

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062621\
 Data File : BN015083.D
 Acq On : 25 Jun 2021 18:19
 Operator : CG/JU
 Sample : M2680-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD72

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:25:26 PM

Quant Time: Jun 25 23:10:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 24 14:43:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	155300	20.000	ng/u1	0.00
20) Naphthalene-d8	10.498	136	643777	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	380658	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	757661	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	633915	20.000	ng/u1	0.00
88) Perylene-d12	23.551	264	740510	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	12601	3.157	ng/uL	0.00
4) Pyridine-d5	3.681	84	70368	6.540	ng/u1	0.00
7) Phenol-d5	6.893	99	214889	15.942	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	133919	16.918	ng/u1	0.00
11) 2-Chlorophenol-d4	7.263	132	174040	17.028	ng/u1	0.00
15) 4-Methylphenol-d8	8.416	113	158316	15.218	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	78692	17.869	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	75530	19.254	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	152488	16.469	ng/u1	0.00
31) 4-Chloroaniline-d4	10.634	131	186343	12.986	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	476928	18.246	ng/u1	0.00
49) Acenaphthylene-d8	14.045	160	607092	17.891	ng/u1	0.00
54) 4-Nitrophenol-d4	14.539	143	38136	8.365	ng/u1	0.00
60) Fluorene-d10	15.345	176	428181	18.829	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	21517	6.876	ng/u1	0.00
73) Anthracene-d10	17.198	188	661791	19.084	ng/u1	0.00
81) Pyrene-d10	19.498	212	695394	20.929	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.415	264	693606	18.973	ng/u1	0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.540	105	17740	1.126	ng/u1	98
30) Naphthalene	10.551	128	98365	2.994	ng/u1	98
36) 2-Methylnaphthalene	12.163	142	35157	1.546	ng/u1	92
37) 1-Methylnaphthalene	12.387	142	28253	1.240	ng/u1	98
50) Acenaphthylene	14.075	152	77569	2.423	ng/u1	96
52) Acenaphthene	14.416	153	77262	3.430	ng/u1	96
56) Dibenzofuran	14.751	168	108886	3.442	ng/u1	96
61) Fluorene	15.404	166	114425	4.569	ng/u1	99
72) Phenanthrene	17.145	178	2487608	62.207	ng/u1	99
74) Anthracene	17.233	178	866248	21.101	ng/u1	99
77) Carbazole	17.498	167	362565	9.799	ng/u1	98
80) Fluoranthene	19.169	202	4858083	121.124	ng/u1	99
82) Pyrene	19.533	202	4043300	96.719	ng/u1	99
85) Benzo(a)anthracene	21.286	228	3562824	90.868	ng/u1	94
86) Bis(2-ethylhexyl)phtha...	21.227	149	102048	4.276	ng/u1	97
87) Chrysene	21.339	228	3248356	84.132	ng/u1	96
90) Benzo(b)fluoranthene	22.886	252	4739492	106.285	ng/u1	99
91) Benzo(k)fluoranthene	22.927	252	1498595	33.205	ng/u1	99
93) Benzo(a)pyrene	23.462	252	3609274	89.050	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	25.821	276	2329045	47.364	ng/u1	94
95) Dibenzo(a,h)anthracene	25.827	278	622597m	15.276	ng/u1	
96) Benzo(g,h,i)perylene	26.515	276	1775116	41.761	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062621\
Data File : BN015083.D
Acq On : 25 Jun 2021 18:19
Operator : CG/JU
Sample : M2680-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGD72

Manual Integrations
APPROVED

mohammad
6/28/2021 1:25:26 PM

Quant Time: Jun 25 23:10:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

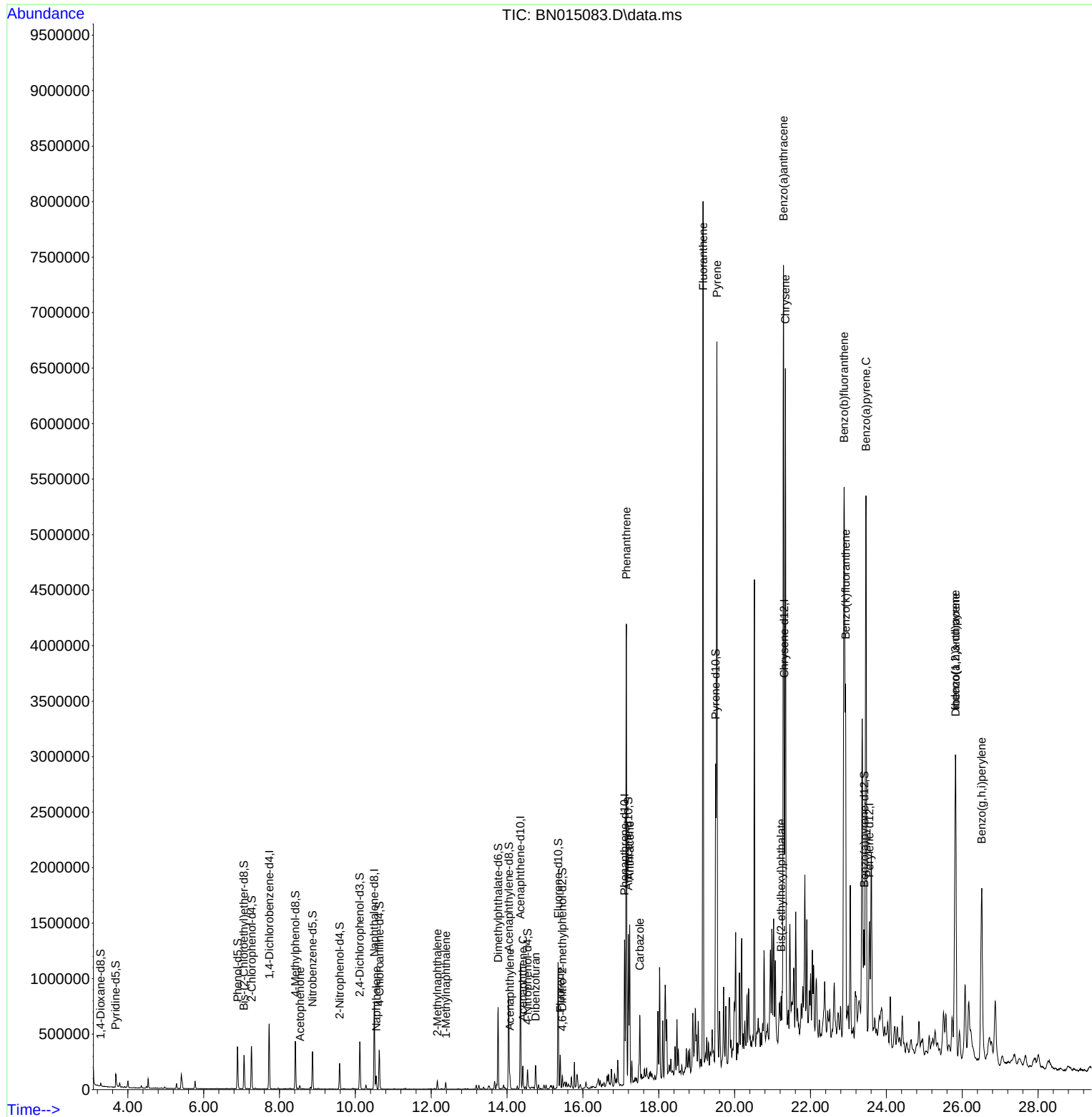
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062621\
Data File : BN015083.D
Acq On : 25 Jun 2021 18:19
Operator : CG/JU
Sample : M2680-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

