

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121220\
 Data File : BP004236.D
 Acq On : 11 Dec 2020 19:45
 Operator : CG/JU
 Sample : L5000-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54A7

Manual Integrations
 APPROVED

mohammad
 12/15/2020 12:18:29 PM

Quant Time: Dec 12 00:44:18 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	458589	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1854430	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	1105874	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	2346158	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	2392902	20.00	ng/ul	0.00
86) Perylene-d12	23.67	264	2529038	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	26218	2.01	ng/uL	0.00
5) Phenol-d5	6.99	99	494680	13.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	315824	13.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	400616	13.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	377021	13.15	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	203985	13.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	184951	14.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	376738	13.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	478612	14.02	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	1174765	13.90	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	1554985	14.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	106720	7.48	ng/ul	0.00
58) Fluorene-d10	15.47	176	1043478	13.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	88013	7.82	ng/ul	0.00
71) Anthracene-d10	17.33	188	1618145	14.15	ng/ul	0.00
79) Pyrene-d10	19.57	212	1942805	15.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.52	264	2029122	15.23	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	13.93	163	277099	3.219	ng/ul 99
70) Phenanthrene	17.27	178	684231	4.943	ng/ul 99
77) Fluoranthene	19.25	202	1829050	12.376	ng/ul 99
80) Pyrene	19.60	202	1605572	9.947	ng/ul 99
83) Benzo(a)anthracene	21.31	228	785421	4.980	ng/ul 94
85) Chrysene	21.36	228	872124	5.636	ng/ul 98
88) Benzo(b)fluoranthene	22.96	252	1186949	7.401	ng/ul 99
89) Benzo(k)fluoranthene	23.00	252	375415m	2.279	ng/ul
91) Benzo(a)pyrene	23.57	252	798866	5.338	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	26.08	276	563786	3.004	ng/ul 96
94) Benzo(g,h,i)perylene	26.82	276	449002	2.851	ng/ul 97

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

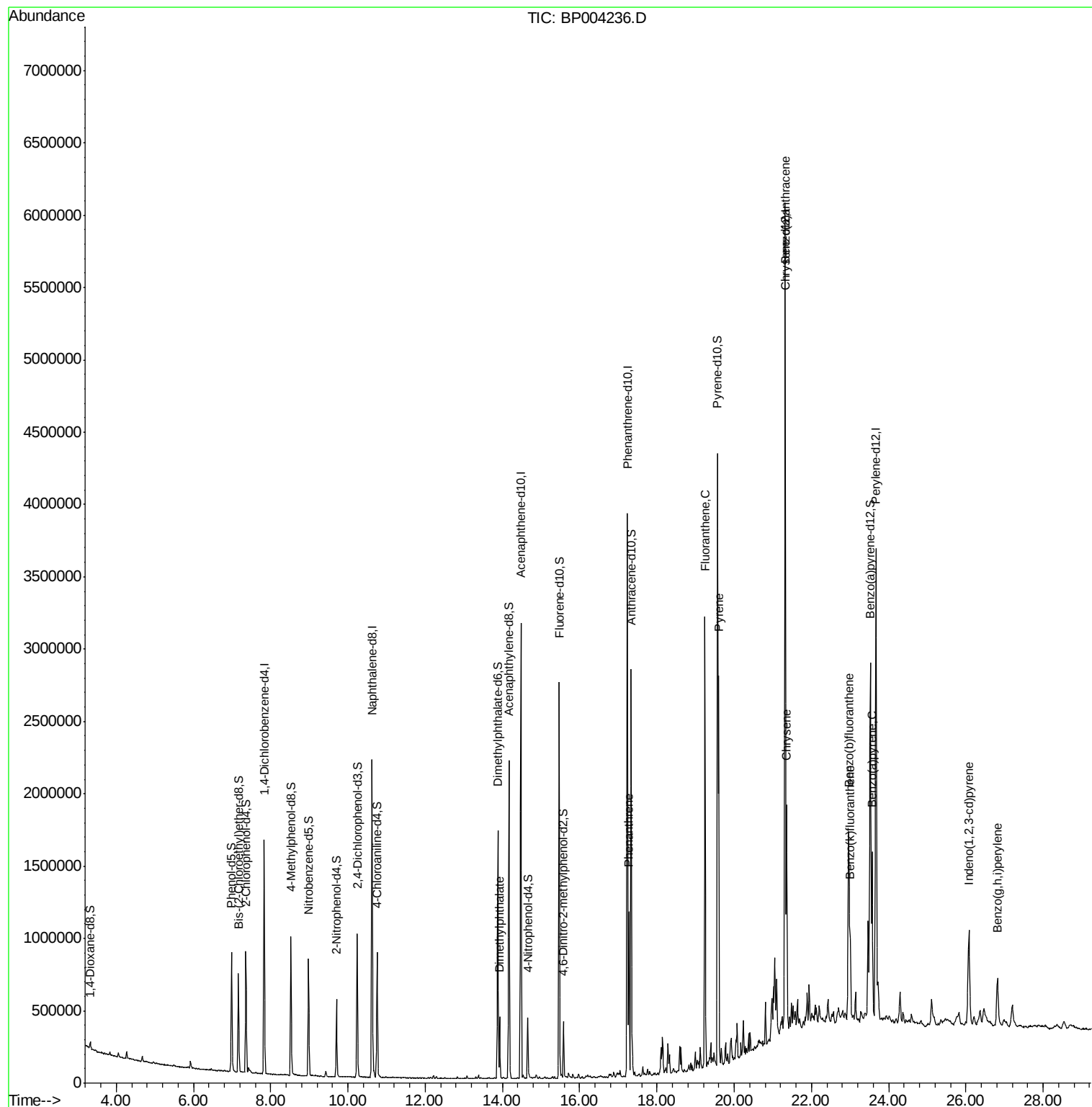
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121220\
 Data File : BP004236.D
 Acq On : 11 Dec 2020 19:45
 Operator : CG/JU
 Sample : L5000-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

