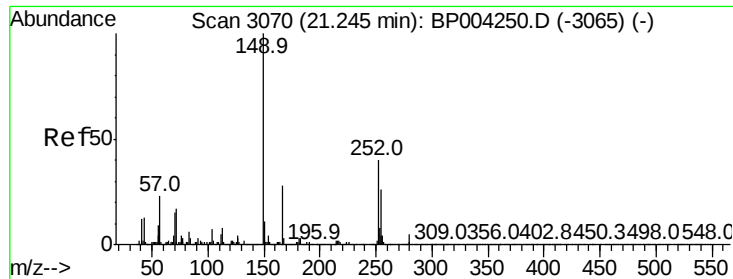
mohammad
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#83
Benzo(a)anthracene
Concen: 29.347 ng/ul
RT: 21.32 min Scan# 3083
Delta R.T. 0.01 min
Lab File: BP004258.D
Acq: 12 Dec 2020 14:35

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.8
226	28.8	21.7	32.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.010 ng/ul

RT: 21.25 min Scan# 3070

Delta R.T. -0.00 min

Lab File: BP004258.D

Acq: 12 Dec 2020 14:35

Instrument :

BNA_P

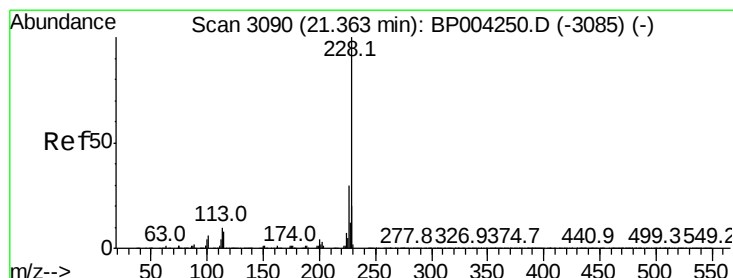
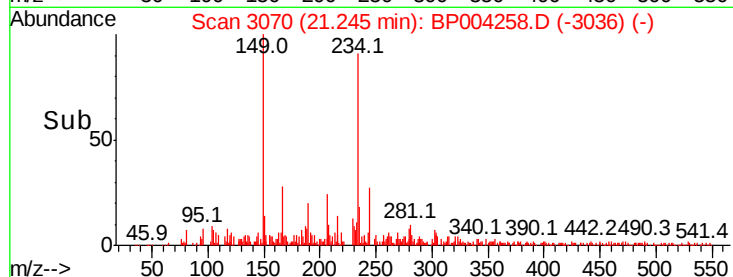
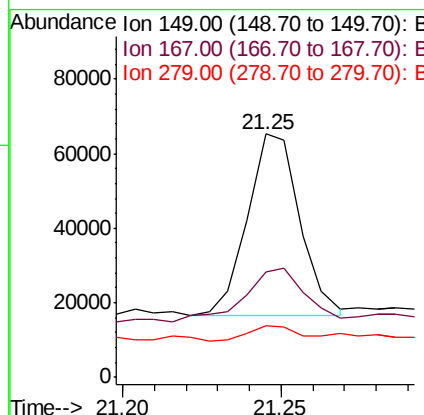
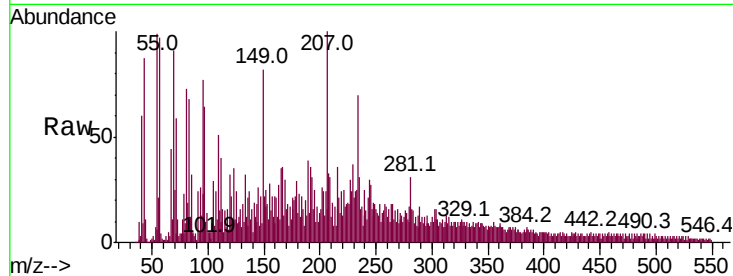
ClientSampleId :

A54A1

Tot Ion:	149	Resp:	56014
Ion Ratio	Lower	Upper	
149	100		
167	43.5	22.2	33.4#
279	21.0	3.6	5.4#

