

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
 Data File : BN015976.D
 Acq On : 19 Aug 2021 18:01
 Operator : CG/JU
 Sample : M3399-08DL2 100X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBKB0DL2

Manual Integrations
 APPROVED

mohammad
 8/20/2021 2:22:26 PM

Quant Time: Aug 20 04:29:31 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 20 04:24:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	247861	20.000	ng/u1	0.00
20) Naphthalene-d8	10.681	136	1002873	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.516	164	654493	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	1418891	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	1514670	20.000	ng/u1	0.00
88) Perylene-d12	23.851	264	1517422	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.040	99	297	0.013	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	2902	0.210	ng/u1	0.01
11) 2-Chlorophenol-d4	7.405	132	1357	0.085	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	1344	0.077	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	2412m	0.327	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	816	0.118	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.299	165	1716	0.115	ng/u1	0.00
31) 4-Chloroaniline-d4	10.816	131	4157	0.183	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	13623	0.284	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	15404	0.256	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/u1	
60) Fluorene-d10	15.498	176	13348	0.319	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	21087	2.783	ng/u1	0.01
73) Anthracene-d10	17.357	188	25171	0.378	ng/u1	0.00
81) Pyrene-d10	19.651	212	25060	0.307	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.692	264	21989	0.268	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.728	128	1444908	26.901	ng/u1	99
36) 2-Methylnaphthalene	12.340	142	170345	4.561	ng/u1	95
37) 1-Methylnaphthalene	12.557	142	95871	2.579	ng/u1	98
52) Acenaphthene	14.575	153	125114	3.029	ng/u1	99
56) Dibenzofuran	14.910	168	92818	1.625	ng/u1	98
61) Fluorene	15.563	166	57480	1.234	ng/u1	99
71) Pentachlorophenol	16.910	266	81270	8.142	ng/u1	91
72) Phenanthrene	17.304	178	98512	1.277	ng/u1	97
77) Carbazole	17.663	167	272825	3.940	ng/u1	98

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

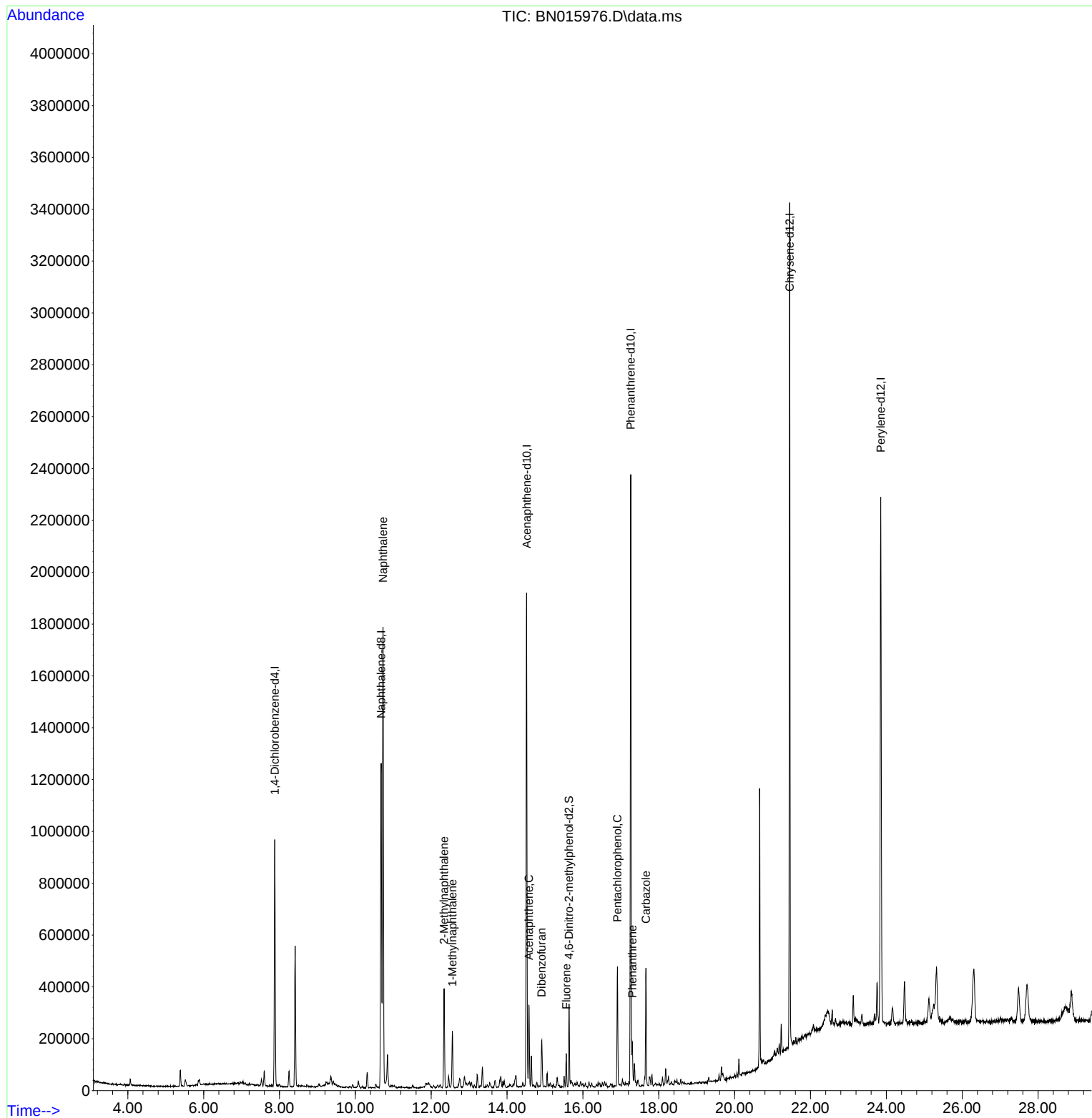
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015976.D
Acq On : 19 Aug 2021 18:01
Operator : CG/JU
Sample : M3399-08DL2 100X
Misc :
ALS Vial : 8 Sample Multiplier: 1