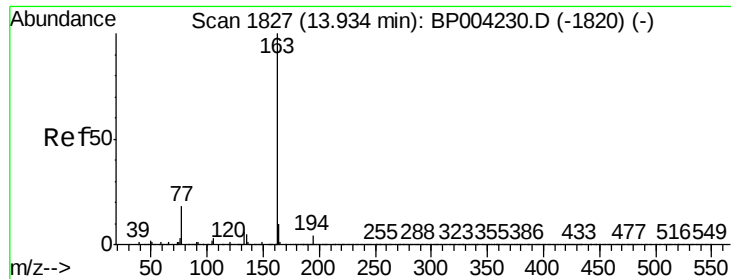
Instrument :
 BNA_P
 ClientSampleId :
 A54A7

Manual Integrations
 APPROVED

mohammad
 12/15/2020 12:18:29 PM

Quant Time: Dec 12 00:44:18 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





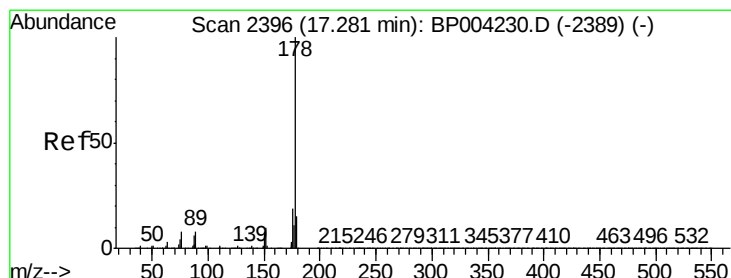
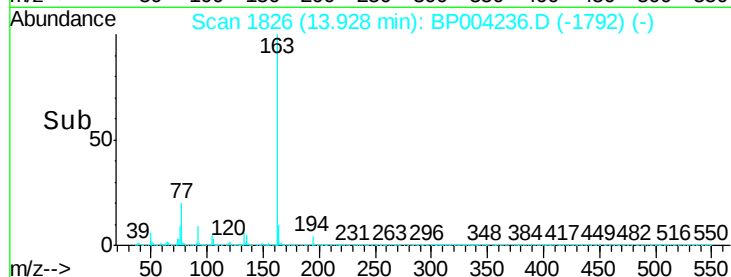
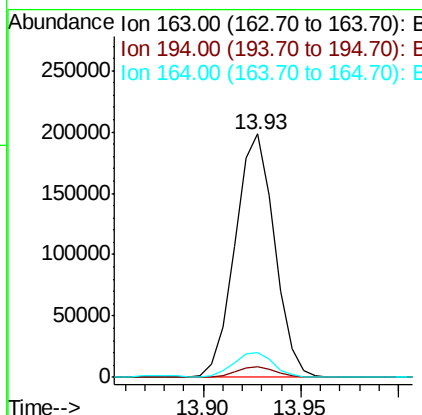
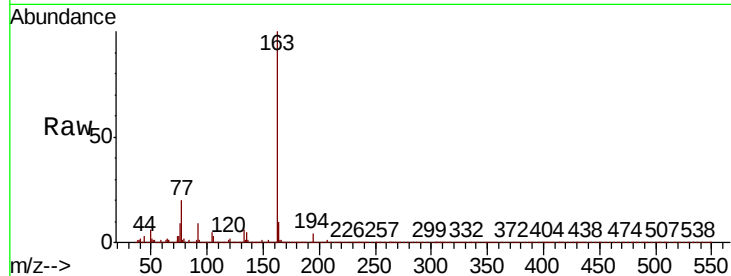
#45
Dimethylphthalate
Concen: 3.219 ng/ul
RT: 13.93 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BP004236.D
Acq: 11 Dec 2020 19:45