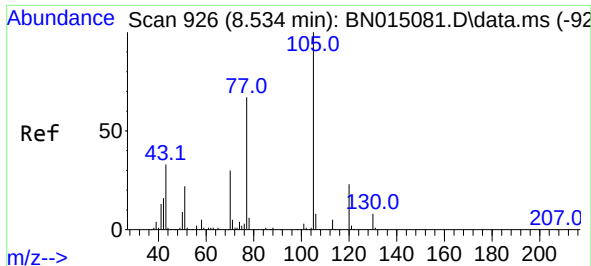
Instrument :
BNA_N
ClientSampleId :
BGD72

Quant Time: Jun 25 23:10:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

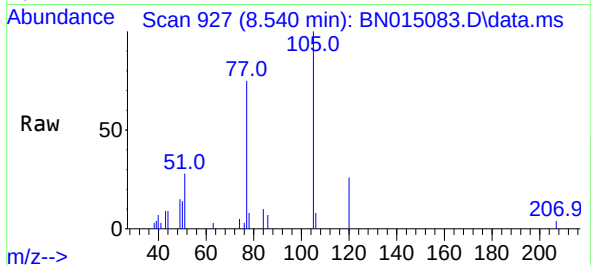
mohammad
6/28/2021 1:25:26 PM





#16
Acetophenone
Concen: 1.126 ng/ul
RT: 8.540 min Scan# 927
Delta R.T. 0.000 min
Lab File: BN015083.D
Acq: 25 Jun 2021 18:19

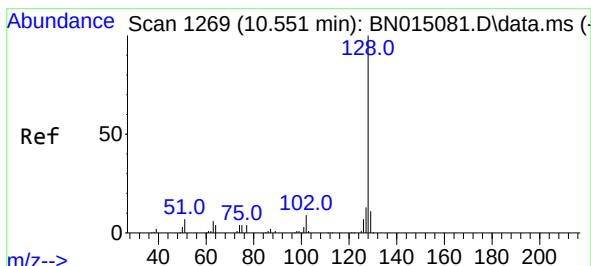
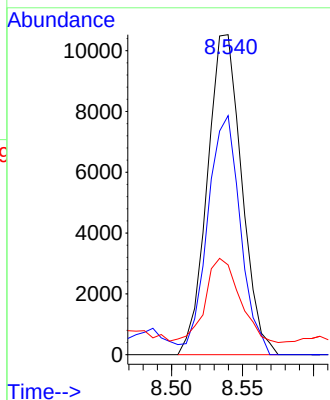
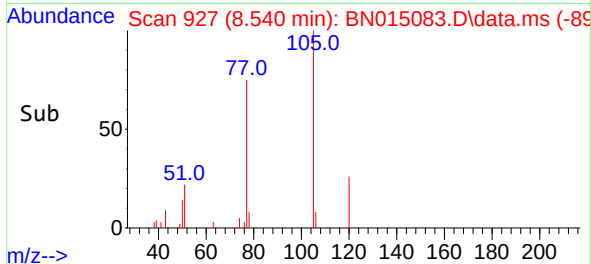
Instrument :
BNA_N
ClientSampled :
BGD72



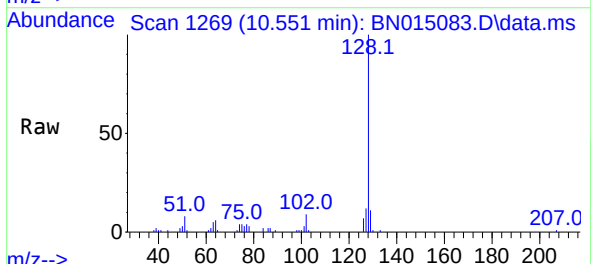
Tgt Ion:105 Resp: 17740
Ion Ratio Lower Upper
105 100
77 74.7 59.9 89.9
51 28.0 20.0 30.0

Manual Integrations
APPROVED

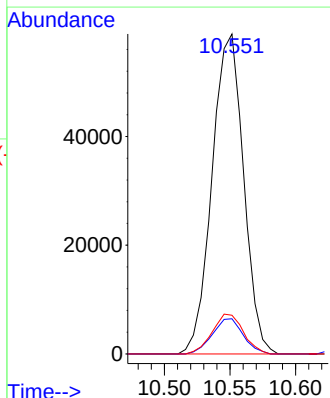
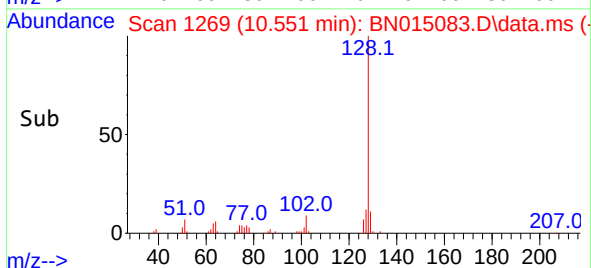
mohammad
6/28/2021 1:25:26 PM

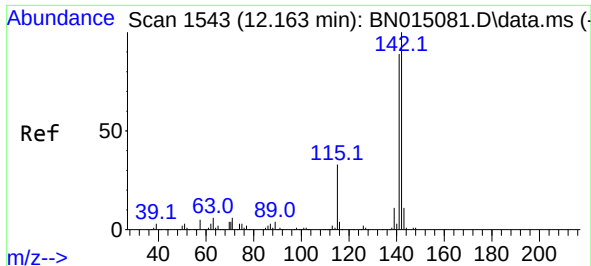


#30
Naphthalene
Concen: 2.994 ng/ul
RT: 10.551 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BN015083.D
Acq: 25 Jun 2021 18:19



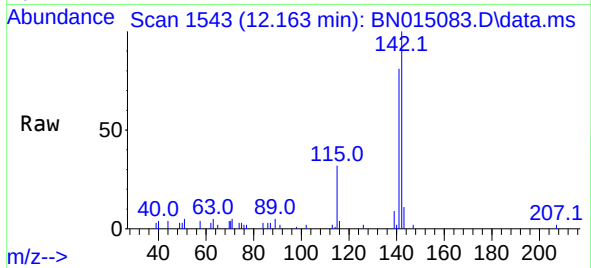
Tgt Ion:128 Resp: 98365
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.1 10.6 16.0





#36
2-Methylnaphthalene
Concen: 1.546 ng/ul
RT: 12.163 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BN015083.D
Acq: 25 Jun 2021 18:19

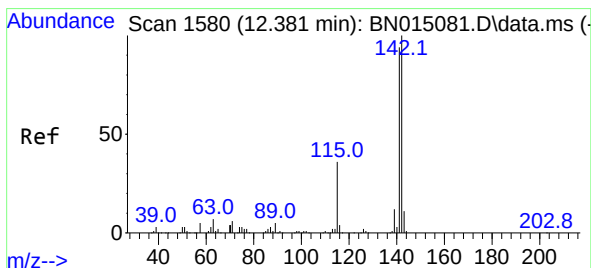
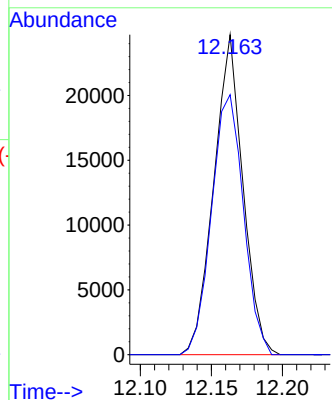
Instrument :
BNA_N
ClientSampled :
BGD72



