

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP032921\
 Data File : BP005105.D
 Acq On : 30 Mar 2021 15:52
 Operator : CG/JU
 Sample : M1800-02DL 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleID :
 D8HE4DL

Manual Integrations
 APPROVED

mohammad
 3/31/2021 12:46:57 PM

Quant Time: Mar 30 16:37:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 29 15:02:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	24803	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	99979	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	70018	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	150546	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	158429	20.00	ng/ul	-0.01
86) Perylene-d12	23.50	264	160569	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.89	99	1550	0.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	3537	3.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	3948	2.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	2422	1.48	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	2317	3.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	2637	3.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	4538m	2.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	269	0.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	19678	3.87	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	21875	3.47	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.36	176	16509	3.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	2589	2.60	ng/ul	0.00
71) Anthracene-d10	17.22	188	28035	4.14	ng/ul	0.00
79) Pyrene-d10	19.46	212	31375	4.14	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.35	264	31763	3.85	ng/ul	-0.01

Target Compounds

					Ovalue
28) Naphthalene	10.56	128	1099457	208.901	ng/ul 98
34) 2-Methylnaphthalene	12.17	142	47544	12.626	ng/ul 99
41) 1,1'-Biphenyl	13.19	154	23209	4.403	ng/ul 98
50) Acenaphthene	14.43	153	120999	28.112	ng/ul 97
54) Dibenzofuran	14.77	168	116598	18.551	ng/ul 100
59) Fluorene	15.42	166	40460	7.806	ng/ul 99
70) Phenanthrene	17.16	178	164463	20.337	ng/ul 99
75) Carbazole	17.53	167	52212	7.384	ng/ul 99
77) Fluoranthene	19.14	202	27838	2.912	ng/ul 98
80) Pyrene	19.49	202	15066	1.538	ng/ul# 95

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

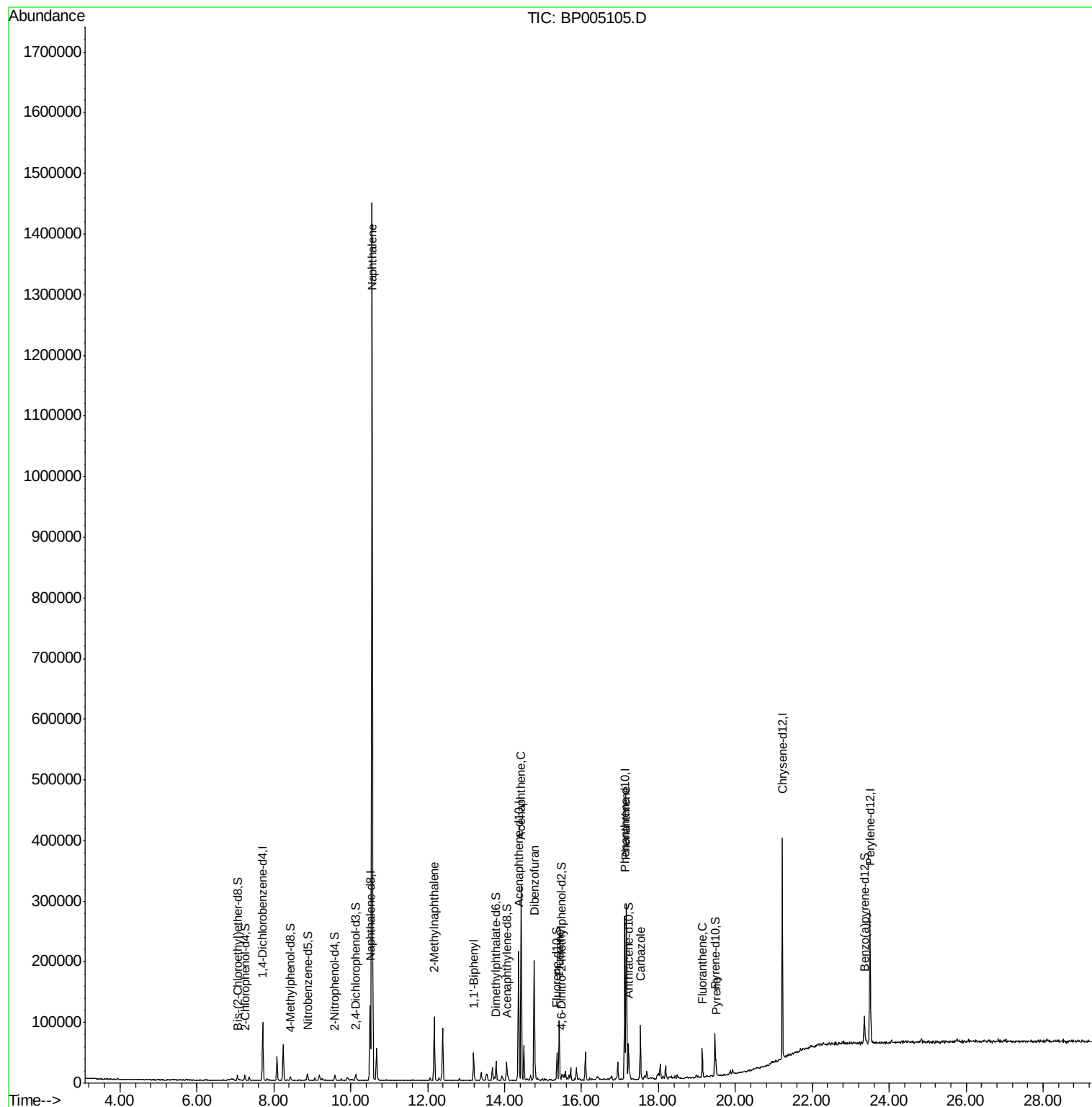
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005105.D
Acq On : 30 Mar 2021 15:52
Operator : CG/JU
Sample : M1800-02DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