Instrument :
BNA_P
ClientSampled :
A54A7

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		277099		
194	4.2		3.4	5.2	
164	10.2		8.4	12.6	

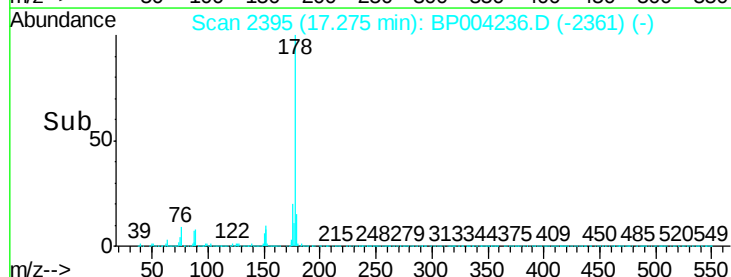
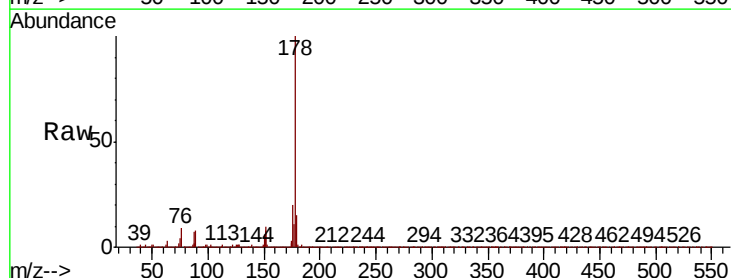
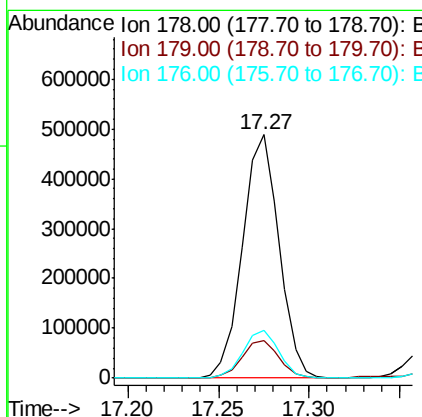
Manual Integrations
APPROVED

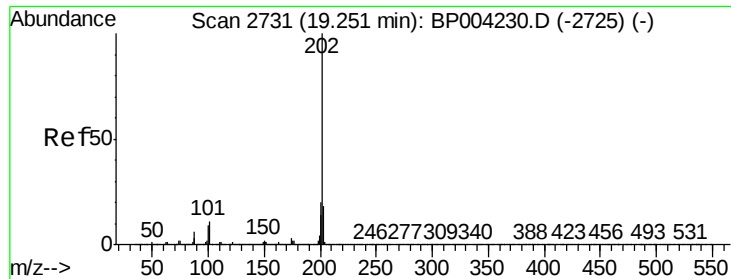
mohammad
12/15/2020 12:18:29 PM



#70
Phenanthrene
Concen: 4.943 ng/ul
RT: 17.27 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BP004236.D
Acq: 11 Dec 2020 19:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		684231		
179	15.4		12.4	18.6	
176	19.6		15.4	23.0	