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#85

Chrysene

Concen: 32.270 ng/ul

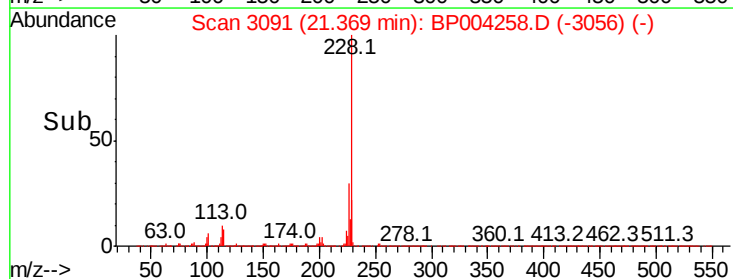
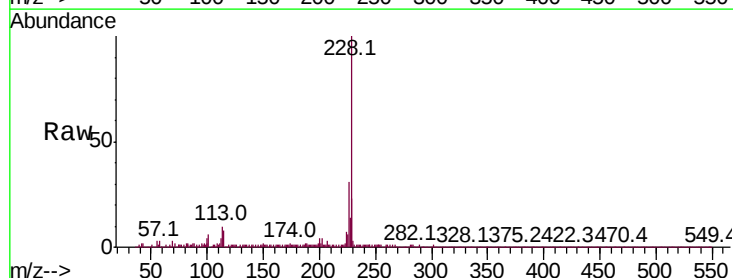
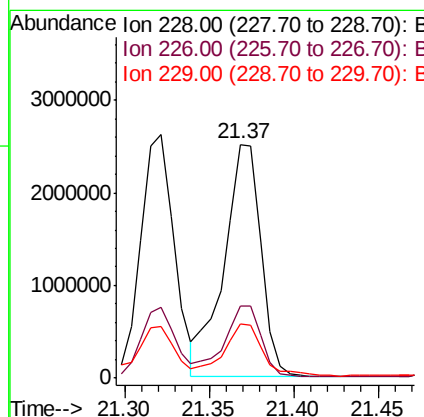
RT: 21.37 min Scan# 3091

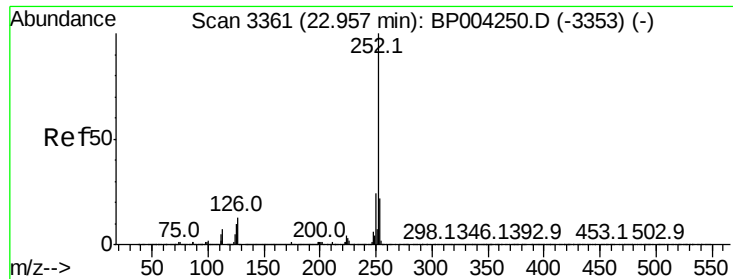
Delta R.T. 0.01 min

Lab File: BP004258.D

Acq: 12 Dec 2020 14:35

Tgt Ion:	228	Resp:	3838533
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.2	36.2
229	23.2	15.8	23.8





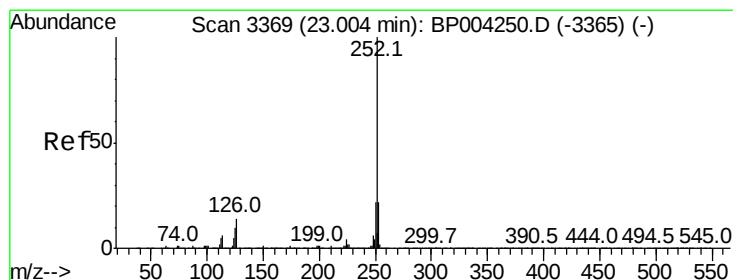
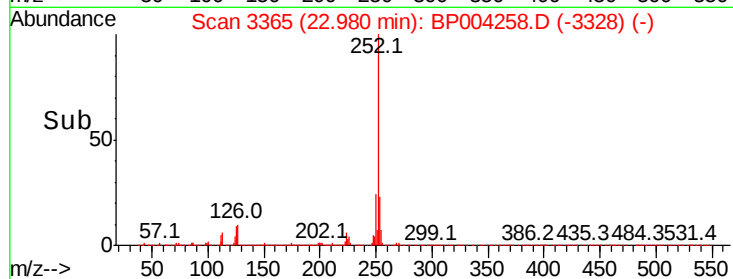
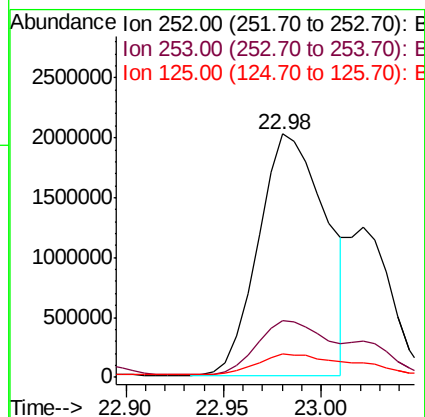
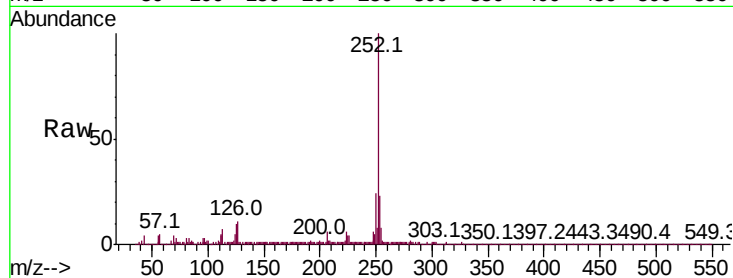
#88
Benzo(b)fluoranthene
Concen: 35.748 ng/uL
RT: 22.98 min Scan# 3365
Delta R.T. 0.02 min
Lab File: BP004258.D
Acq: 12 Dec 2020 14:35