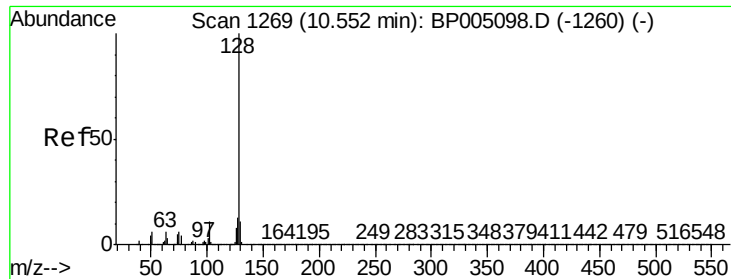
Instrument :
BNA_P
ClientSampleId :
D8HE4DL

Quant Time: Mar 30 16:37:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 29 15:02:46 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
3/31/2021 12:46:57 PM





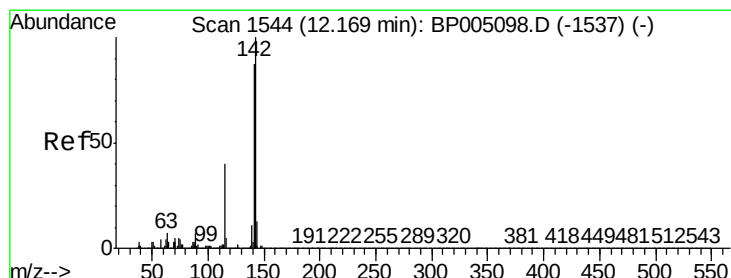
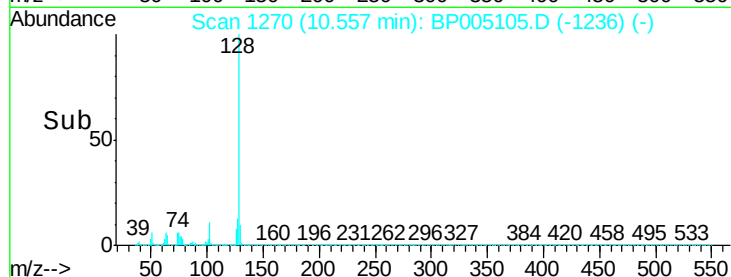
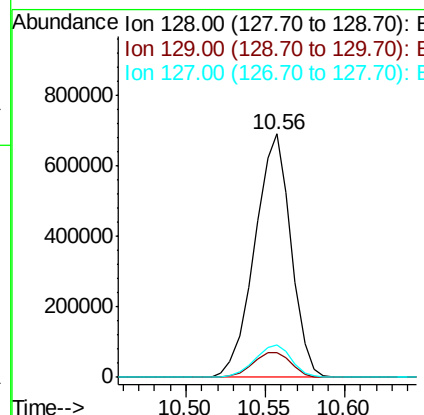
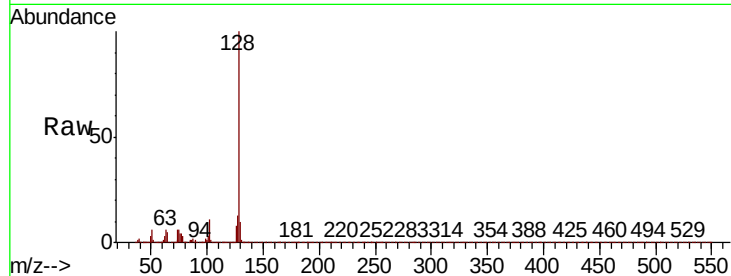
#28
Naphthalene
Concen: 208.901 ng/ul
RT: 10.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BP005105.D
Acq: 30 Mar 2021 15:52