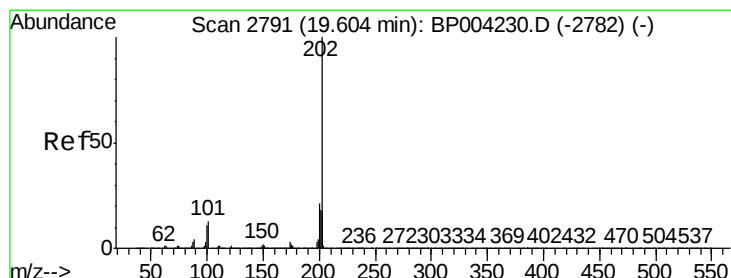
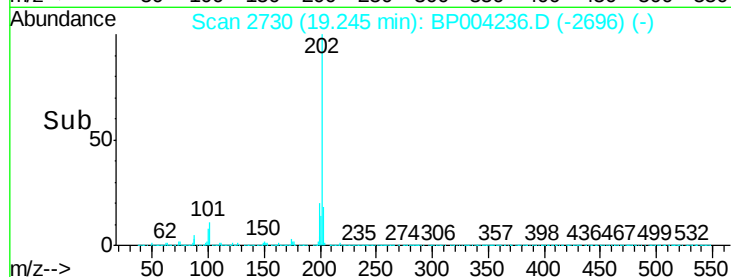
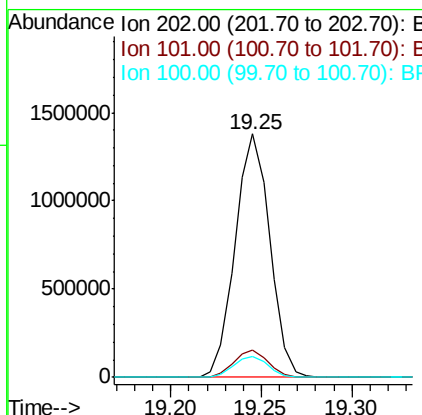
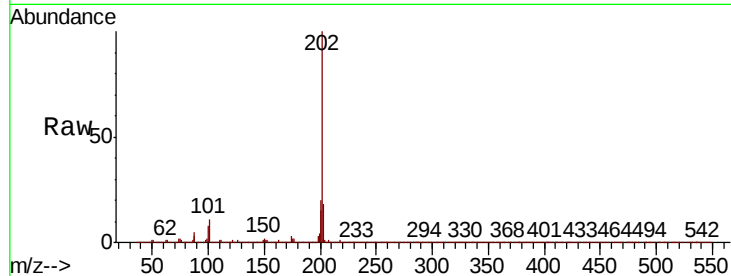
#77
 Fluoranthene
 Concen: 12.376 ng/ul
 RT: 19.25 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: BP004236.D
 Acq: 11 Dec 2020 19:45

Instrument :
 BNA_P
 ClientSampleId :
 A54A7

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.1	13.7
100	8.5	7.1	10.7

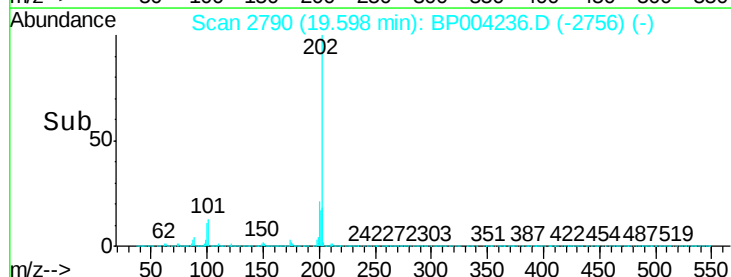
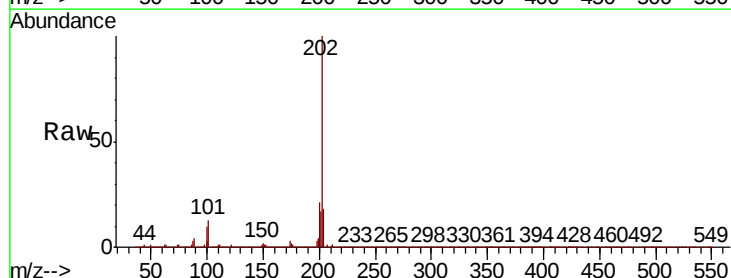
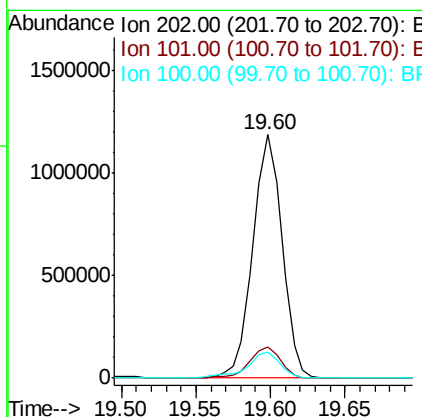
Manual Integrations
 APPROVED

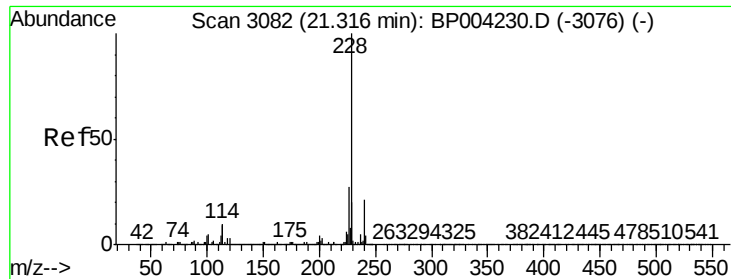
mohammad
 12/15/2020 12:18:29 PM



#80
 Pyrene
 Concen: 9.947 ng/ul
 RT: 19.60 min Scan# 2790
 Delta R.T. 0.00 min
 Lab File: BP004236.D
 Acq: 11 Dec 2020 19:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.6	15.8
100	10.5	8.6	12.8





