

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121220\
 Data File : BP004238.D
 Acq On : 11 Dec 2020 20:54
 Operator : CG/JU
 Sample : L5000-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54B5

Manual Integrations
 APPROVED

mohammad
 12/15/2020 12:18:34 PM

Quant Time: Dec 12 01:01:29 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	430029	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1752976	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	1046329	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	2213690	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	2269425	20.00	ng/ul	0.00
86) Perylene-d12	23.67	264	2438860	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	27758	2.27	ng/uL	0.00
5) Phenol-d5	6.99	99	511859	14.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	328071	14.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	420303	15.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	310062	11.53	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	214659	14.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	202113	17.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	396025	15.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	456121	14.13	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	1262541	15.79	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	1641192	16.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	139748	10.35	ng/ul	0.00
58) Fluorene-d10	15.47	176	1106130	15.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	108235	10.19	ng/ul	0.00
71) Anthracene-d10	17.33	188	1697054	15.73	ng/ul	0.00
79) Pyrene-d10	19.57	212	2058477	17.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.52	264	2216604	17.25	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.01	94	111775	3.009	ng/ul 98
14) Acetophenone	8.65	105	59396	1.398	ng/ul 99
34) 2-Methylnaphthalene	12.29	142	85552	1.280	ng/ul 98
45) Dimethylphthalate	13.93	163	331816	4.074	ng/ul 100
70) Phenanthrene	17.27	178	811826	6.216	ng/ul 100
72) Anthracene	17.36	178	158819	1.229	ng/ul 99
77) Fluoranthene	19.25	202	1529508	10.968	ng/ul 99
80) Pyrene	19.60	202	1489724	9.731	ng/ul 99
83) Benzo(a)anthracene	21.30	228	799487	5.344	ng/ul 98
85) Chrysene	21.36	228	847558	5.775	ng/ul 98
88) Benzo(b)fluoranthene	22.96	252	1073355	6.940	ng/ul 98
89) Benzo(k)fluoranthene	23.00	252	344923m	2.172	ng/ul
91) Benzo(a)pyrene	23.57	252	731380	5.068	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	26.08	276	510705	2.822	ng/ul 97
94) Benzo(g,h,i)perylene	26.82	276	440660	2.902	ng/ul 98

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

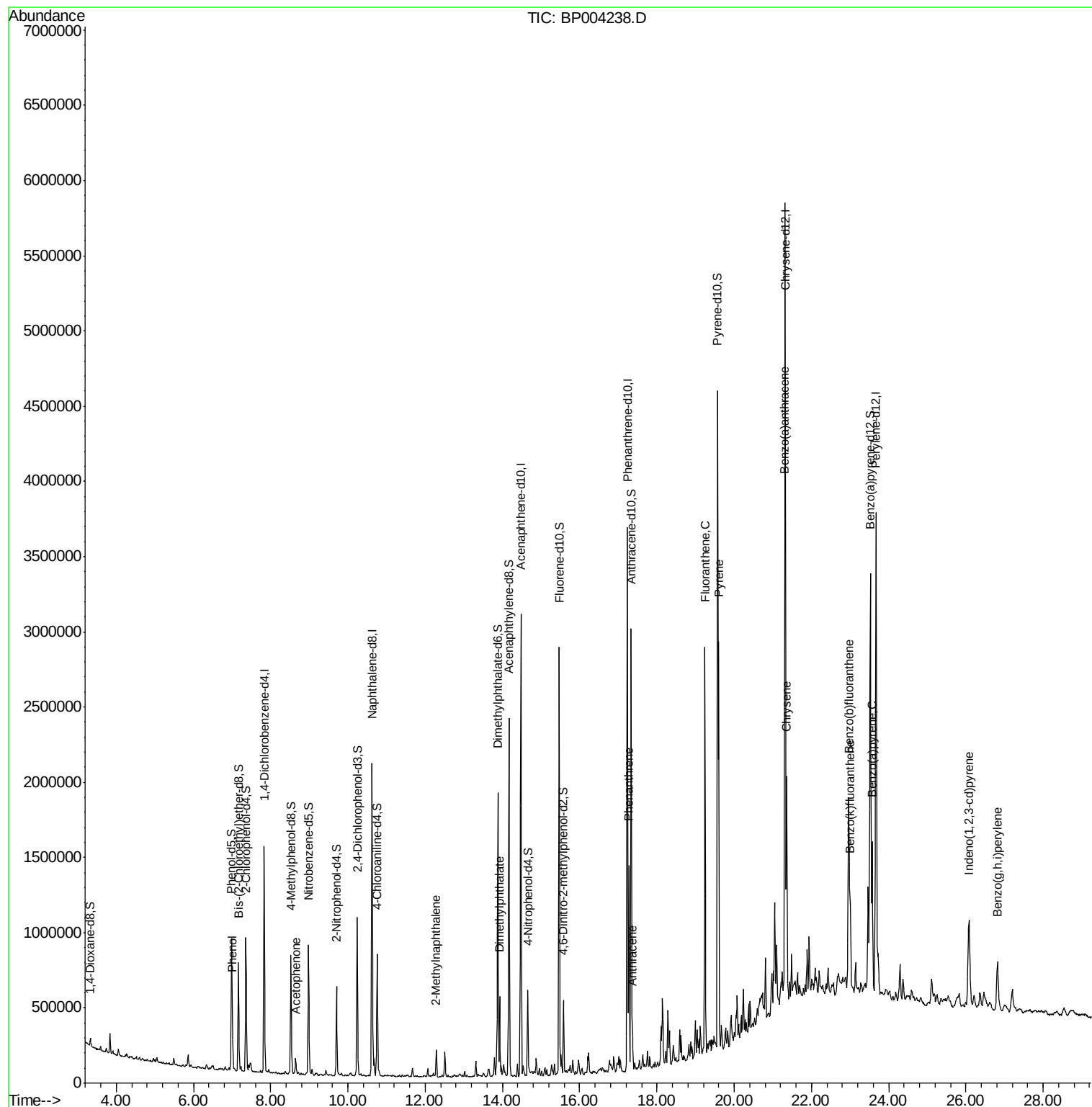
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121220\
Data File : BP004238.D
Acq On : 11 Dec 2020 20:54
Operator : CG/JU
Sample : L5000-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