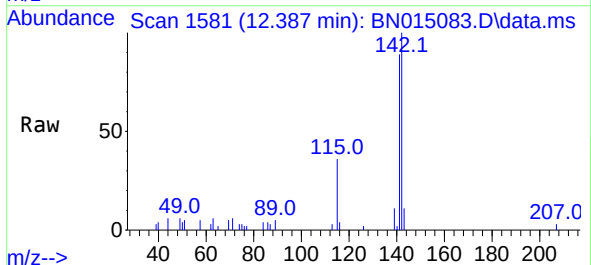
Tgt Ion:142 Resp: 35157
Ion Ratio Lower Upper
142 100
141 81.3 71.0 106.6

Manual Integrations
APPROVED

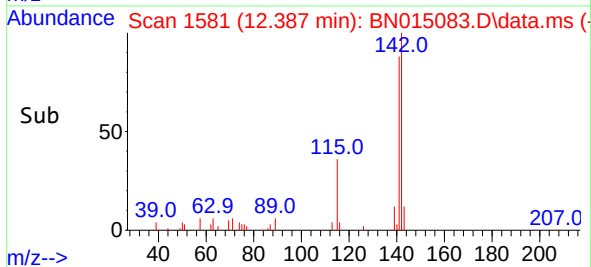
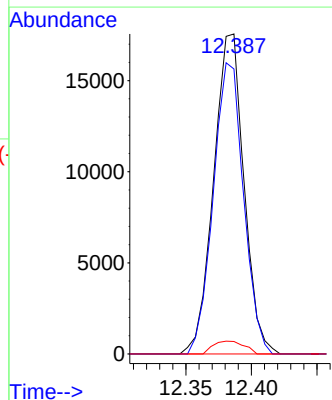
mohammad
6/28/2021 1:25:26 PM

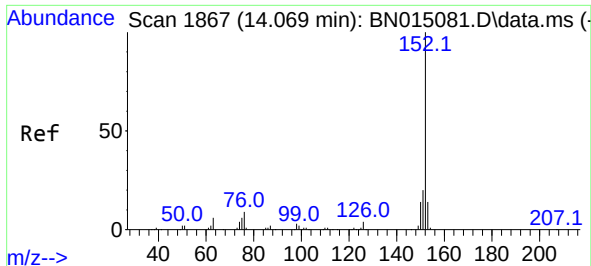


#37
1-Methylnaphthalene
Concen: 1.240 ng/ul
RT: 12.387 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN015083.D
Acq: 25 Jun 2021 18:19



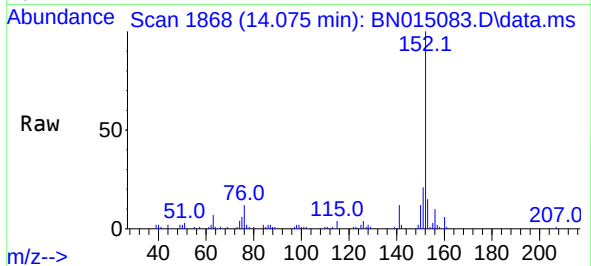
Tgt Ion:142 Resp: 28253
Ion Ratio Lower Upper
142 100
141 89.1 69.6 104.4
116 3.9 3.0 4.6





#50
Acenaphthylene
Concen: 2.423 ng/u1
RT: 14.075 min Scan# 1868
Delta R.T. 0.000 min
Lab File: BN015083.D
Acq: 25 Jun 2021 18:19

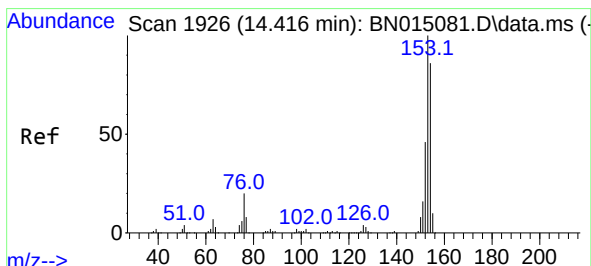
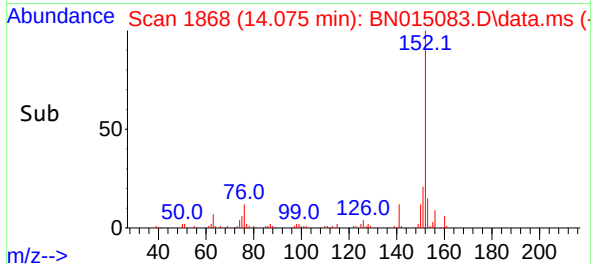
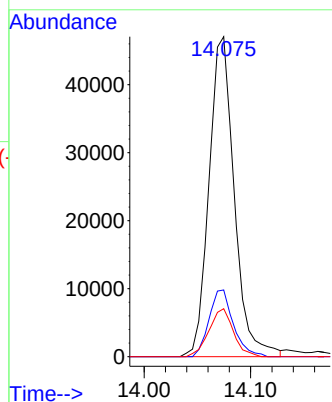
Instrument :
BNA_N
ClientSampled :
BGD72



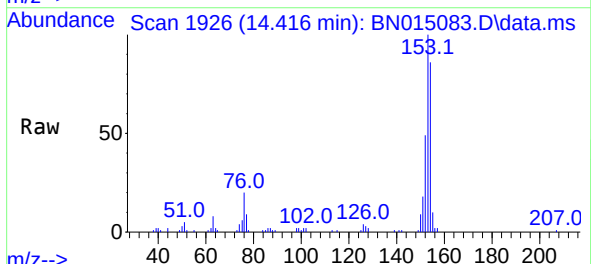
Tgt Ion:152 Resp: 77569
Ion Ratio Lower Upper
152 100
151 20.8 15.9 23.9
153 15.0 10.0 15.0

Manual Integrations
APPROVED

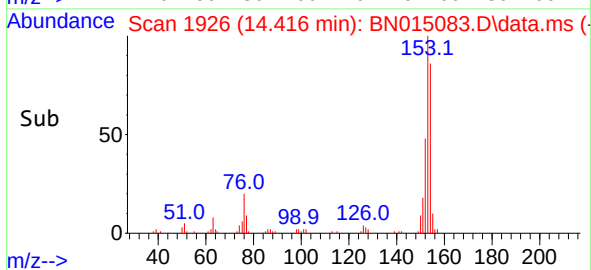
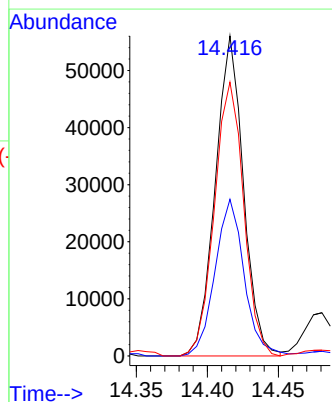
mohammad
6/28/2021 1:25:26 PM

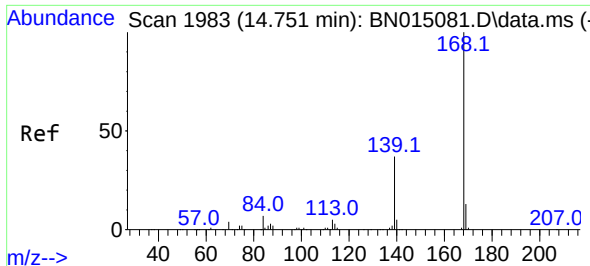


#52
Acenaphthene
Concen: 3.430 ng/u1
RT: 14.416 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BN015083.D
Acq: 25 Jun 2021 18:19