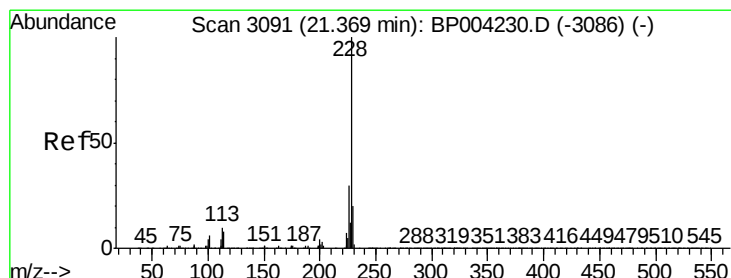
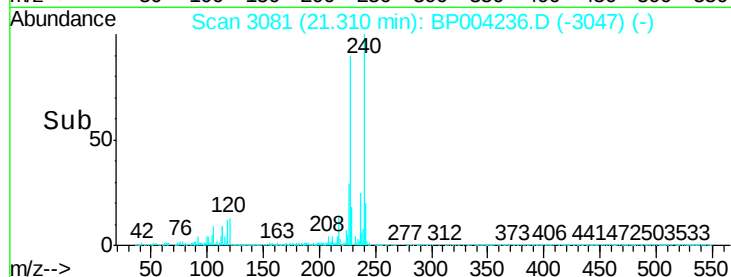
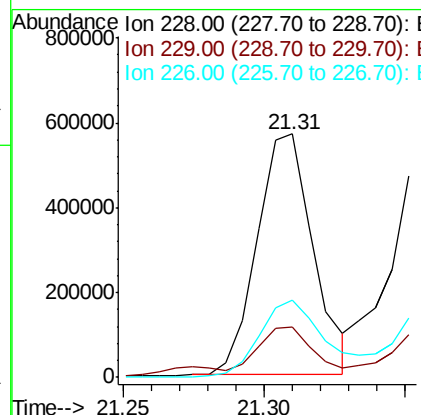
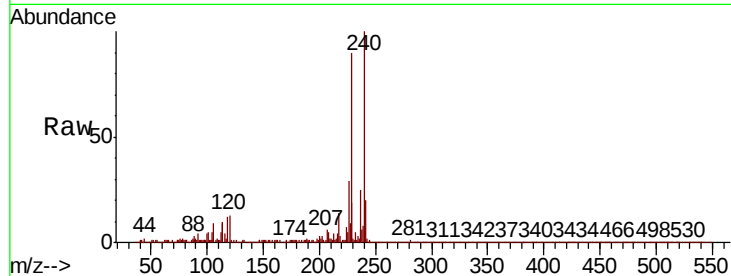
#83
Benzo(a)anthracene
Concen: 4.980 ng/ul
RT: 21.31 min Scan# 3081
Delta R.T. 0.00 min
Lab File: BP004236.D
Acq: 11 Dec 2020 19:45

Instrument :
BNA_P
ClientSampleId :
A54A7

Tot Ion:	228	Resp:	785421
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.8	23.8
226	31.9	21.7	32.5

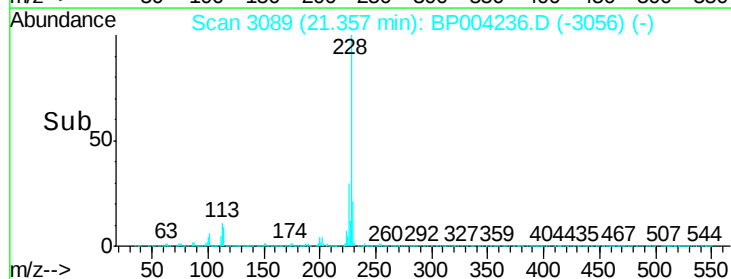
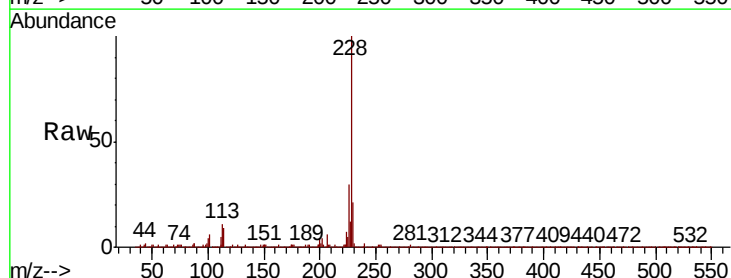
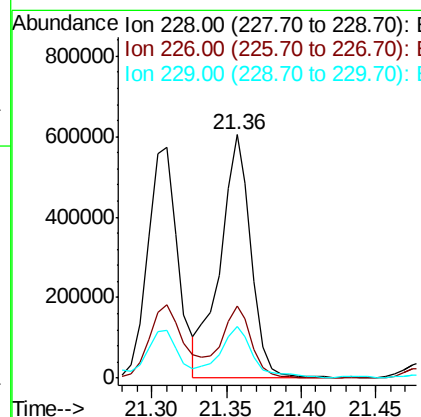
Manual Integrations
APPROVED