Instrument :
BNA_P
ClientSampleId :
D8HE4DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.0	13.6
127	13.2	10.3	15.5

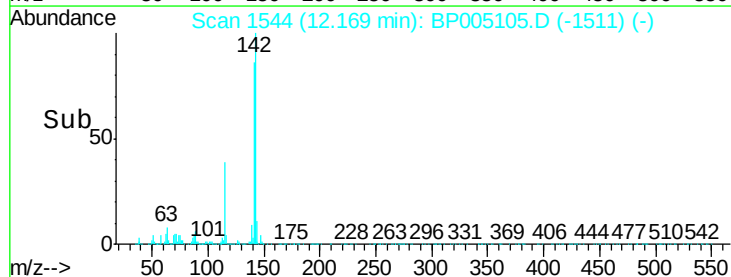
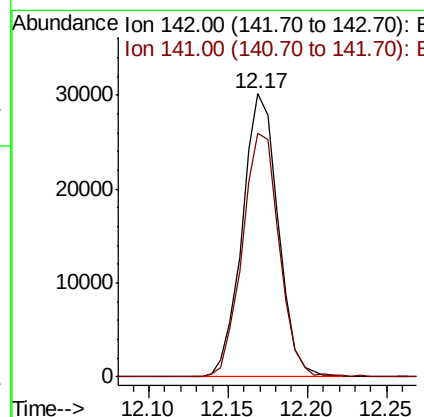
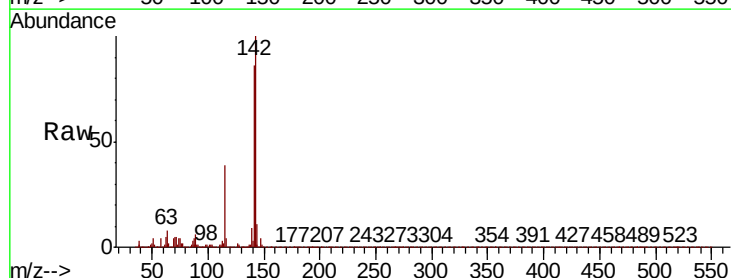
Manual Integrations
APPROVED

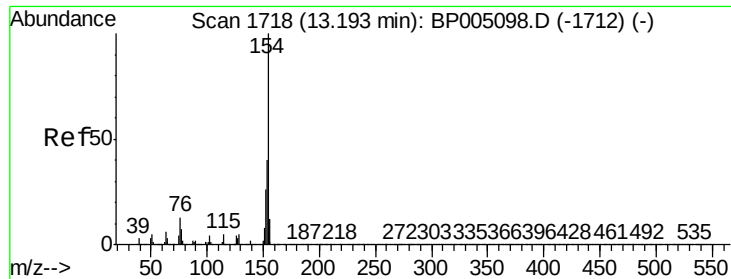
mohammad
3/31/2021 12:46:57 PM



#34
2-Methylnaphthalene
Concen: 12.626 ng/ul
RT: 12.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BP005105.D
Acq: 30 Mar 2021 15:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.2	68.6	102.8