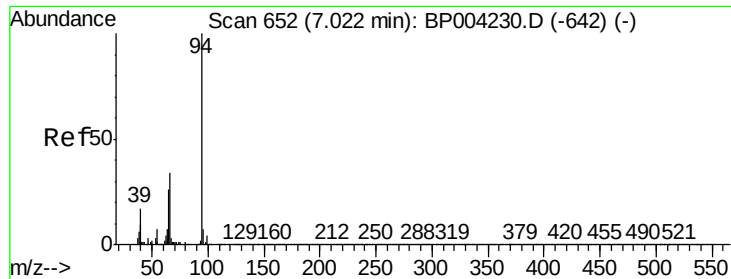
Instrument :
BNA_P
ClientSampleId :
A54B5

Manual Integrations
APPROVED

mohammad
12/15/2020 12:18:34 PM

Quant Time: Dec 12 01:01:29 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





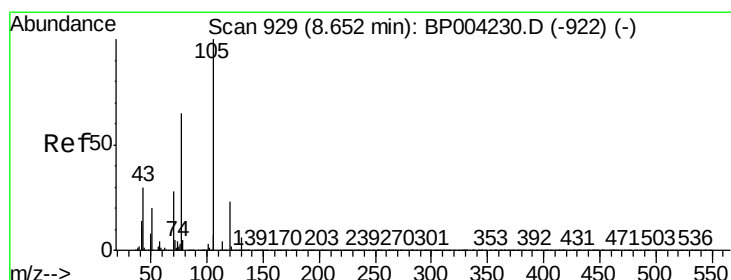
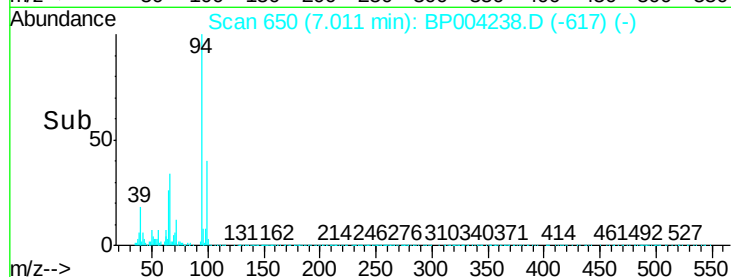
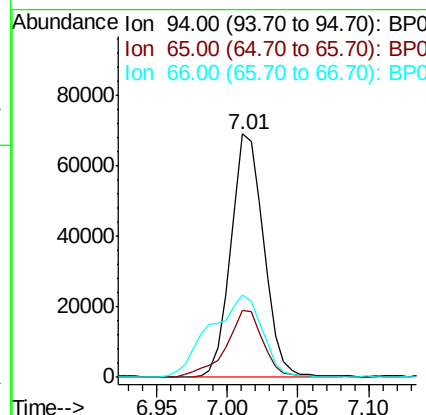
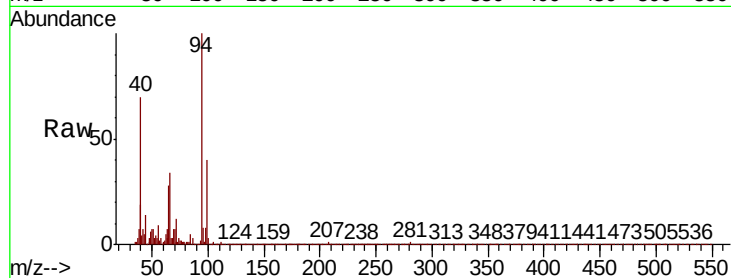
#6
Phenol
Concen: 3.009 ng/ul
RT: 7.01 min Scan# 650
Delta R.T. -0.01 min
Lab File: BP004238.D
Acq: 11 Dec 2020 20:54

Instrument :
BNA_P
ClientSampleId :
A54B5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	27.5	20.8	31.2		
66	34.0	26.5	39.7		

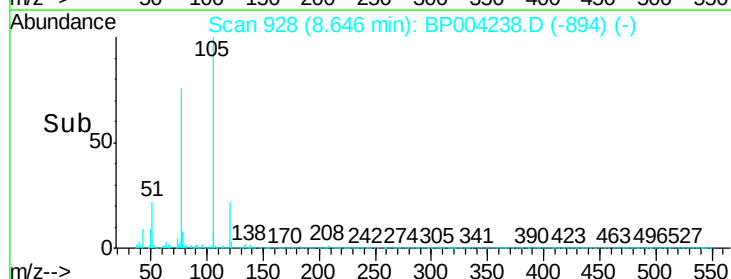
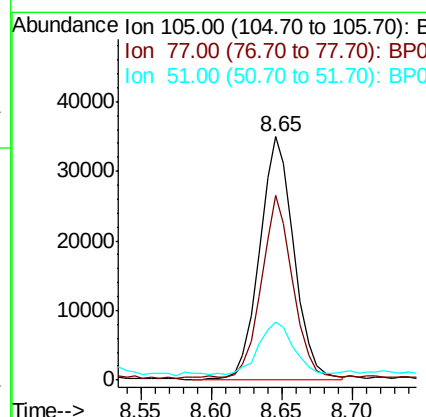
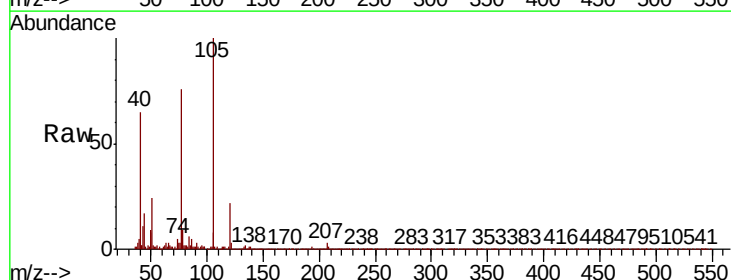
Manual Integrations
APPROVED