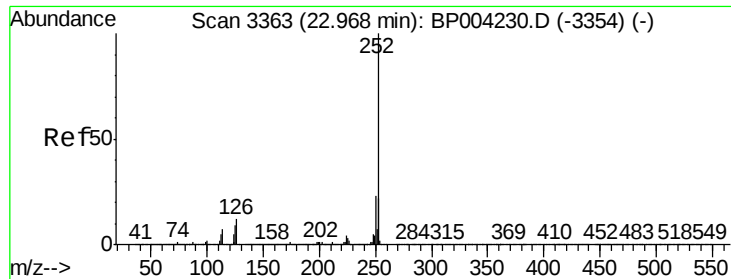
mohammad
12/15/2020 12:18:29 PM



#85
Chrysene
Concen: 5.636 ng/ul
RT: 21.36 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BP004236.D
Acq: 11 Dec 2020 19:45

Tgt Ion:	228	Resp:	872124
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.2	36.2
229	21.2	15.8	23.8





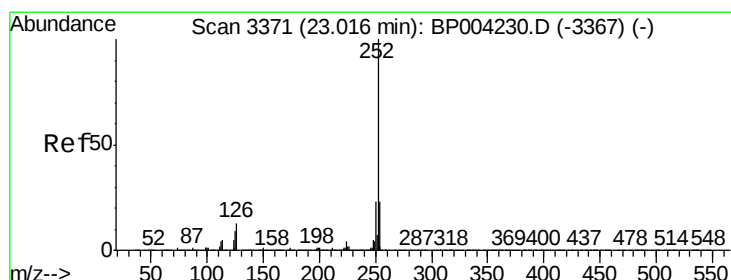
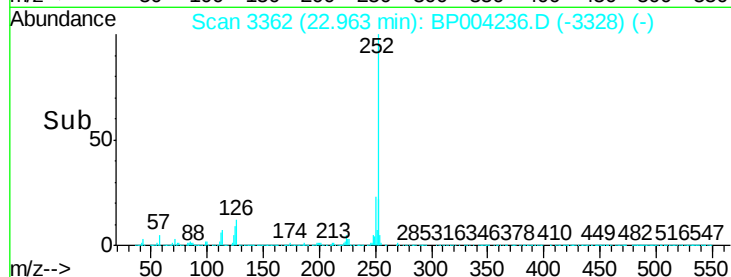
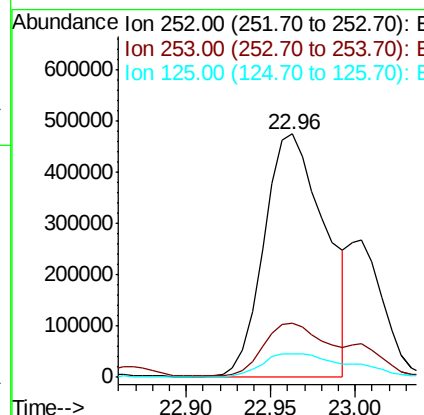
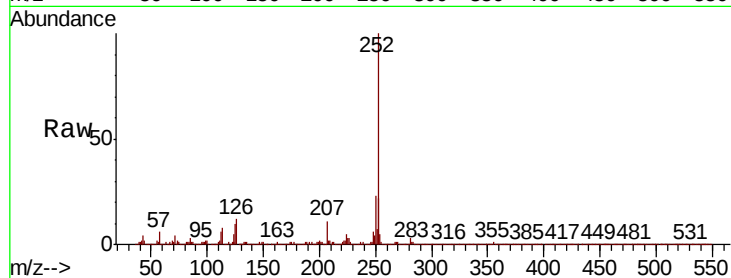
#88
Benzo(b)fluoranthene
Concen: 7.401 ng/ul
RT: 22.96 min Scan# 3362
Delta R.T. 0.00 min
Lab File: BP004236.D
Acq: 11 Dec 2020 19:45