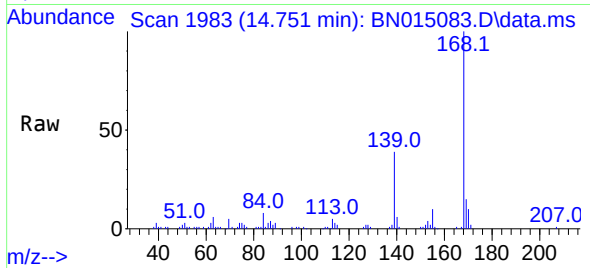
Tgt Ion:153 Resp: 77262
Ion Ratio Lower Upper
153 100
152 49.0 37.6 56.4
154 85.6 71.6 107.4





#56
Dibenzofuran
Concen: 3.442 ng/ul
RT: 14.751 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BN015083.D
Acq: 25 Jun 2021 18:19

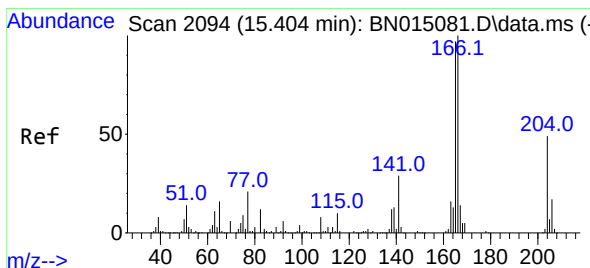
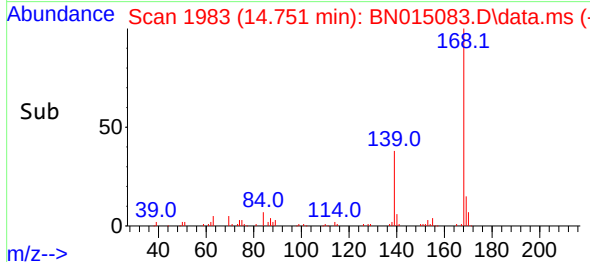
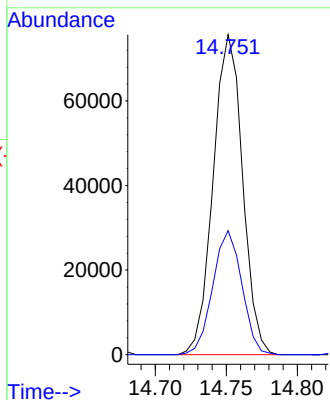
Instrument :
BNA_N
ClientSampled :
BGD72



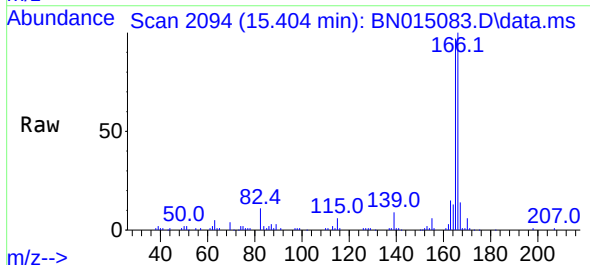
Tgt Ion:168 Resp: 108886
Ion Ratio Lower Upper
168 100
139 38.7 29.0 43.4

Manual Integrations
APPROVED

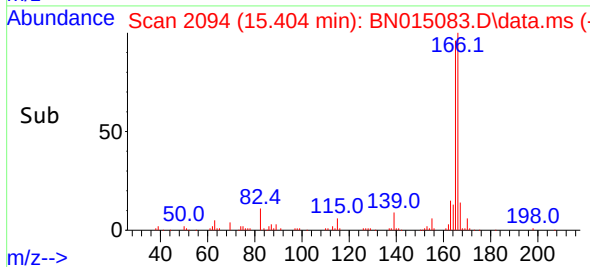
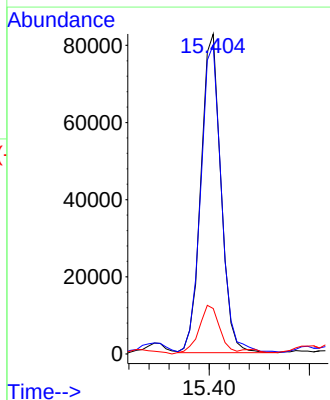
mohammad
6/28/2021 1:25:26 PM

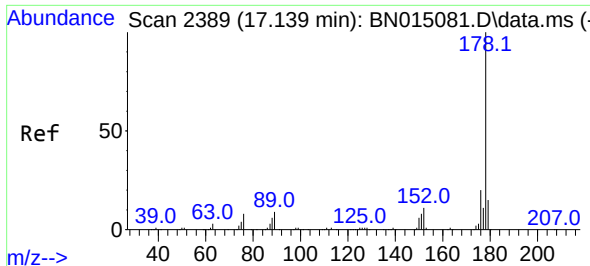


#61
Fluorene
Concen: 4.569 ng/ul
RT: 15.404 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN015083.D
Acq: 25 Jun 2021 18:19



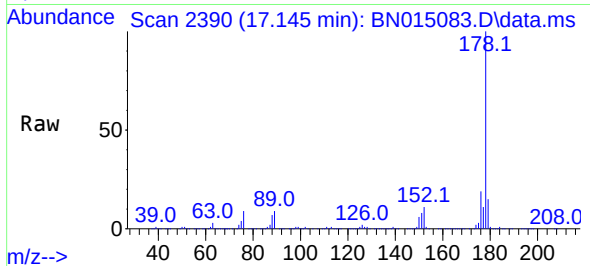
Tgt Ion:166 Resp: 114425
Ion Ratio Lower Upper
166 100
165 96.6 78.2 117.4
167 14.2 11.0 16.4





#72
Phenanthrene
Concen: 62.207 ng/u1
RT: 17.145 min Scan# 2390
Delta R.T. 0.006 min
Lab File: BN015083.D
Acq: 25 Jun 2021 18:19

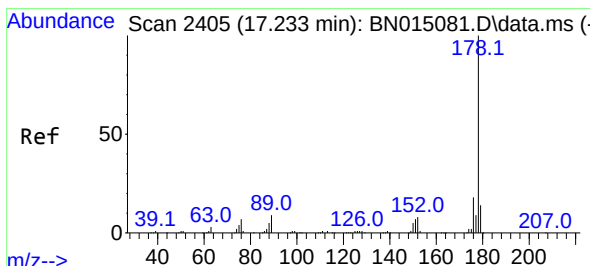
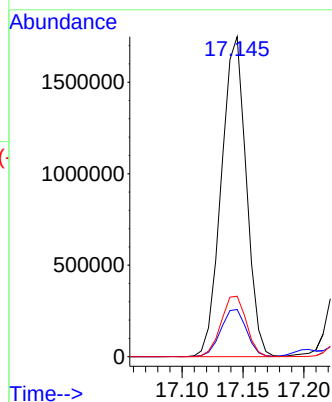
Instrument :
BNA_N
ClientSampled :
BGD72



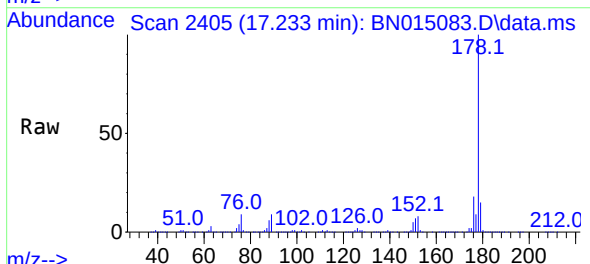
Tgt Ion:178 Resp: 2487608
Ion Ratio Lower Upper
178 100
179 14.8 12.2 18.2
176 18.9 15.4 23.2