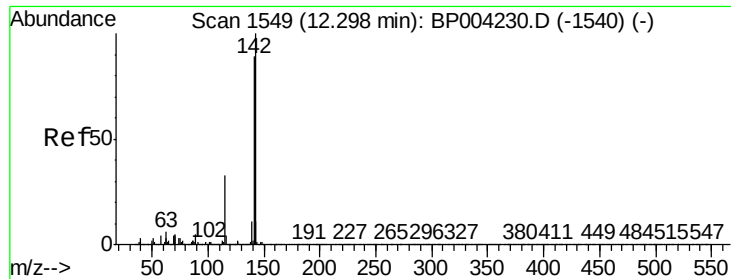
mohammad
12/15/2020 12:18:34 PM



#14
Acetophenone
Concen: 1.398 ng/ul
RT: 8.65 min Scan# 928
Delta R.T. 0.00 min
Lab File: BP004238.D
Acq: 11 Dec 2020 20:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
77	75.9	61.1	91.7		
51	24.0	18.5	27.7		





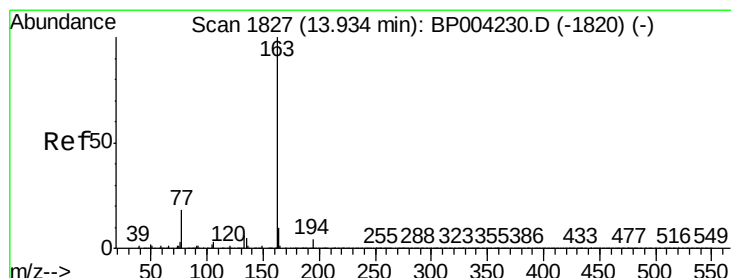
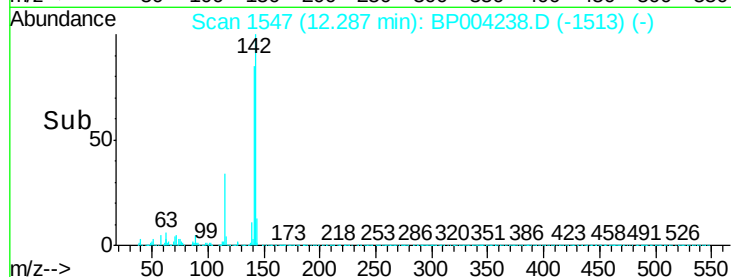
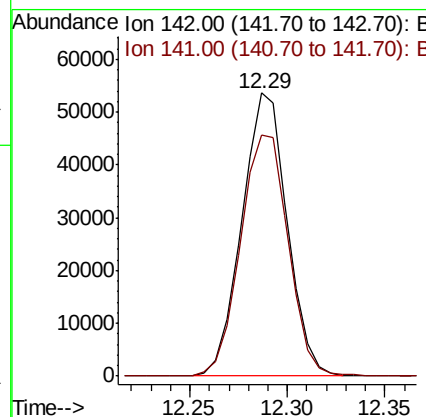
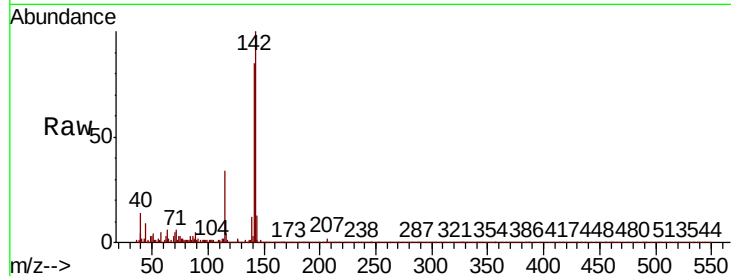
#34
2-Methylnaphthalene
Concen: 1.280 ng/ul
RT: 12.29 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BP004238.D
Acq: 11 Dec 2020 20:54

Instrument :
BNA_P
ClientSampleId :
A54B5

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.4	69.7	104.5

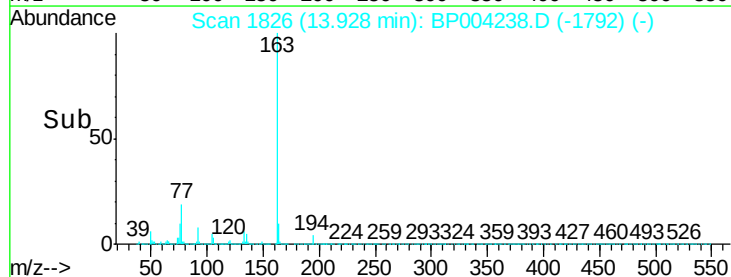
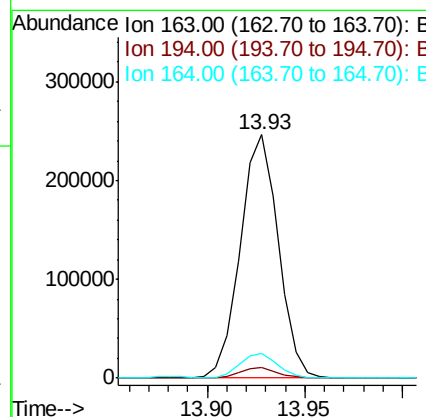
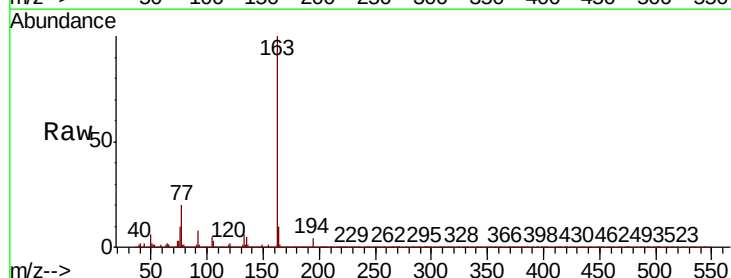
Manual Integrations
APPROVED