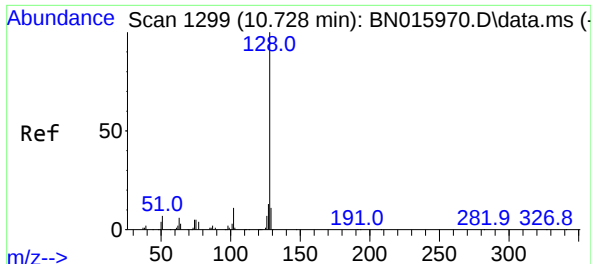
Instrument :
BNA_N
ClientSampleId :
DBKB0DL2

Manual Integrations
APPROVED

mohammad
8/20/2021 2:22:26 PM

Quant Time: Aug 20 04:29:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 20 04:24:09 2021
Response via : Initial Calibration





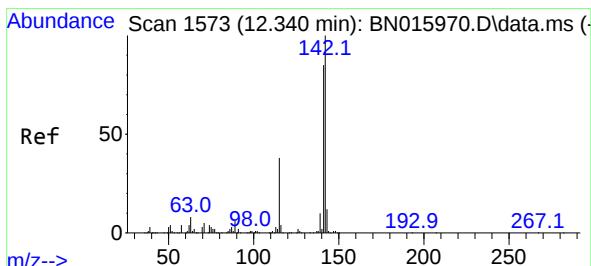
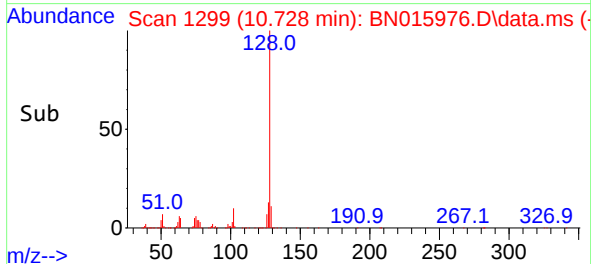
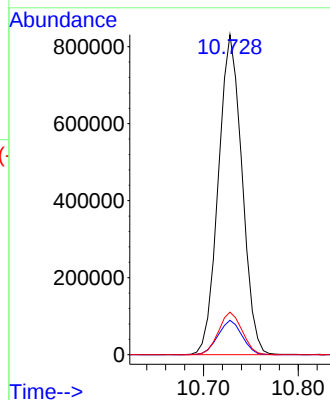
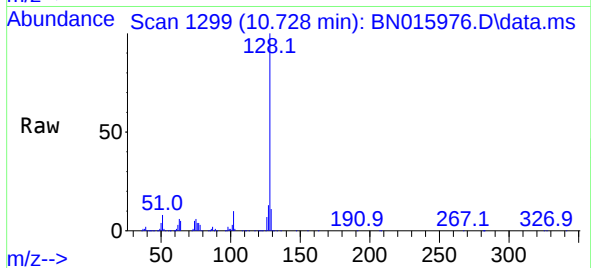
#30
Naphthalene
Concen: 26.901 ng/ul
RT: 10.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BN015976.D
Acq: 19 Aug 2021 18:01