Instrument :
BNA_P
ClientSampleId :
A54A7

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	9.7	7.7	11.5

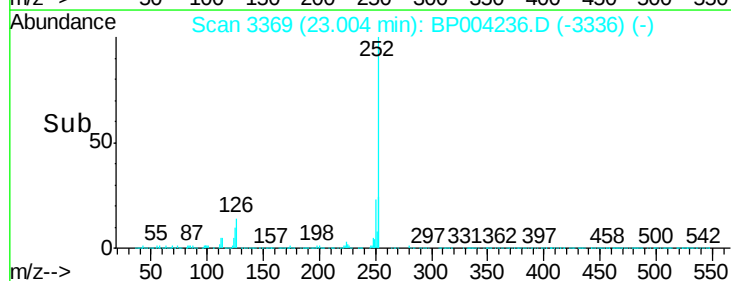
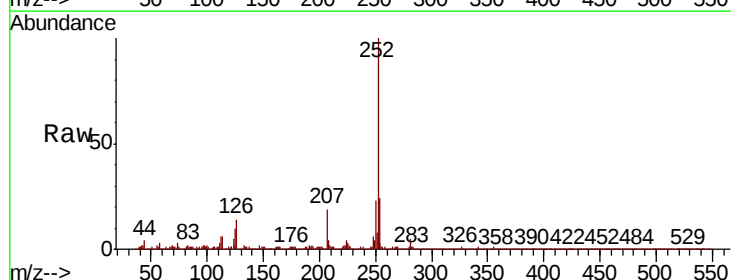
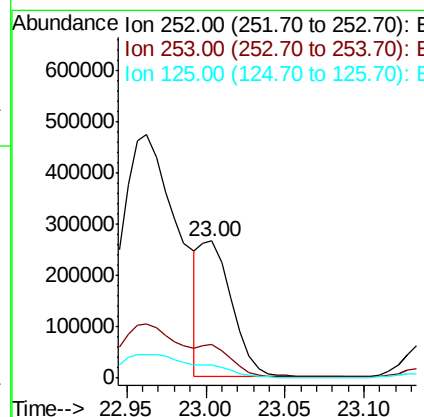
Manual Integrations
APPROVED

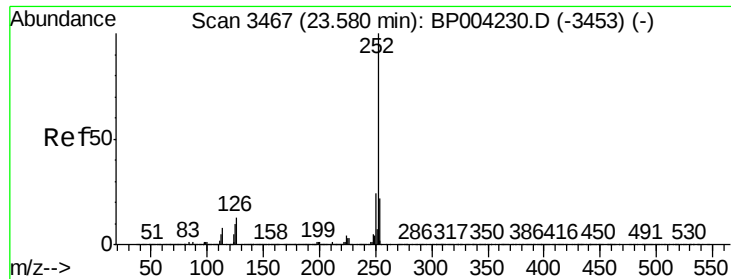
mohammad
12/15/2020 12:18:29 PM



#89
Benzo(k)fluoranthene
Concen: 2.279 ng/ul m
RT: 23.00 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BP004236.D
Acq: 11 Dec 2020 19:45

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





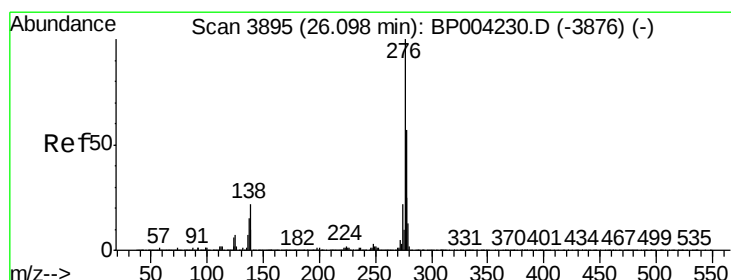
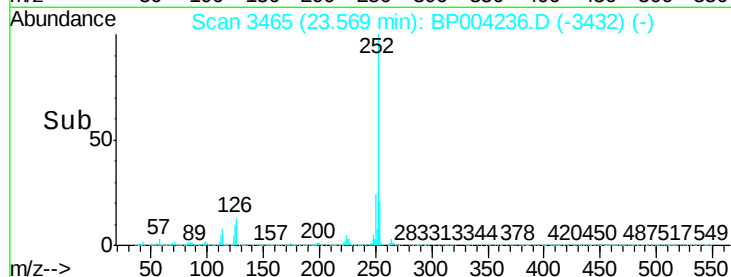
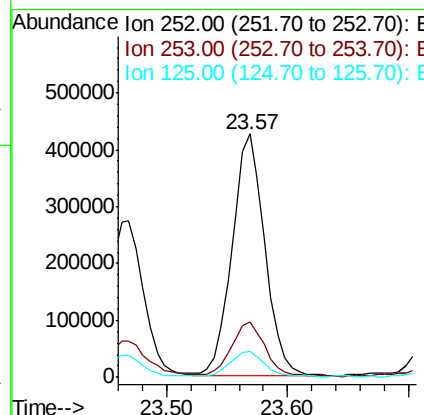
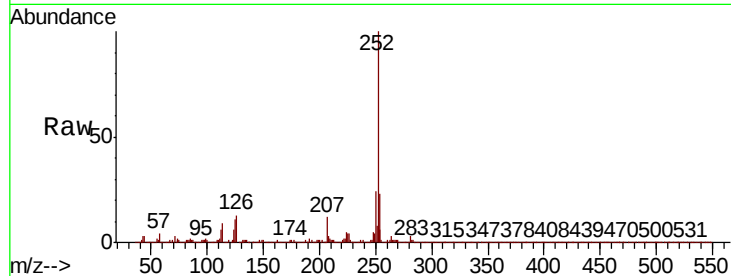
#91
Benzo(a)pyrene
Concen: 5.338 ng/ul
RT: 23.57 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BP004236.D
Acq: 11 Dec 2020 19:45