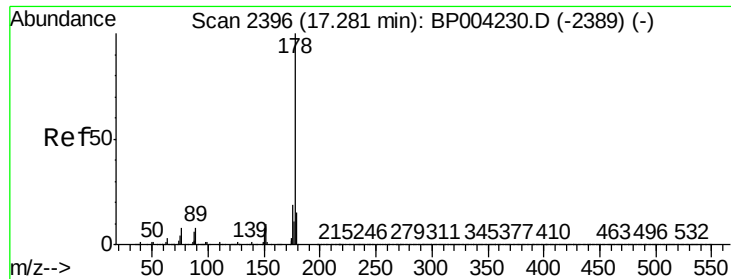
mohammad
12/15/2020 12:18:34 PM



#45
Dimethylphthalate
Concen: 4.074 ng/ul
RT: 13.93 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BP004238.D
Acq: 11 Dec 2020 20:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.3	8.4	12.6





#70

Phenanthrene

Concen: 6.216 ng/ul

RT: 17.27 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BP004238.D

Acq: 11 Dec 2020 20:54

Instrument :

BNA_P

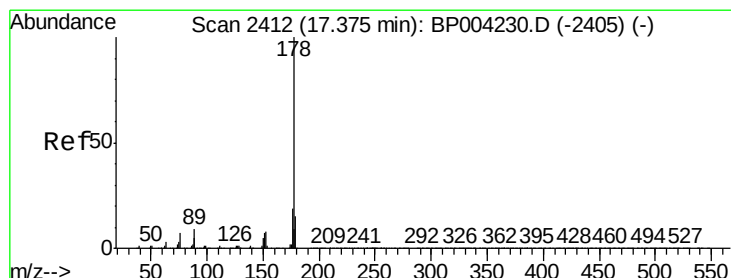
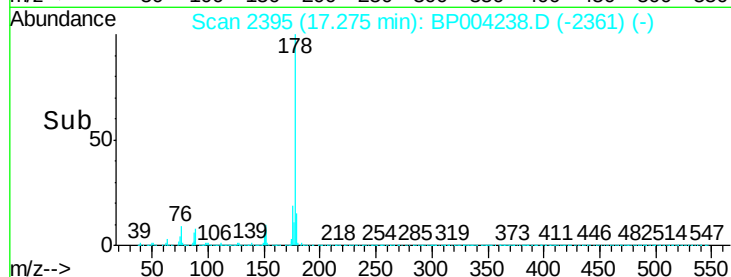
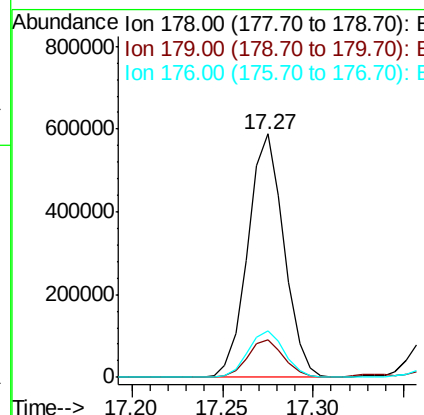
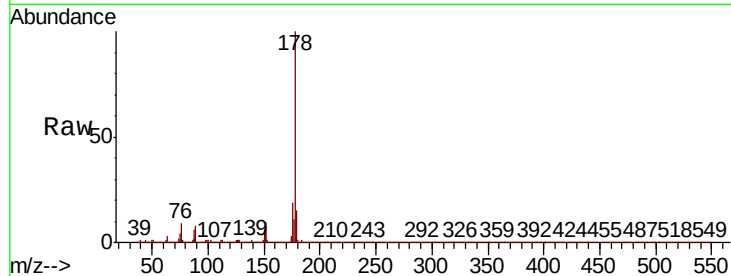
ClientSampleId :

A54B5

Tot Ion:	178	Resp:	811826
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.4	18.6
176	18.9	15.4	23.0

Manual Integrations
APPROVED

mohammad
12/15/2020 12:18:34 PM



#72

Anthracene

Concen: 1.229 ng/ul

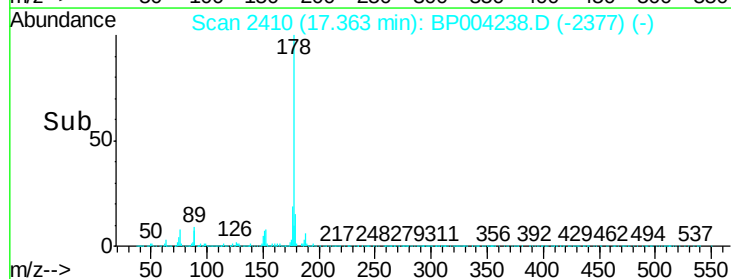
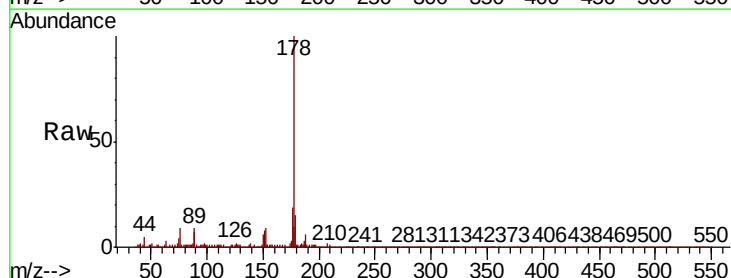
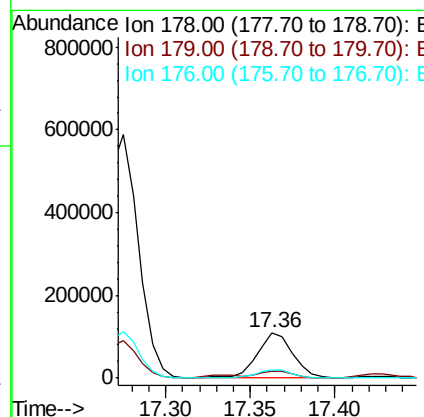
RT: 17.36 min Scan# 2410

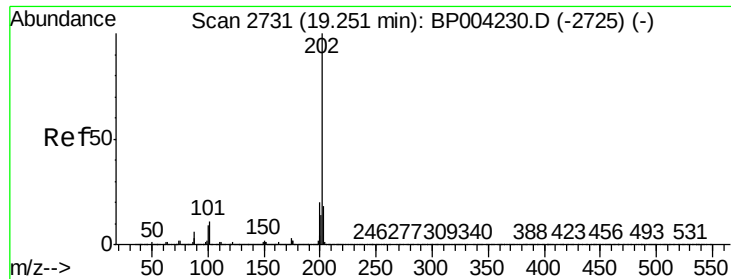
Delta R.T. -0.01 min

Lab File: BP004238.D

Acq: 11 Dec 2020 20:54

Tgt Ion:	178	Resp:	158819
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.3	18.5
176	19.1	14.9	22.3