Tgt Ion:128 Resp: 1444908
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.3 11.1 16.7

Instrument :
BNA_N
ClientSampleId :
DBKB0DL2

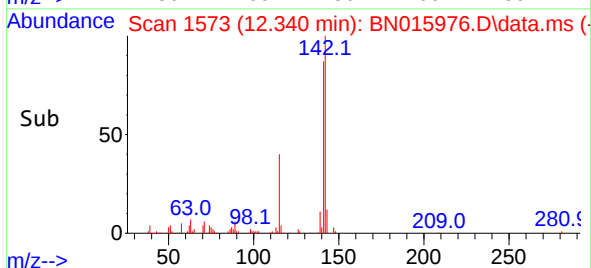
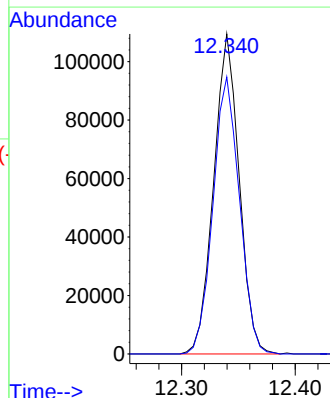
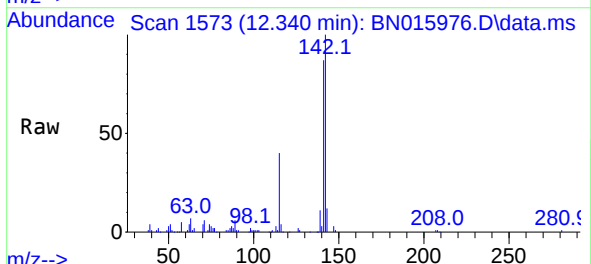
Manual Integrations
APPROVED

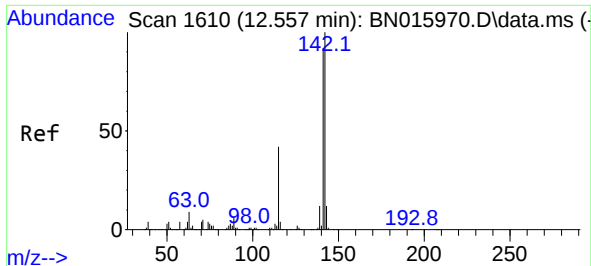
mohammad
8/20/2021 2:22:26 PM



#36
2-Methylnaphthalene
Concen: 4.561 ng/ul
RT: 12.340 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BN015976.D
Acq: 19 Aug 2021 18:01