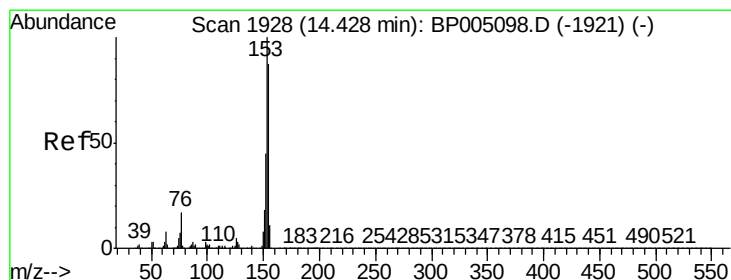
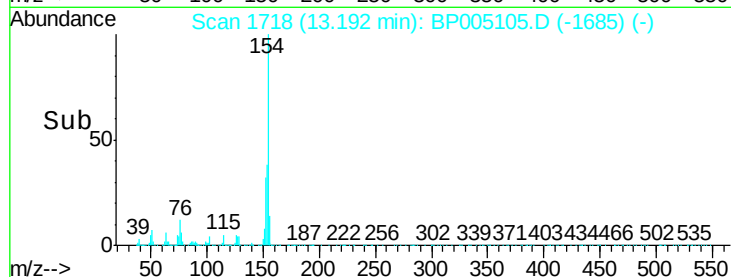
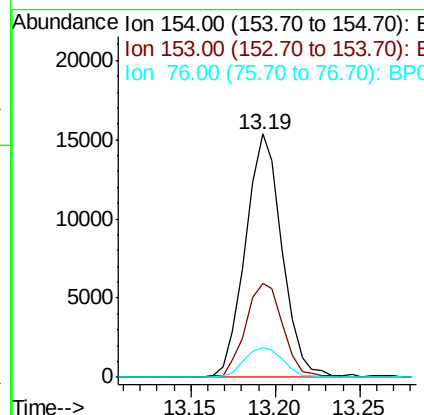
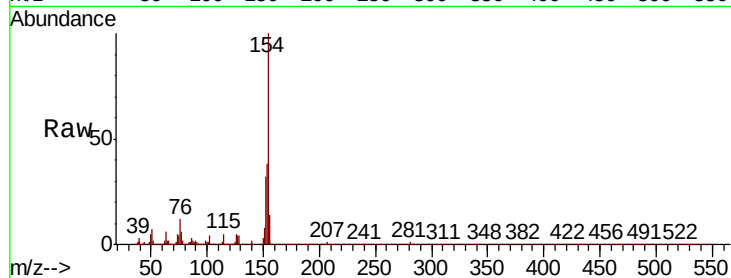
#41
1,1'-Biphenyl
Concen: 4.403 ng/ul
RT: 13.19 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BP005105.D
Acq: 30 Mar 2021 15:52

Instrument :
BNA_P
ClientSampleId :
D8HE4DL

Tot Ion:	154	Resp:	23209
Ion Ratio	Lower	Upper	
154	100		
153	38.4	31.3	46.9
76	12.1	10.7	16.1

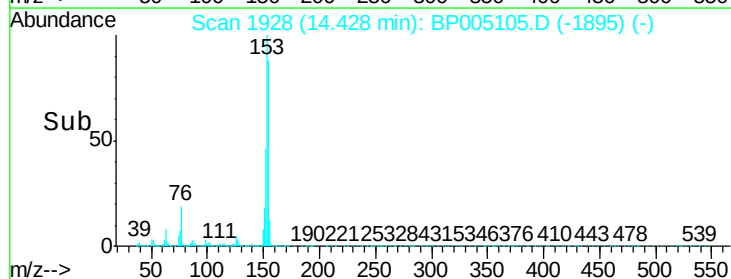
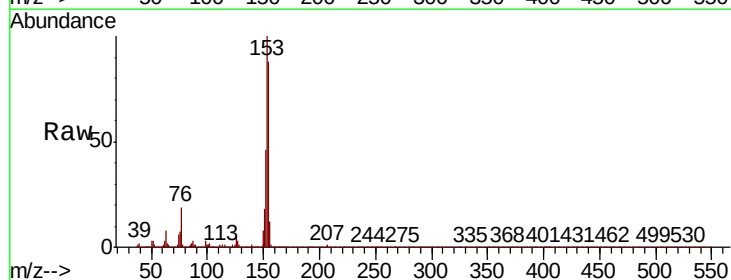
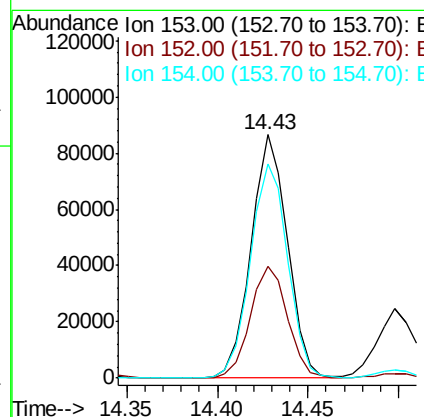
Manual Integrations
APPROVED