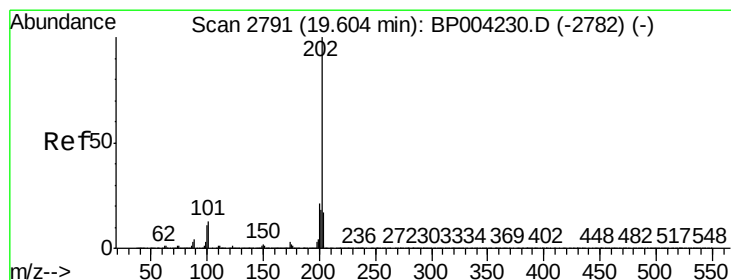
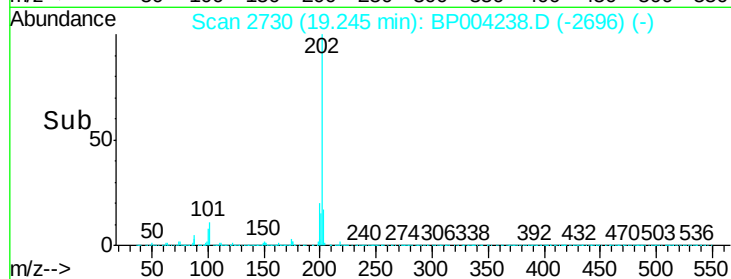
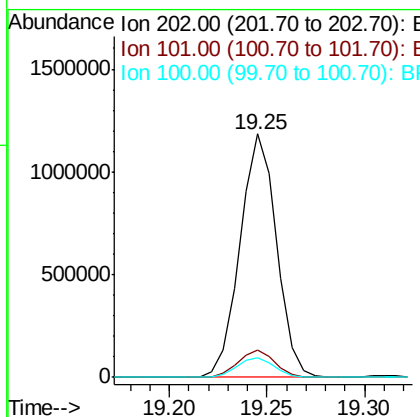
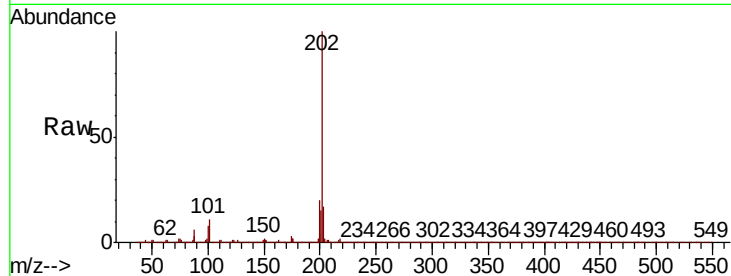
#77
Fluoranthene
Concen: 10.968 ng/ul
RT: 19.25 min Scan# 2730
Delta R.T. 0.00 min
Lab File: BP004238.D
Acq: 11 Dec 2020 20:54

Instrument :
BNA_P
ClientSampleId :
A54B5

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.1	13.7
100	8.1	7.1	10.7

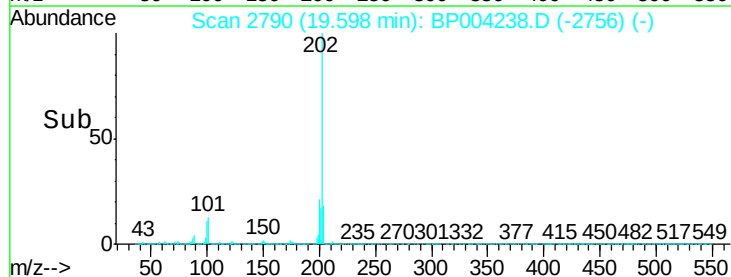
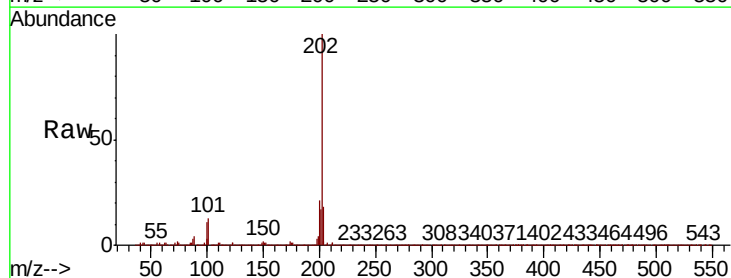
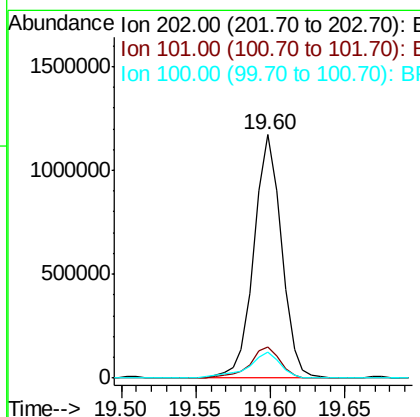
Manual Integrations
APPROVED

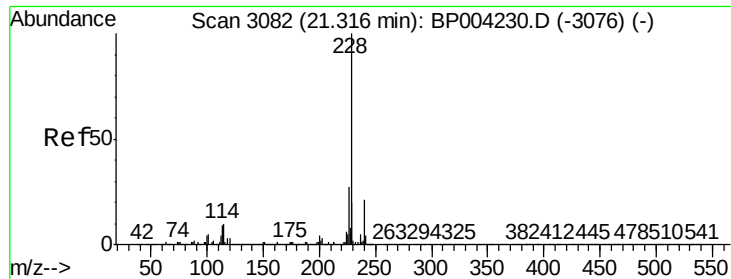
mohammad
12/15/2020 12:18:34 PM



#80
Pyrene
Concen: 9.731 ng/ul
RT: 19.60 min Scan# 2790
Delta R.T. 0.00 min
Lab File: BP004238.D
Acq: 11 Dec 2020 20:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.6	15.8
100	10.5	8.6	12.8