Tgt Ion:142 Resp: 170345
Ion Ratio Lower Upper
142 100
141 86.6 73.4 110.0





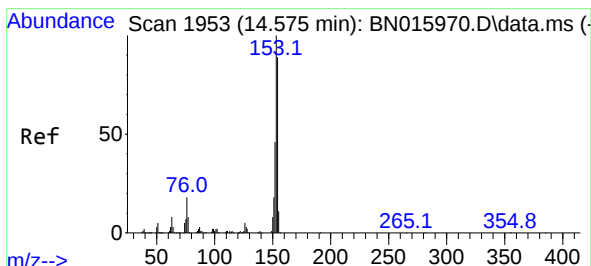
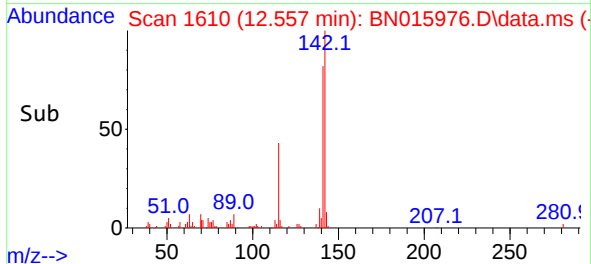
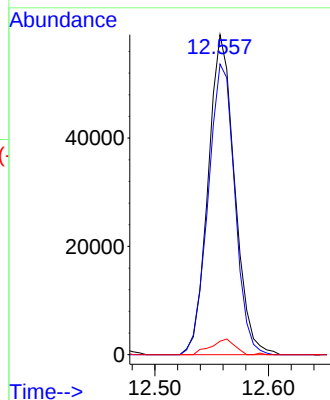
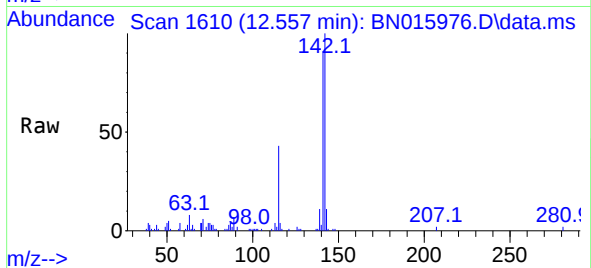
#37
1-Methylnaphthalene
Concen: 2.579 ng/ul
RT: 12.557 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN015976.D
Acq: 19 Aug 2021 18:01

Tgt Ion:142 Resp: 95871
Ion Ratio Lower Upper
142 100
141 90.8 74.2 111.4
116 4.2 3.4 5.0

Instrument :
BNA_N
ClientSampleId :
DBKB0DL2

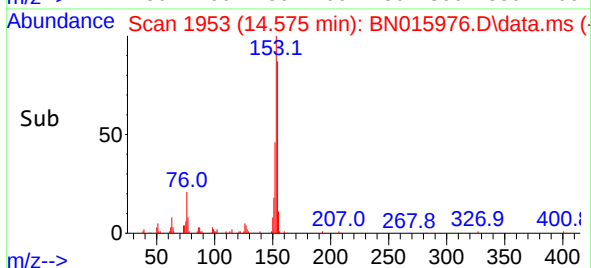
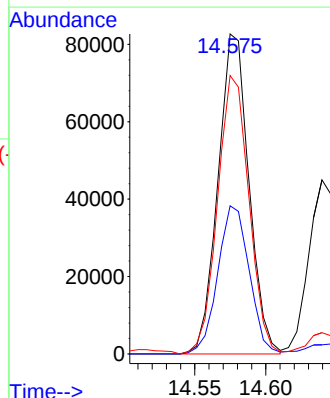
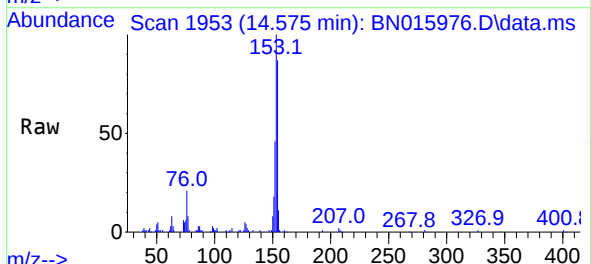
Manual Integrations
APPROVED

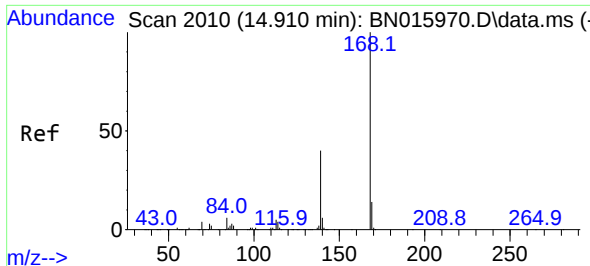
mohammad
8/20/2021 2:22:26 PM



#52
Acenaphthene
Concen: 3.029 ng/ul
RT: 14.575 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BN015976.D
Acq: 19 Aug 2021 18:01