Manual Integrations
APPROVED

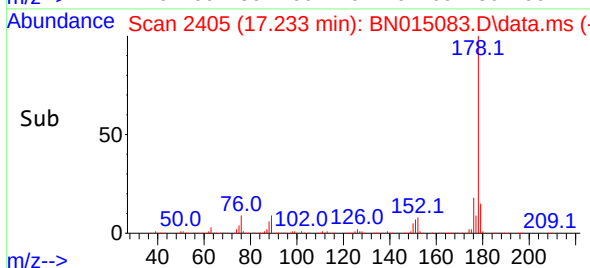
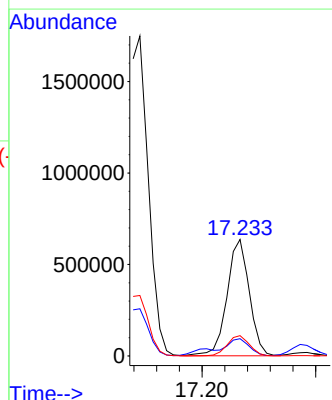
mohammad
6/28/2021 1:25:26 PM

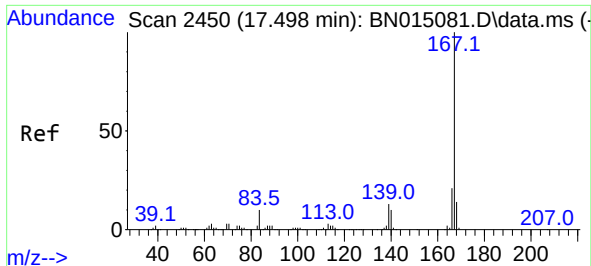


#74
Anthracene
Concen: 21.101 ng/u1
RT: 17.233 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BN015083.D
Acq: 25 Jun 2021 18:19



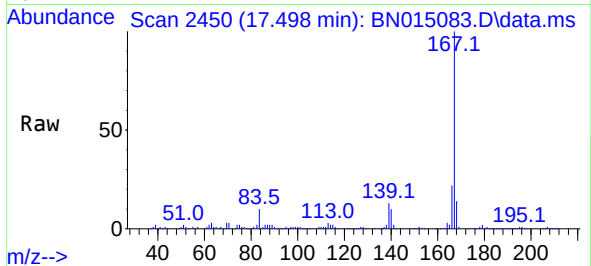
Tgt Ion:178 Resp: 866248
Ion Ratio Lower Upper
178 100
179 14.9 11.6 17.4
176 17.5 14.6 21.8





#77
 Carbazole
 Concen: 9.799 ng/ul
 RT: 17.498 min Scan# 2450
 Delta R.T. 0.000 min
 Lab File: BN015083.D
 Acq: 25 Jun 2021 18:19

Instrument :
 BNA_N
 ClientSampled :
 BGD72

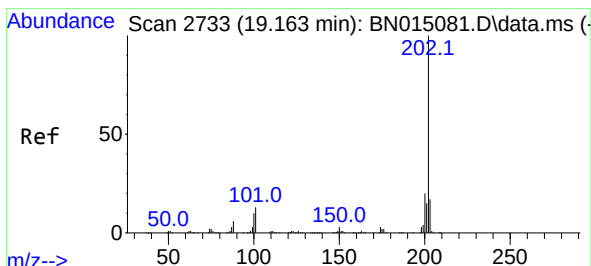
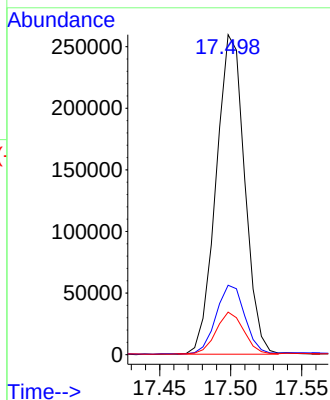
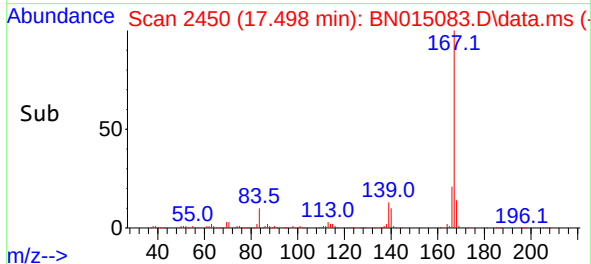


Tgt Ion:167 Resp: 362565

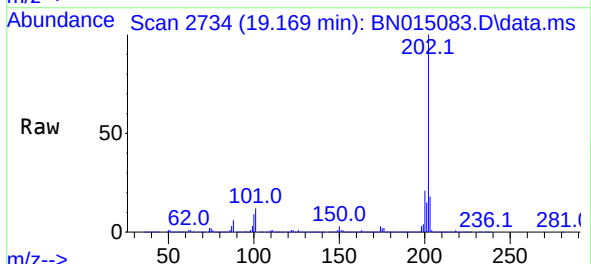
Ion	Ratio	Lower	Upper
167	100		
166	21.7	16.4	24.6
139	13.3	10.0	15.0

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:25:26 PM

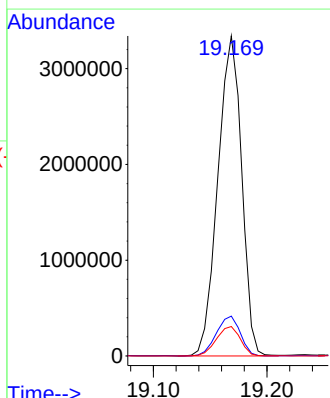
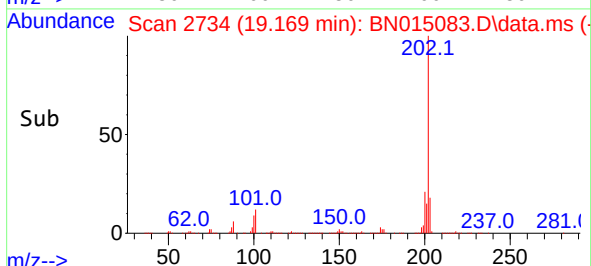


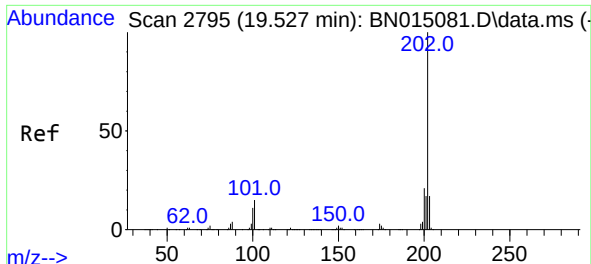
#80
 Fluoranthene
 Concen: 121.124 ng/ul
 RT: 19.169 min Scan# 2734
 Delta R.T. 0.006 min
 Lab File: BN015083.D
 Acq: 25 Jun 2021 18:19



Tgt Ion:202 Resp: 4858083

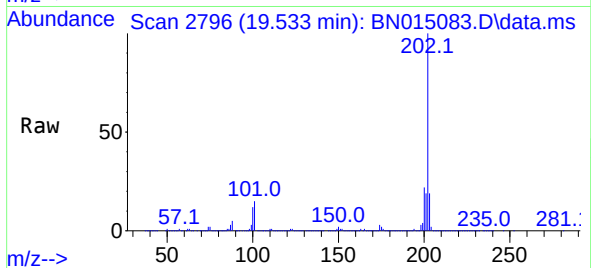
Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.5	14.3
100	9.2	7.4	11.2