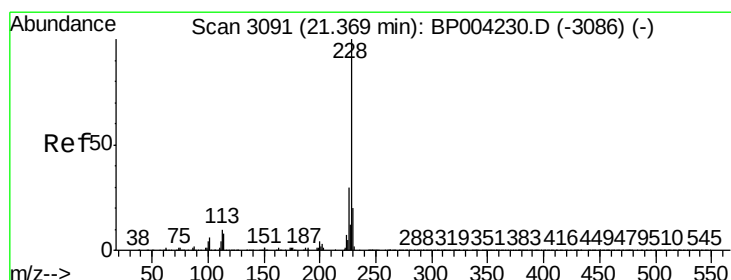
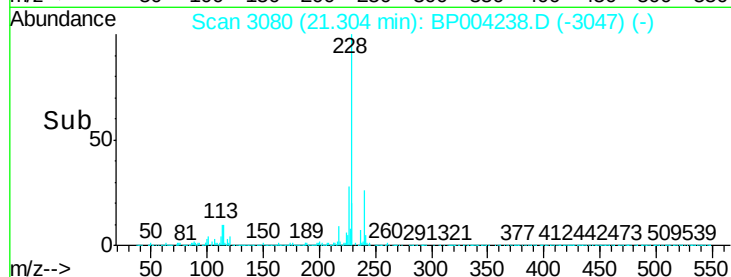
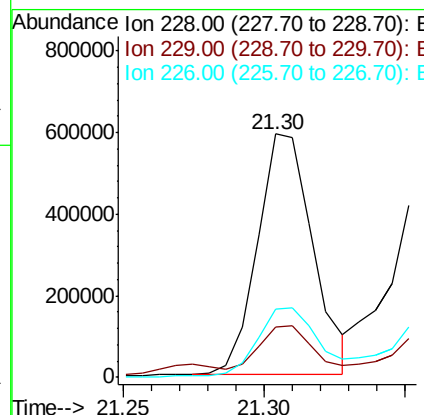
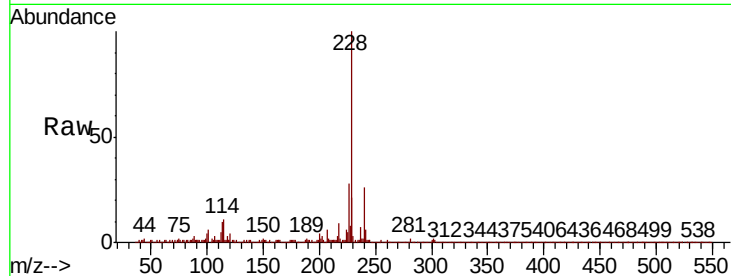
#83
Benzo(a)anthracene
Concen: 5.344 ng/ul
RT: 21.30 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BP004238.D
Acq: 11 Dec 2020 20:54

Instrument :
BNA_P
ClientSampleId :
A54B5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		799487		
229	20.9	15.8	23.8		
226	27.9	21.7	32.5		

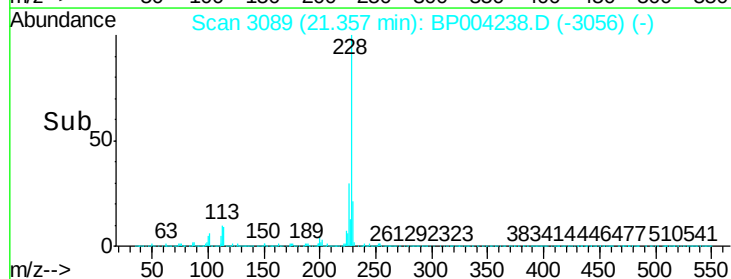
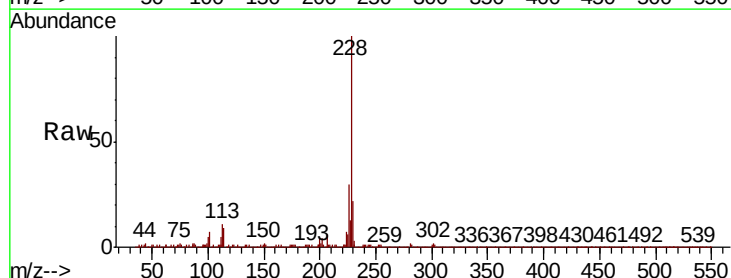
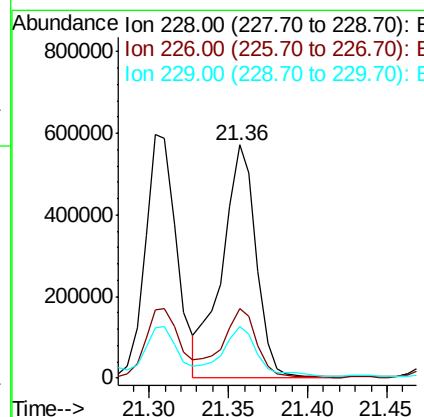
Manual Integrations
APPROVED

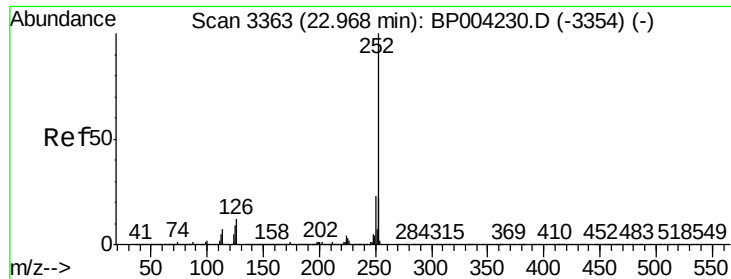
mohammad
12/15/2020 12:18:34 PM



#85
Chrysene
Concen: 5.775 ng/ul
RT: 21.36 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BP004238.D
Acq: 11 Dec 2020 20:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		847558		
226	30.0	24.2	36.2		
229	22.0	15.8	23.8		