Tgt Ion:153 Resp: 125114
Ion Ratio Lower Upper
153 100
152 46.3 38.6 57.8
154 87.0 69.3 103.9





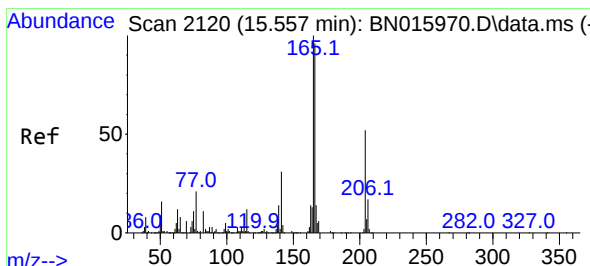
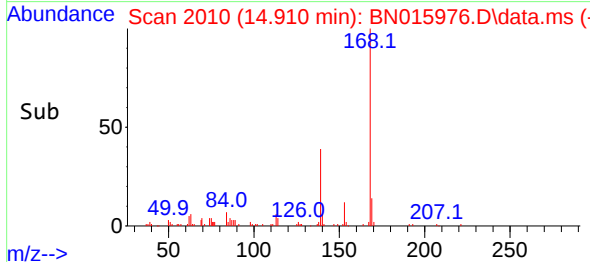
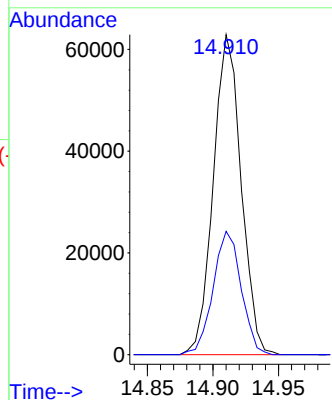
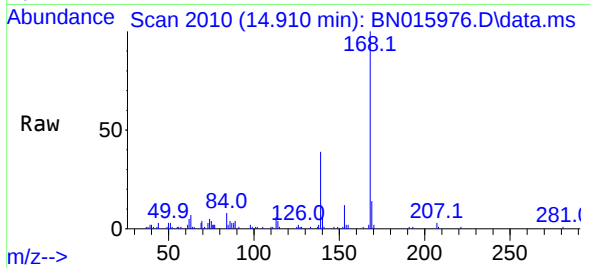
#56
Dibenzenofuran
Concen: 1.625 ng/u1
RT: 14.910 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BN015976.D
Acq: 19 Aug 2021 18:01

Tgt Ion:168 Resp: 92818
Ion Ratio Lower Upper
168 100
139 38.6 31.8 47.6

Instrument :
BNA_N
ClientSampleId :
DBKB0DL2

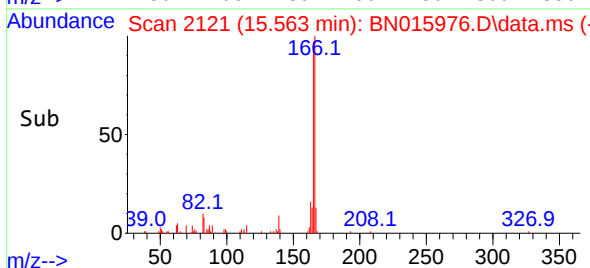
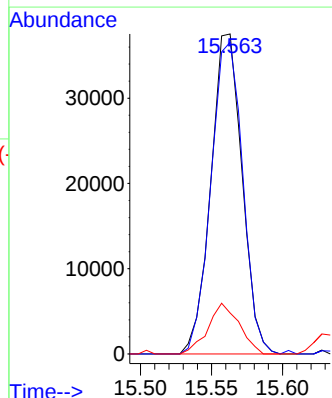
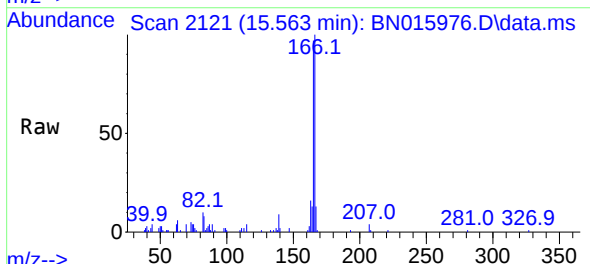
Manual Integrations
APPROVED