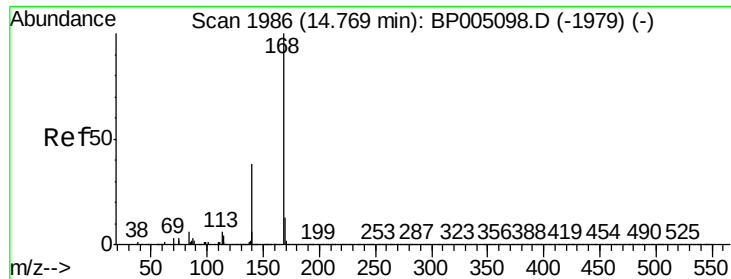
mohammad
3/31/2021 12:46:57 PM



#50
Acenaphthene
Concen: 28.112 ng/ul
RT: 14.43 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BP005105.D
Acq: 30 Mar 2021 15:52

Tgt Ion:	153	Resp:	120999
Ion Ratio	Lower	Upper	
153	100		
152	45.8	37.5	56.3
154	87.7	73.4	110.0





#54

Dibenzenofuran

Concen: 18.551 ng/ul

RT: 14.77 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BP005105.D

Acq: 30 Mar 2021 15:52

Instrument :

BNA_P

ClientSampleId :

D8HE4DL

Tot Ion:168 Resp: 116598

Ion Ratio Lower Upper

168 100

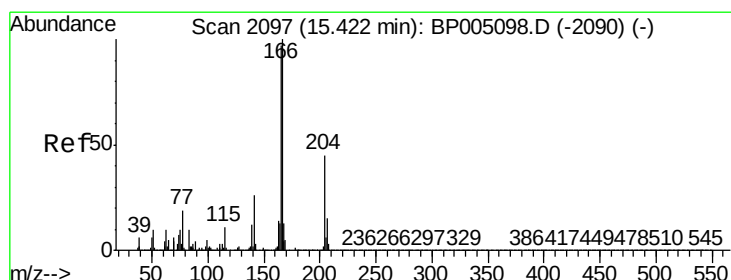
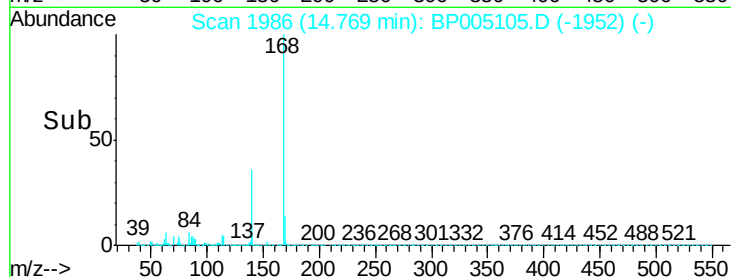
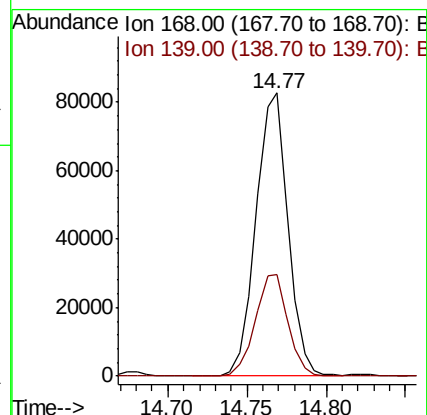
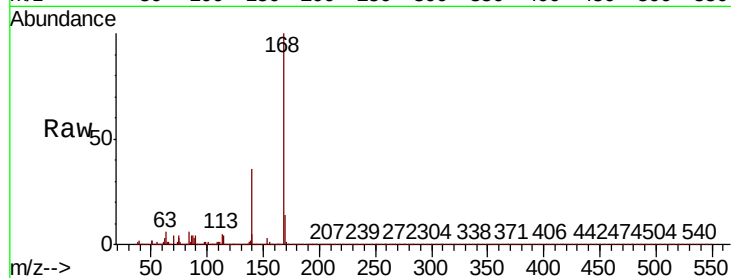
139 35.8 28.6 43.0