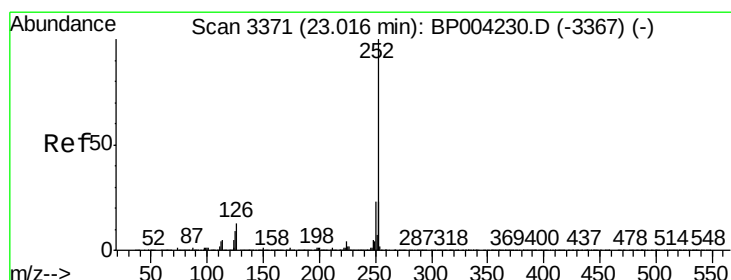
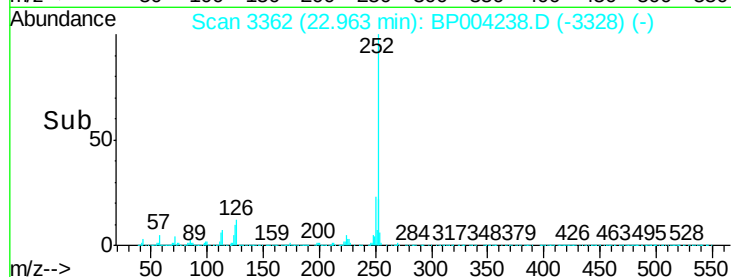
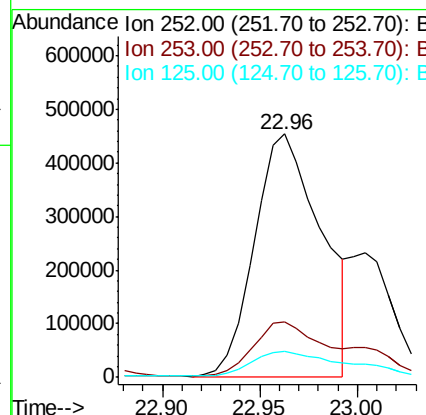
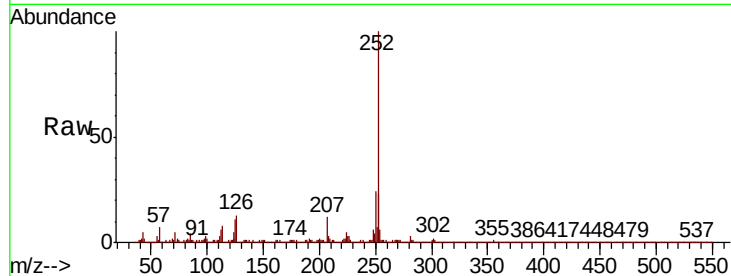
#88
Benzo(b)fluoranthene
Concen: 6.940 ng/ul
RT: 22.96 min Scan# 3362
Delta R.T. 0.00 min
Lab File: BP004238.D
Acq: 11 Dec 2020 20:54

Instrument :
BNA_P
ClientSampleId :
A54B5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	10.5	7.7	11.5

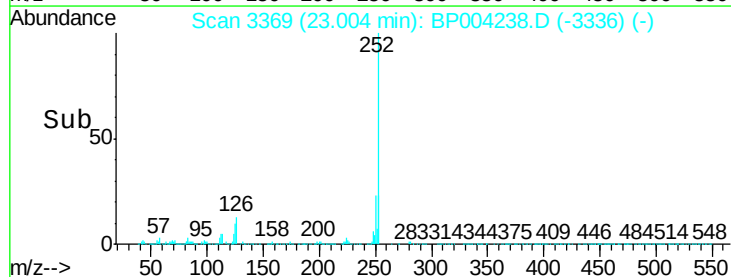
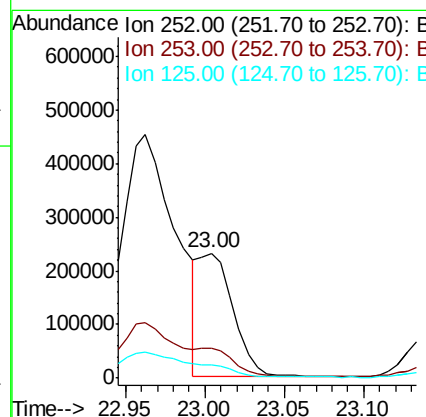
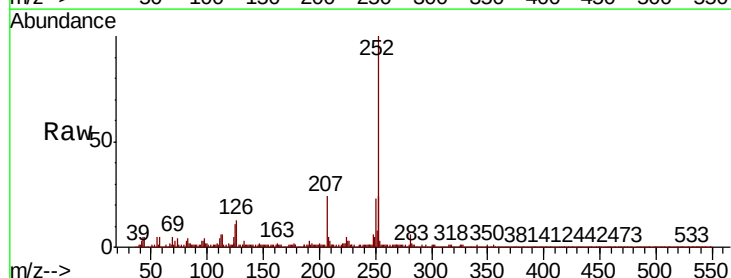
Manual Integrations
APPROVED

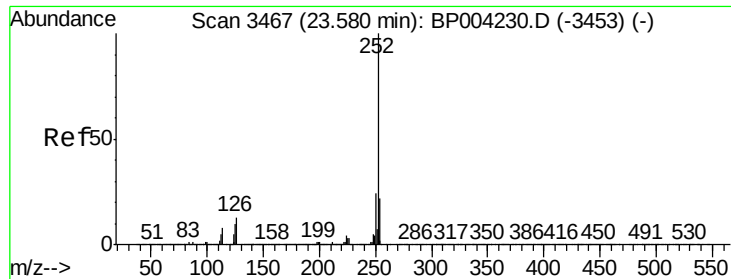
mohammad
12/15/2020 12:18:34 PM



#89
Benzo(k)fluoranthene
Concen: 2.172 ng/ul m
RT: 23.00 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BP004238.D
Acq: 11 Dec 2020 20:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.2
125	10.7	7.3	10.9