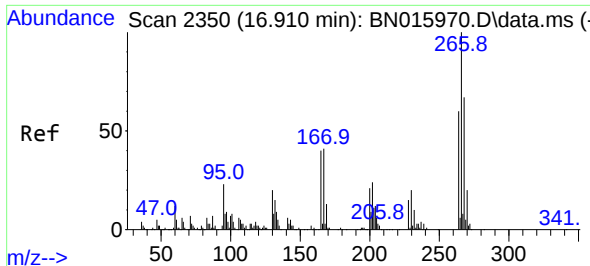
mohammad
8/20/2021 2:22:26 PM



#61
Fluorene
Concen: 1.234 ng/u1
RT: 15.563 min Scan# 2121
Delta R.T. 0.006 min
Lab File: BN015976.D
Acq: 19 Aug 2021 18:01

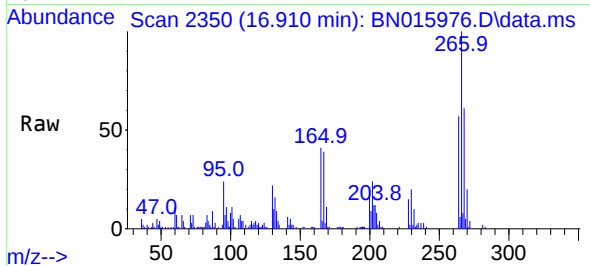
Tgt Ion:166 Resp: 57480
Ion Ratio Lower Upper
166 100
165 97.4 78.4 117.6
167 12.8 10.8 16.2





#71
Pentachlorophenol
Concen: 8.142 ng/ul
RT: 16.910 min Scan# 2350
Delta R.T. 0.000 min
Lab File: BN015976.D
Acq: 19 Aug 2021 18:01

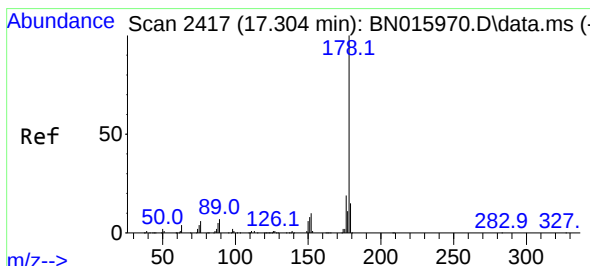
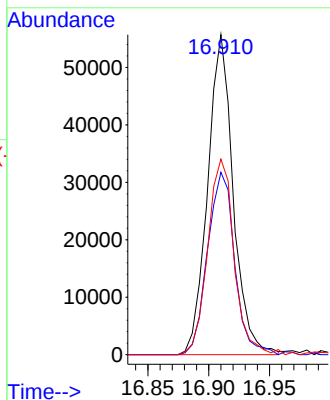
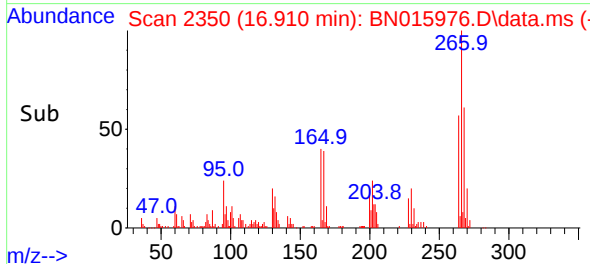
Instrument :
BNA_N
ClientSampleId :
DBKB0DL2



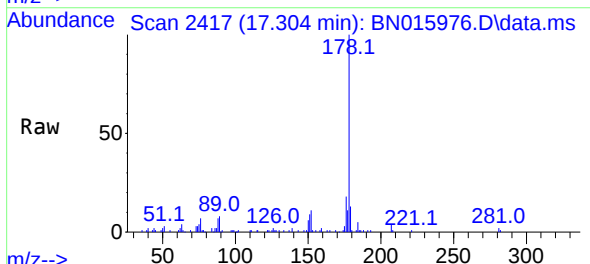
Tgt Ion:266 Resp: 81270
Ion Ratio Lower Upper
266 100
264 57.0 53.8 80.6
268 61.1 52.7 79.1