Manual Integrations

APPROVED

mohammad

3/31/2021 12:46:57 PM



#59

Fluorene

Concen: 7.806 ng/ul

RT: 15.42 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BP005105.D

Acq: 30 Mar 2021 15:52

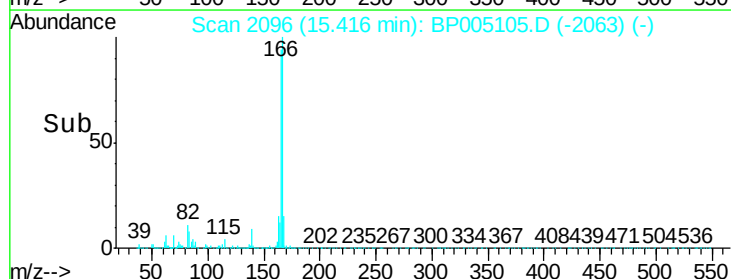
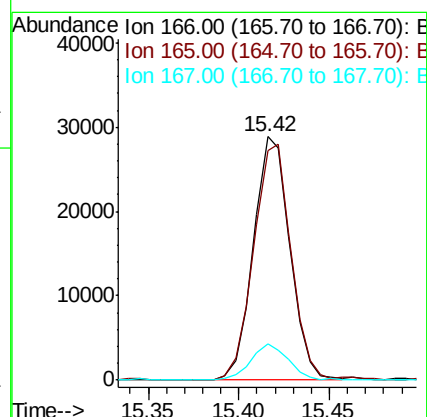
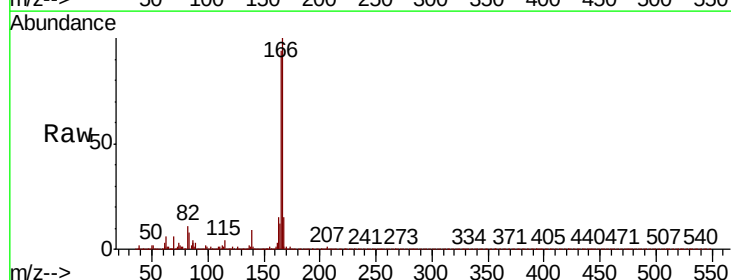
Tgt Ion:166 Resp: 40460