#82
Pyrene
Concen: 96.719 ng/ul
RT: 19.533 min Scan# 2796
Delta R.T. 0.006 min
Lab File: BN015083.D
Acq: 25 Jun 2021 18:19

Instrument :
BNA_N
ClientSampled :
BGD72

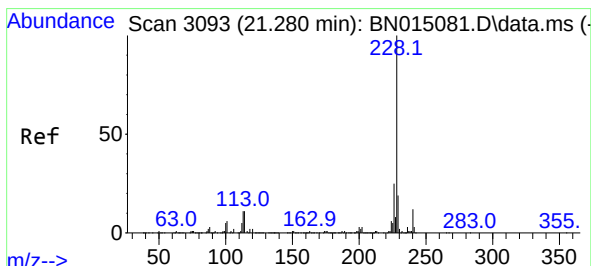
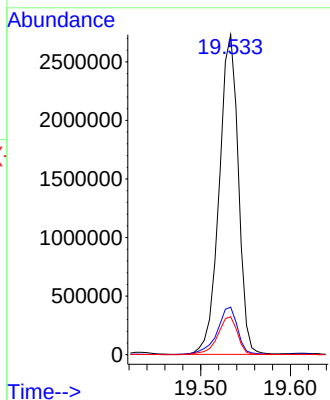
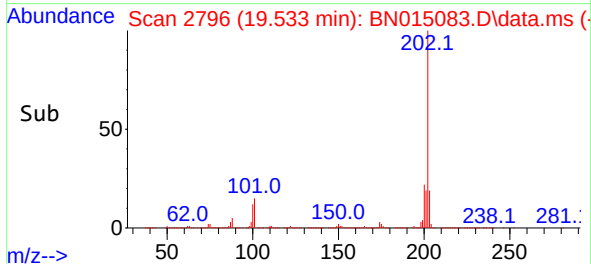


Tgt Ion:202 Resp: 4043300

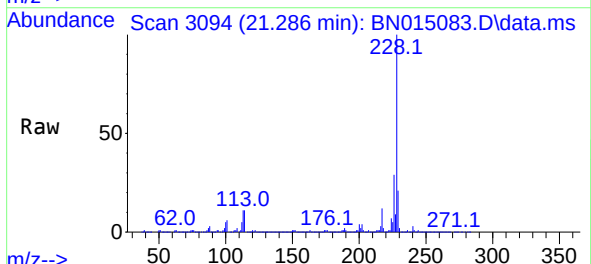
Ion	Ratio	Lower	Upper
202	100		
101	14.8	11.6	17.4
100	11.9	9.2	13.8

Manual Integrations
APPROVED

mohammad
6/28/2021 1:25:26 PM

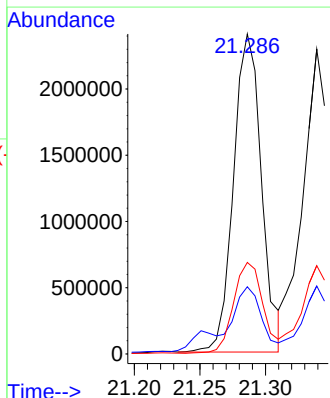
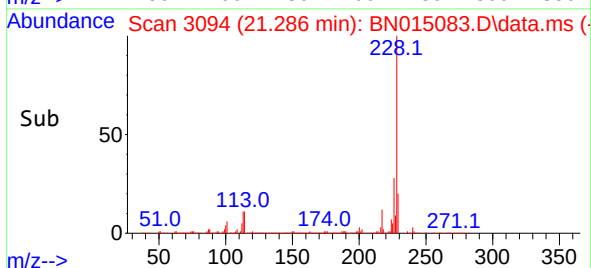


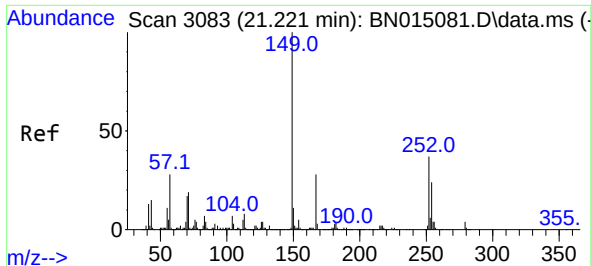
#85
Benzo(a)anthracene
Concen: 90.868 ng/ul
RT: 21.286 min Scan# 3094
Delta R.T. 0.000 min
Lab File: BN015083.D
Acq: 25 Jun 2021 18:19



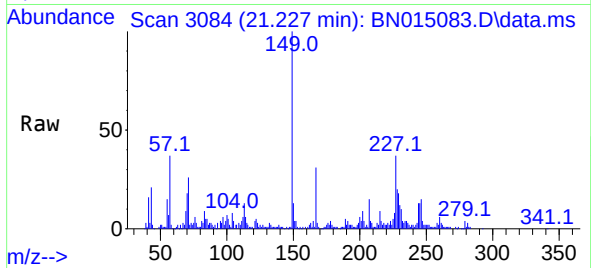
Tgt Ion:228 Resp: 3562824

Ion	Ratio	Lower	Upper
228	100		
229	21.0	14.8	22.2
226	28.6	20.2	30.4

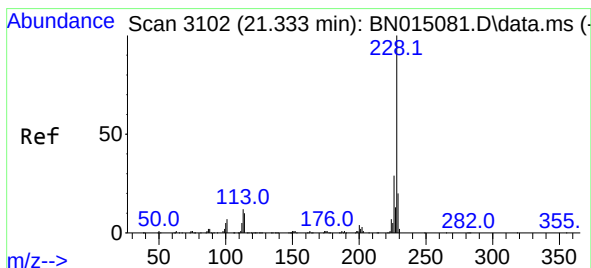
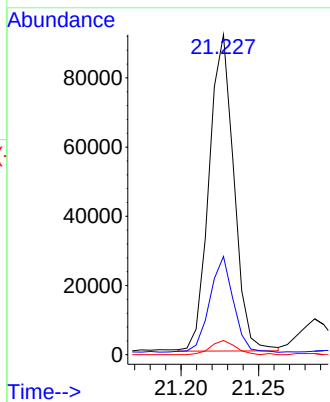
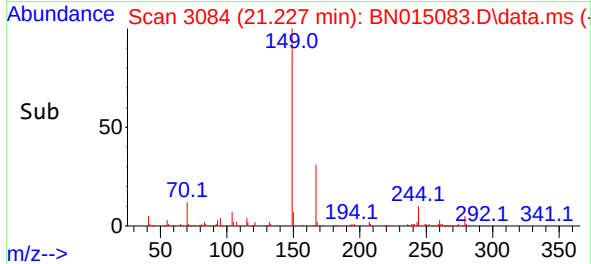




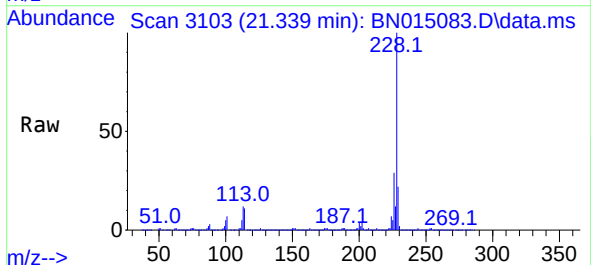
#86
Bis(2-ethylhexyl)phthalate
Concen: 4.276 ng/ul
RT: 21.227 min Scan# 3084
Delta R.T. -0.000 min
Lab File: BN015083.D
Acq: 25 Jun 2021 18:19