Manual Integrations
APPROVED

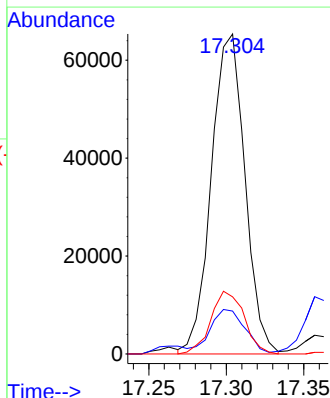
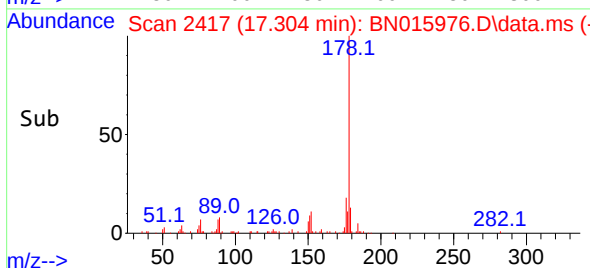
mohammad
8/20/2021 2:22:26 PM

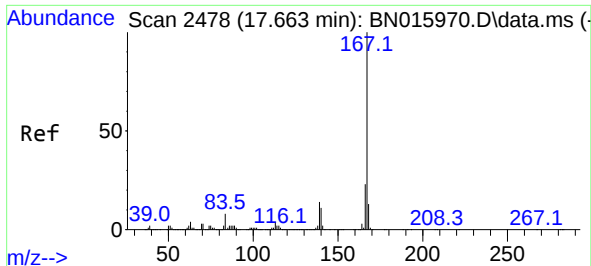


#72
Phenanthrene
Concen: 1.277 ng/ul
RT: 17.304 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BN015976.D
Acq: 19 Aug 2021 18:01

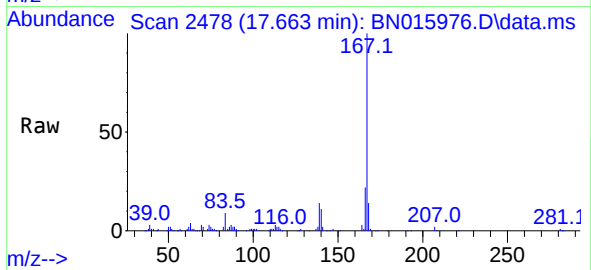


Tgt Ion:178 Resp: 98512
Ion Ratio Lower Upper
178 100
179 13.4 12.5 18.7
176 17.9 14.6 21.8



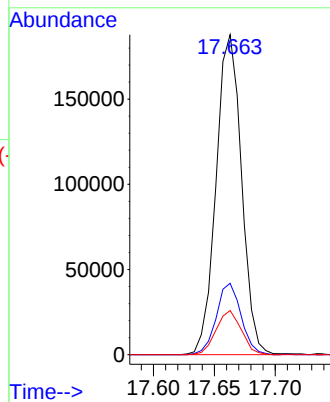
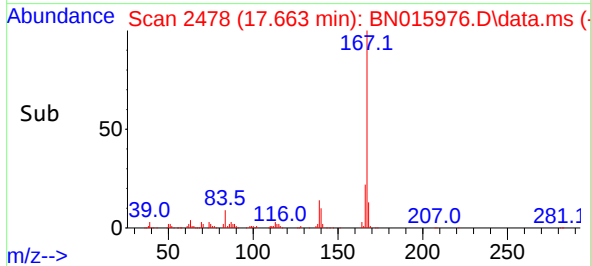


#77
 Carbazole
 Concen: 3.940 ng/ul
 RT: 17.663 min Scan# 2478
 Delta R.T. 0.000 min
 Lab File: BN015976.D
 Acq: 19 Aug 2021 18:01



Tgt Ion:167 Resp: 272825

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.1	25.7
139	13.8	11.6	17.4



Instrument :
 BNA_N
 ClientSampleId :
 DBKB0DL2

Manual Integrations
 APPROVED

mohammad
 8/20/2021 2:22:26 PM