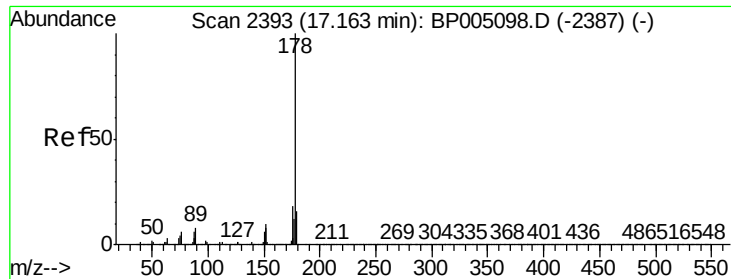
Ion Ratio Lower Upper

166 100

165 94.3 76.1 114.1

167 15.1 11.3 16.9





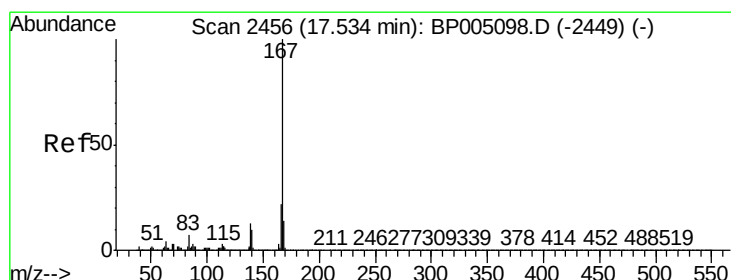
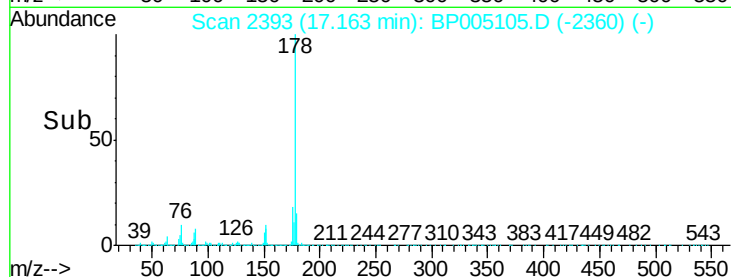
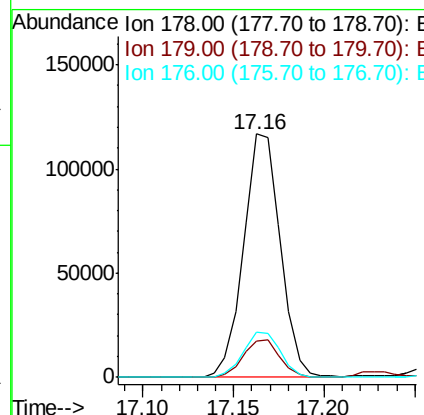
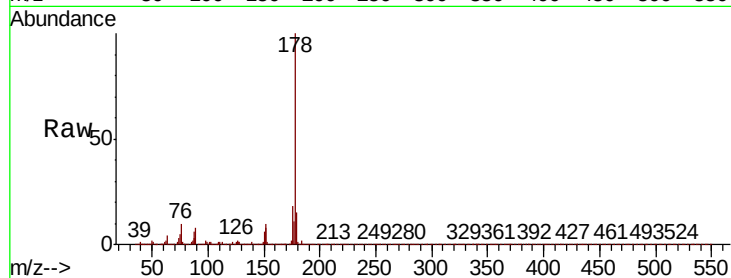
#70
Phenanthrene
Concen: 20.337 ng/ul
RT: 17.16 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BP005105.D
Acq: 30 Mar 2021 15:52

Instrument :
BNA_P
ClientSampleId :
D8HE4DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.3	18.5
176	18.4	15.0	22.4

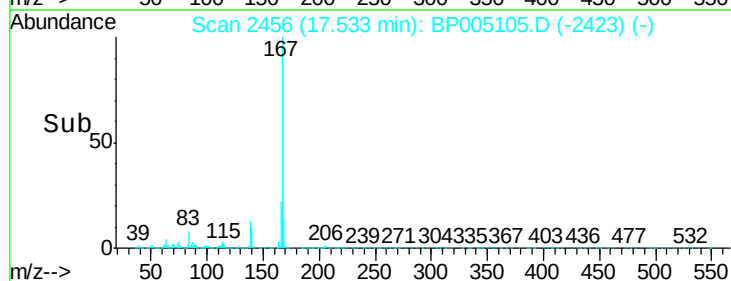
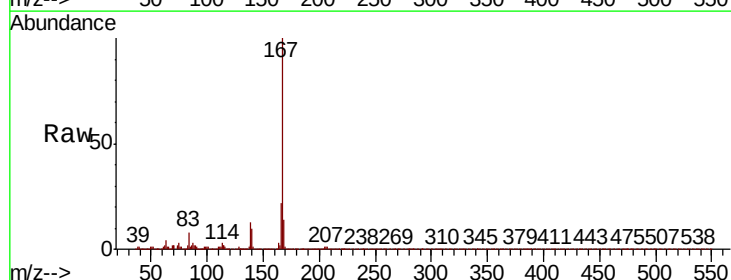
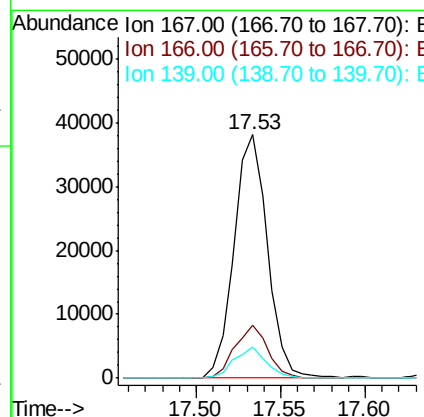
Manual Integrations
APPROVED