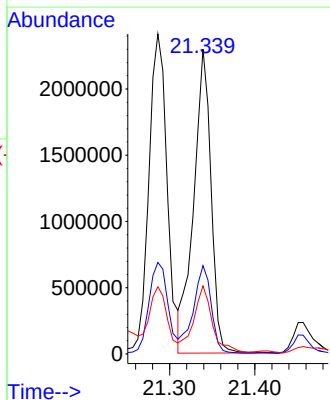
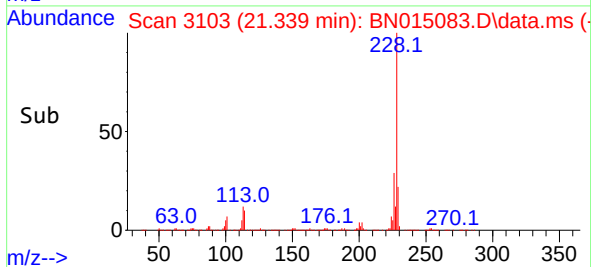
Tgt Ion:149 Resp: 102048
Ion Ratio Lower Upper
149 100
167 30.7 23.4 35.0
279 4.4 3.4 5.2



#87
Chrysene
Concen: 84.132 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BN015083.D
Acq: 25 Jun 2021 18:19



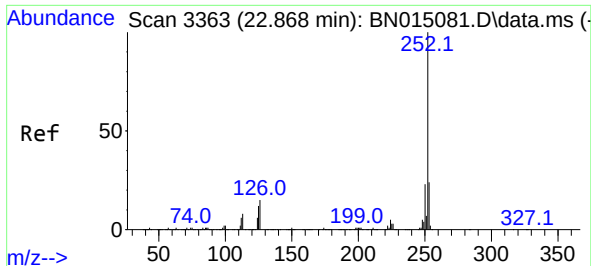
Tgt Ion:228 Resp: 3248356
Ion Ratio Lower Upper
228 100
226 29.0 22.6 33.8
229 22.3 15.5 23.3



Instrument :
BNA_N
ClientSampleId :
BGD72

Manual Integrations
APPROVED

mohammad
6/28/2021 1:25:26 PM



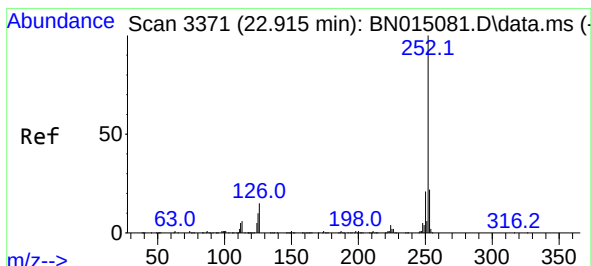
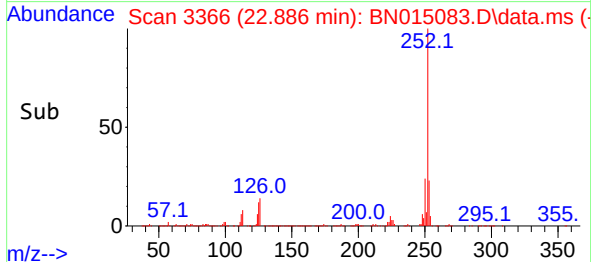
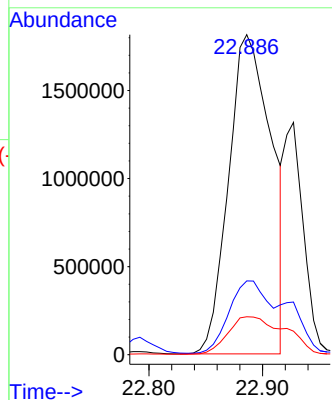
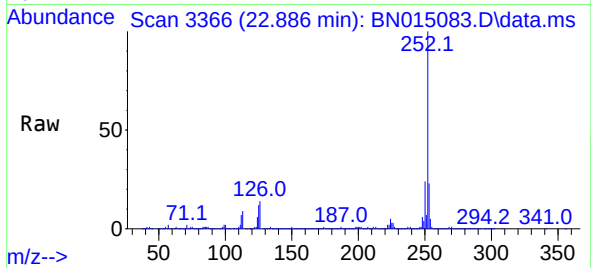
#90
Benzo(b)fluoranthene
Concen: 106.285 ng/u1
RT: 22.886 min Scan# 3366
Delta R.T. 0.018 min
Lab File: BN015083.D
Acq: 25 Jun 2021 18:19

Tgt Ion:252 Resp: 4739492
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 11.8 9.4 14.0

Instrument :
BNA_N
ClientSampleId :
BGD72

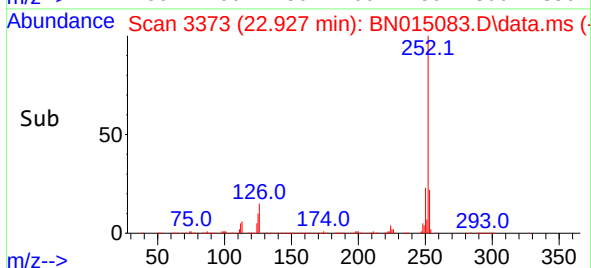
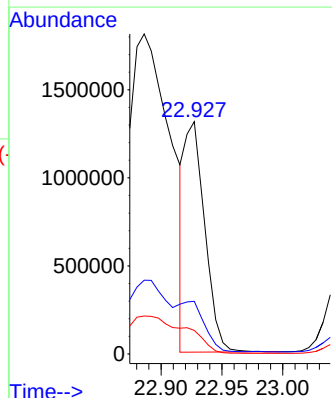
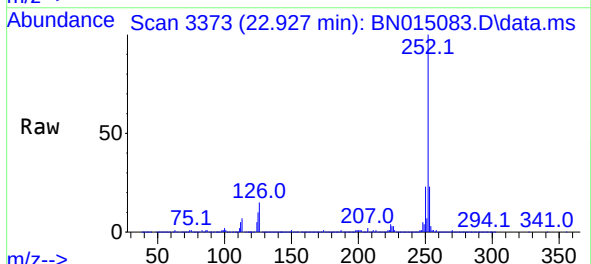
Manual Integrations
APPROVED

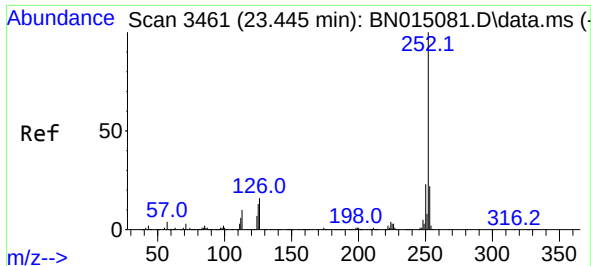
mohammad
6/28/2021 1:25:26 PM



#91
Benzo(k)fluoranthene
Concen: 33.205 ng/u1
RT: 22.927 min Scan# 3373
Delta R.T. 0.012 min
Lab File: BN015083.D
Acq: 25 Jun 2021 18:19

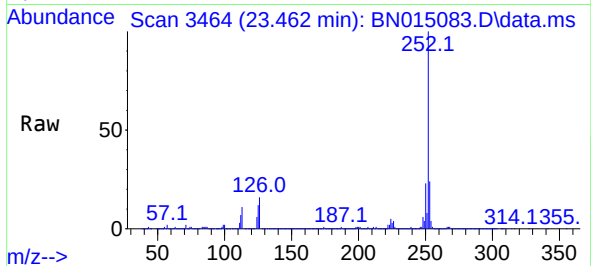
Tgt Ion:252 Resp: 1498595
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 10.1 8.8 13.2