Instrument :
BNA_P
ClientSampleId :
A54A1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	9.7	7.7	11.5

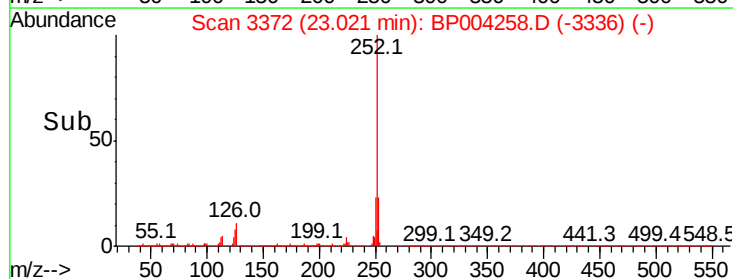
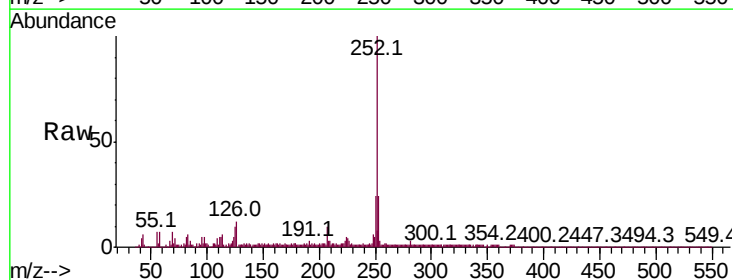
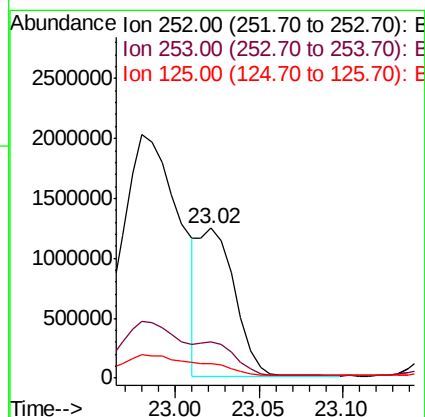
Manual Integrations
APPROVED

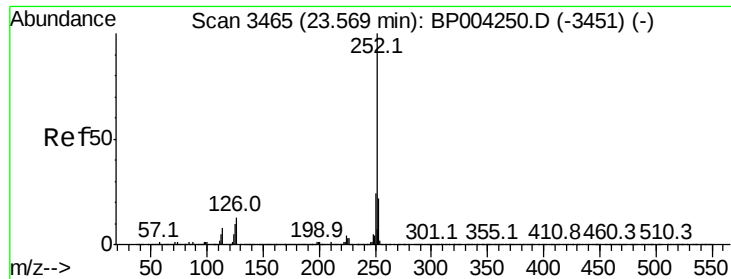
mohammad
12/14/2020 2:46:03 PM



#89
Benzo(k)fluoranthene
Concen: 13.229 ng/uL m
RT: 23.02 min Scan# 3372
Delta R.T. 0.01 min
Lab File: BP004258.D
Acq: 12 Dec 2020 14:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.2
125	10.1	7.3	10.9