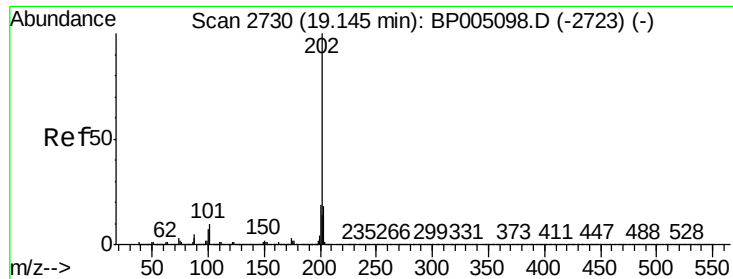
mohammad
3/31/2021 12:46:57 PM



#75
Carbazole
Concen: 7.384 ng/ul
RT: 17.53 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BP005105.D
Acq: 30 Mar 2021 15:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	12.6	10.4	15.6





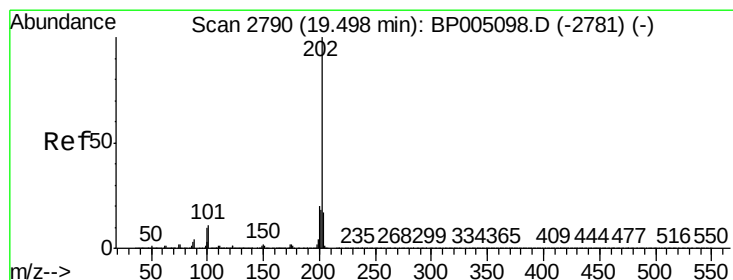
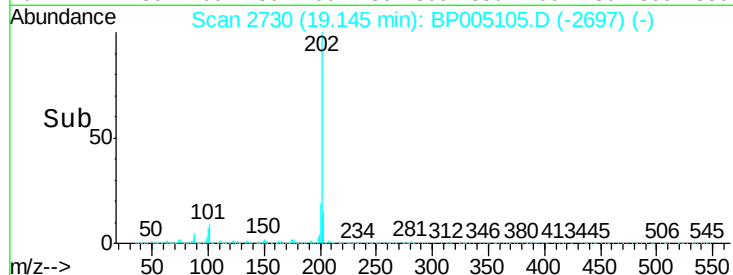
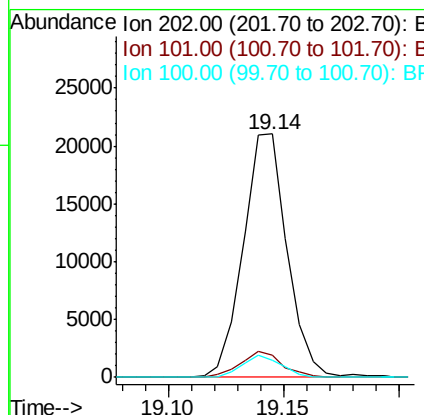
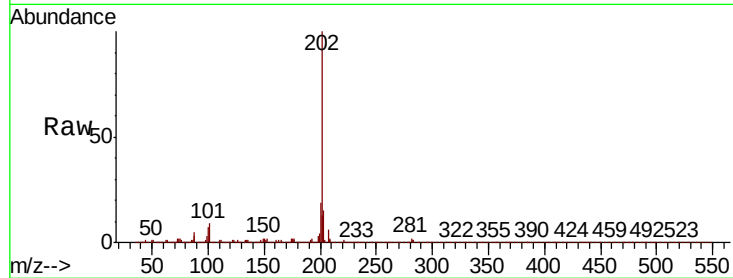
#77
Fluoranthene
Concen: 2.912 ng/ul
RT: 19.14 min Scan# 2730
Delta R.T. -0.01 min
Lab File: BP005105.D
Acq: 30 Mar 2021 15:52

Instrument :
BNA_P
ClientSampleId :
D8HE4DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		27838		
101	8.9	8.3	12.5		
100	7.2	5.9	8.9		

Manual Integrations
APPROVED

mohammad
3/31/2021 12:46:57 PM



#80
Pyrene
Concen: 1.538 ng/ul
RT: 19.49 min Scan# 2789
Delta R.T. -0.01 min
Lab File: BP005105.D
Acq: 30 Mar 2021 15:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		15066		
101	14.1	9.3	13.9#		
100	11.8	8.2	12.4		