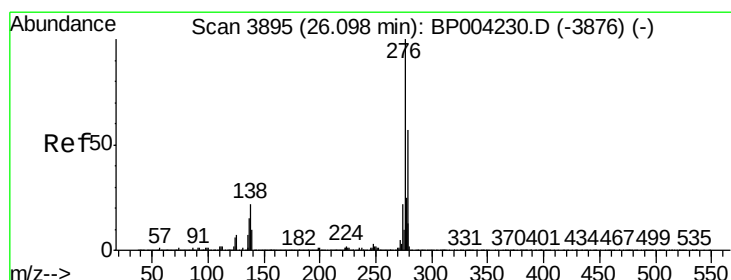
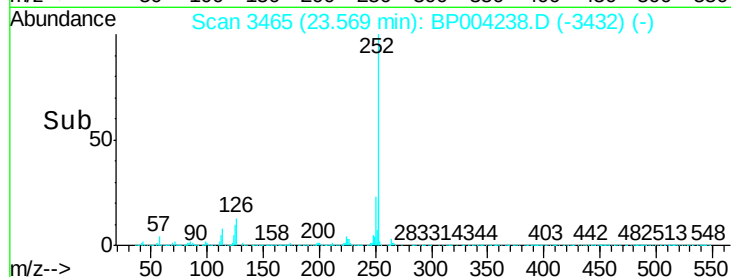
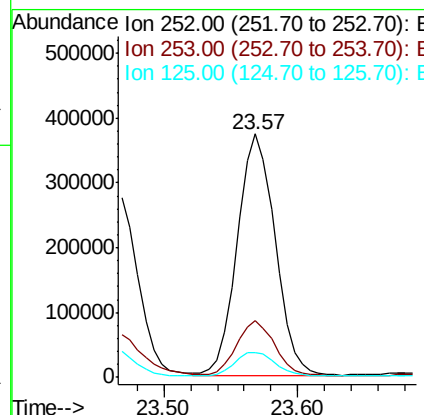
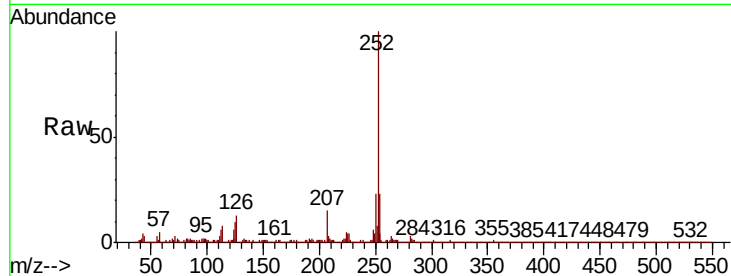
#91
Benzo(a)pyrene
Concen: 5.068 ng/ul
RT: 23.57 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BP004238.D
Acq: 11 Dec 2020 20:54

Instrument :
BNA_P
ClientSampleId :
A54B5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	10.4	7.8	11.6

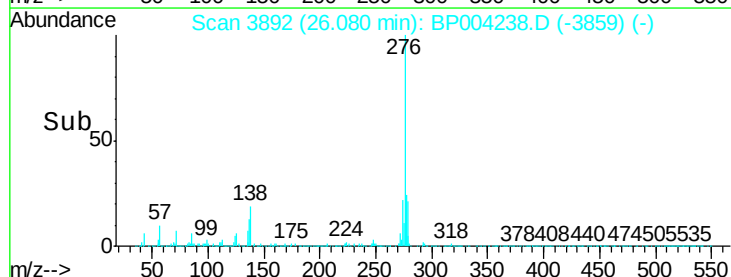
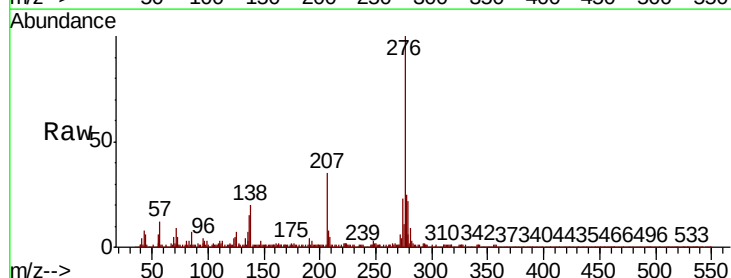
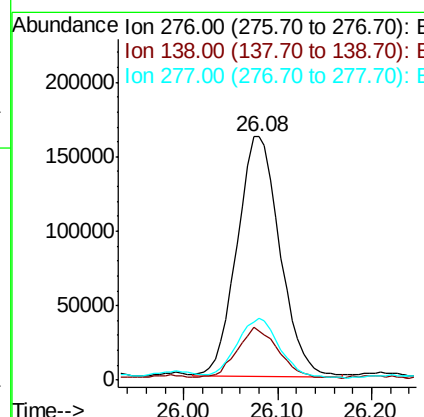
Manual Integrations
APPROVED

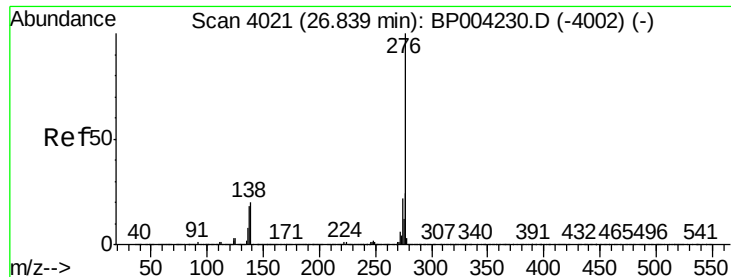
mohammad
12/15/2020 12:18:34 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 2.822 ng/ul
RT: 26.08 min Scan# 3892
Delta R.T. -0.01 min
Lab File: BP004238.D
Acq: 11 Dec 2020 20:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.0	17.8	26.6
277	25.3	19.8	29.6





#94

Benzo(a,h,i)perylene

Concen: 2.902 ng/ul

RT: 26.82 min Scan# 4017

Delta R.T. -0.01 min

Lab File: BP004238.D

Acq: 11 Dec 2020 20:54

Instrument :

BNA_P

ClientSampleId :

A54B5

Tot Ion:	276	Resp:	440660
Ion Ratio		Lower	Upper
276	100		
138	20.4	16.6	25.0
277	24.9	18.5	27.7

Manual Integrations
APPROVED

mohammad
12/15/2020 12:18:34 PM