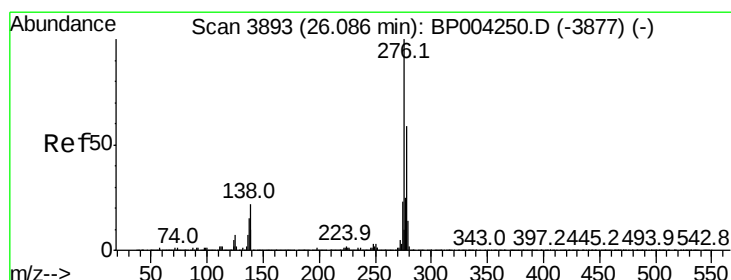
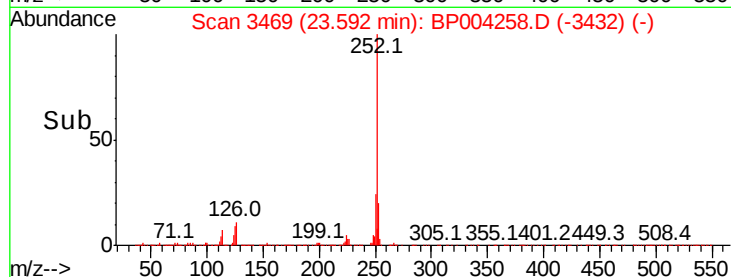
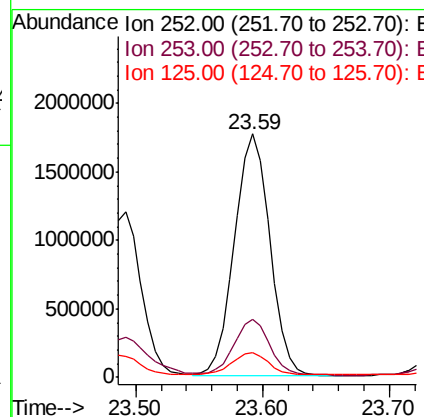
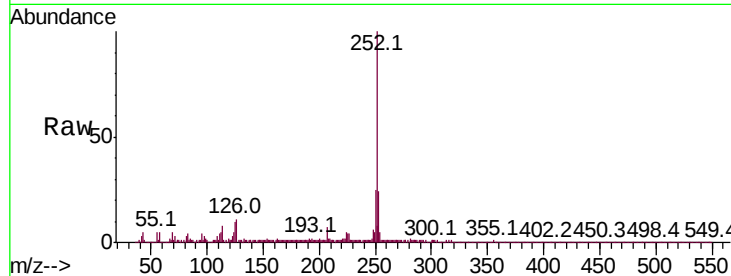
#91
Benzo(a)pyrene
Concen: 27.011 ng/ul
RT: 23.59 min Scan# 3469
Delta R.T. 0.02 min
Lab File: BP004258.D
Acq: 12 Dec 2020 14:35

Instrument :
BNA_P
ClientSampleId :
A54A1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.3	25.9
125	10.0	7.8	11.6

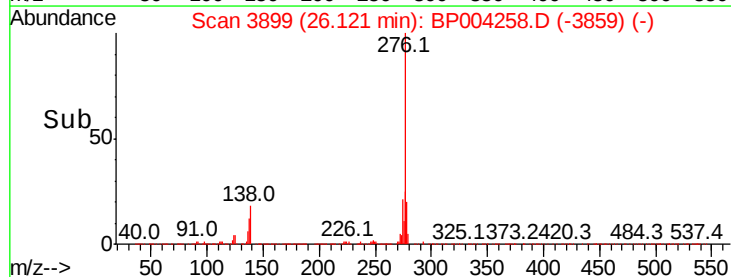
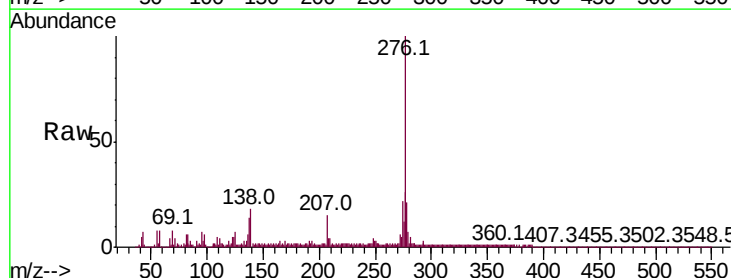
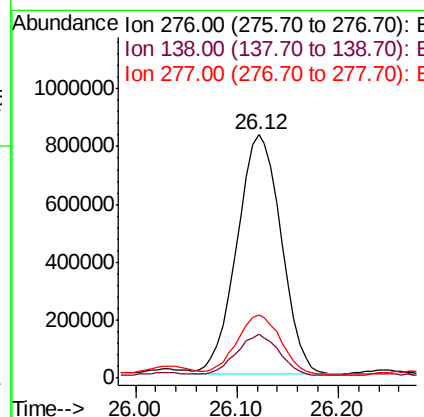
Manual Integrations
APPROVED