Instrument :
BNA_P
ClientSampled :
A54A7

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	17.3	25.9
125	10.6	7.8	11.6

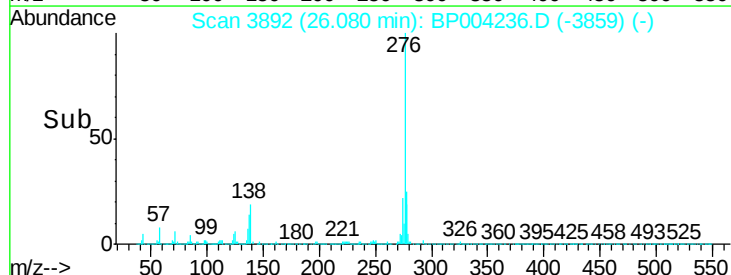
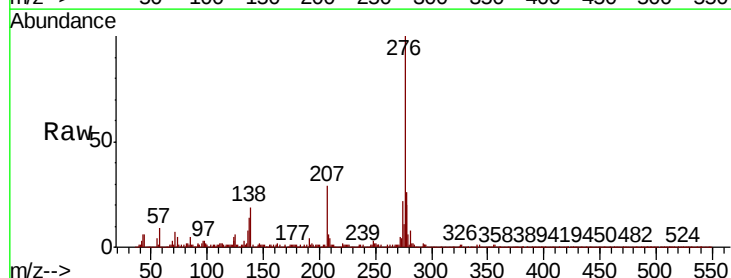
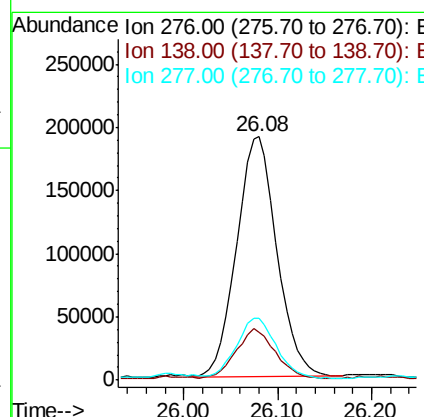
Manual Integrations
APPROVED

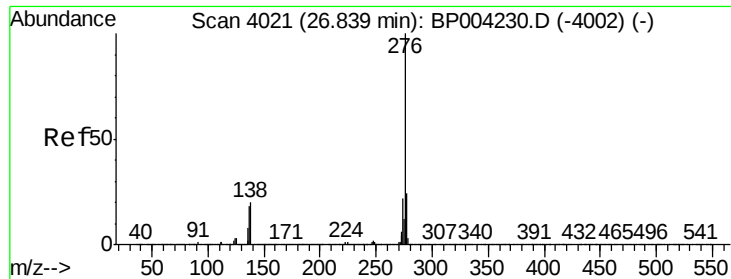
mohammad
12/15/2020 12:18:29 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 3.004 ng/ul
RT: 26.08 min Scan# 3892
Delta R.T. -0.01 min
Lab File: BP004236.D
Acq: 11 Dec 2020 19:45

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	19.4	17.8	26.6
277	25.6	19.8	29.6





#94

Benzo(a,h,i)perylene

Concen: 2.851 ng/ul

RT: 26.82 min Scan# 4017

Delta R.T. -0.01 min

Lab File: BP004236.D

Acq: 11 Dec 2020 19:45

Instrument :

BNA_P

ClientSampleId :

A54A7

Tot Ion:	276	Resp:	449002
Ion Ratio	Lower	Upper	
276	100		
138	19.6	16.6	25.0
277	25.2	18.5	27.7

Manual Integrations
APPROVED

mohammad
12/15/2020 12:18:29 PM