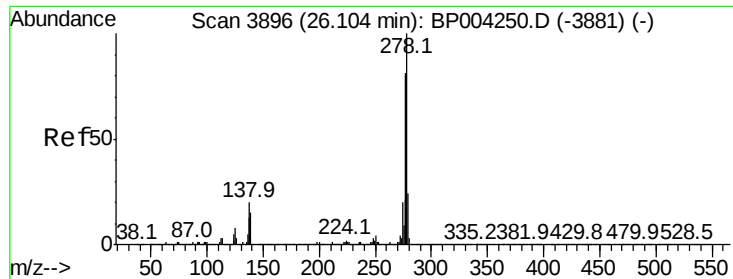
mohammad
12/14/2020 2:46:03 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 15.838 ng/ul
RT: 26.12 min Scan# 3899
Delta R.T. 0.04 min
Lab File: BP004258.D
Acq: 12 Dec 2020 14:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.9	17.8	26.6
277	26.1	19.8	29.6





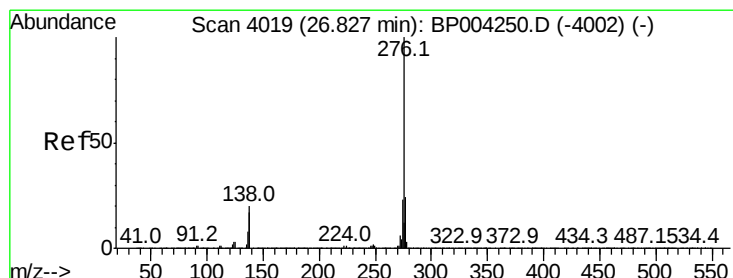
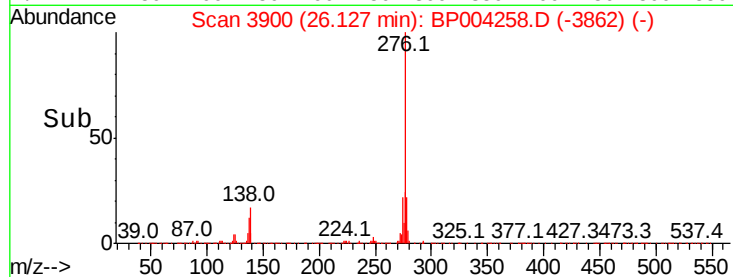
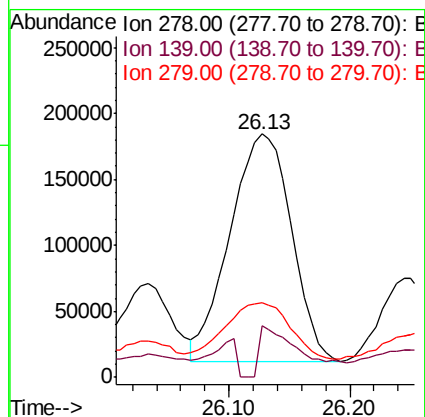
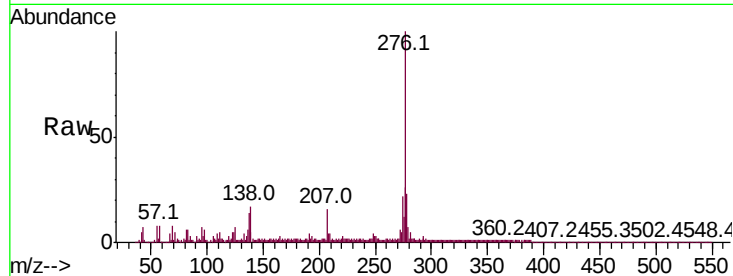
#93
Dibenzo(a,h)anthracene
Concen: 4.584 ng/ul
RT: 26.13 min Scan# 3900
Delta R.T. 0.02 min
Lab File: BP004258.D
Acq: 12 Dec 2020 14:35

Instrument :
BNA_P
ClientSampleId :
A54A1

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.4	11.9	17.9#
279	30.4	18.6	28.0#

Manual Integrations
APPROVED

mohammad
12/14/2020 2:46:03 PM



#94
Benzo(g,h,i)perylene
Concen: 14.235 ng/ul
RT: 26.87 min Scan# 4026
Delta R.T. 0.04 min
Lab File: BP004258.D
Acq: 12 Dec 2020 14:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.3	16.6	25.0
277	25.9	18.5	27.7