#93
Benzo(a)pyrene
Concen: 89.050 ng/ul
RT: 23.462 min Scan# 3464
Delta R.T. 0.018 min
Lab File: BN015083.D
Acq: 25 Jun 2021 18:19

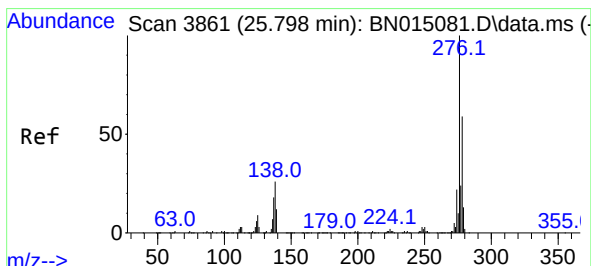
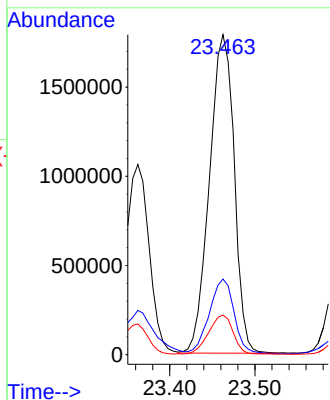
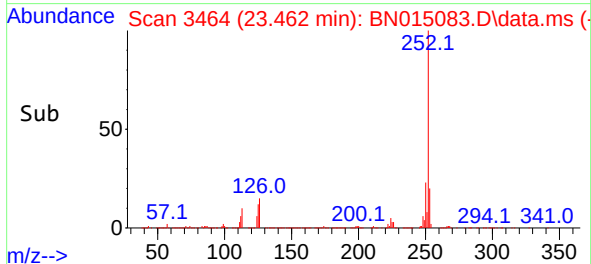
Instrument :
BNA_N
ClientSampled :
BGD72



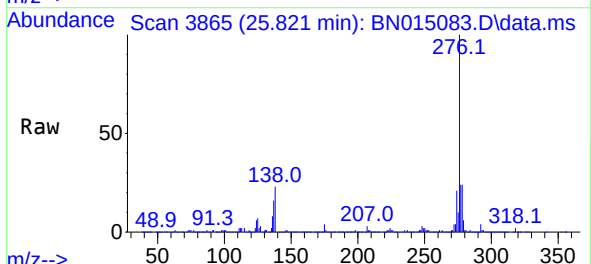
Tgt Ion:252 Resp: 3609274
Ion Ratio Lower Upper
252 100
253 23.6 16.4 24.6
125 12.4 9.3 13.9

Manual Integrations
APPROVED

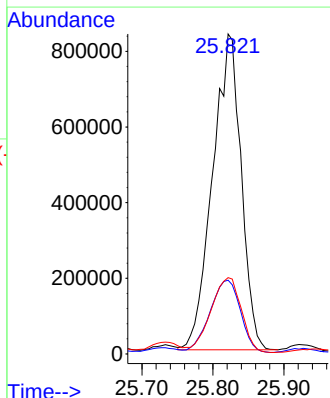
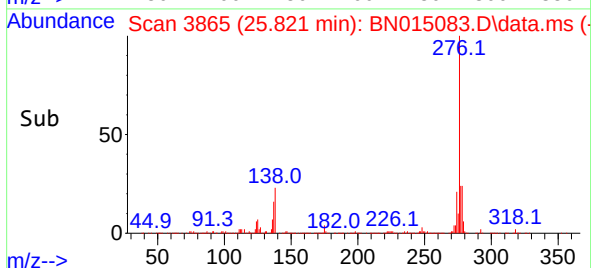
mohammad
6/28/2021 1:25:26 PM

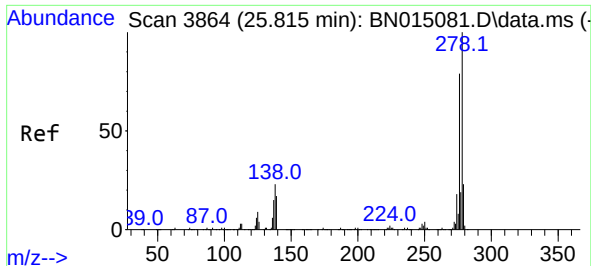


#94
Indeno(1,2,3-cd)pyrene
Concen: 47.364 ng/ul
RT: 25.821 min Scan# 3865
Delta R.T. 0.018 min
Lab File: BN015083.D
Acq: 25 Jun 2021 18:19



Tgt Ion:276 Resp: 2329045
Ion Ratio Lower Upper
276 100
138 23.0 23.0 34.4
277 23.9 19.5 29.3





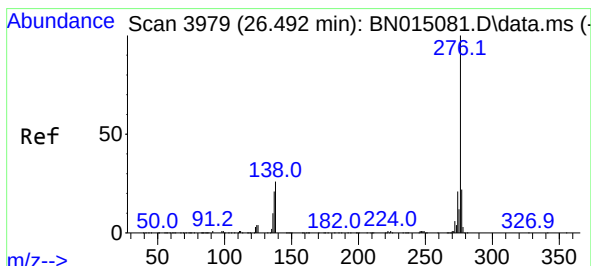
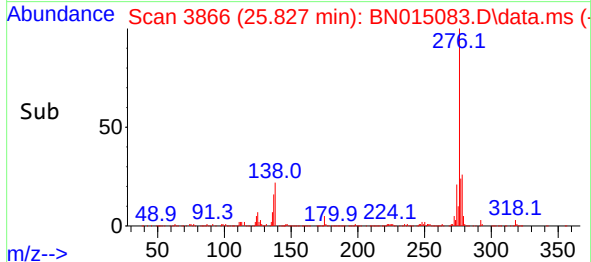
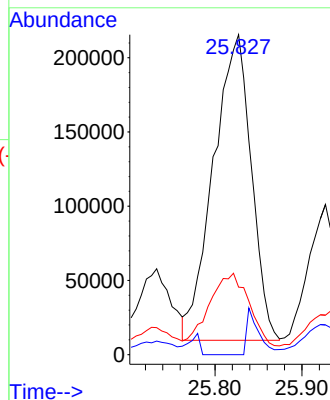
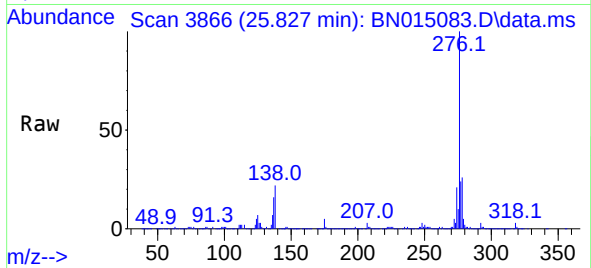
#95
Dibenzo(a,h)anthracene
Concen: 15.276 ng/ul m
RT: 25.827 min Scan# 3866
Delta R.T. 0.006 min
Lab File: BN015083.D
Acq: 25 Jun 2021 18:19

Tgt Ion:278 Resp: 622597
Ion Ratio Lower Upper
278 100
139 0.0 14.8 22.2#
279 21.1 20.2 30.4

Instrument :
BNA_N
ClientSampleId :
BGD72

Manual Integrations
APPROVED

mohammad
6/28/2021 1:25:26 PM



#96
Benzo(g,h,i)perylene
Concen: 41.761 ng/ul
RT: 26.515 min Scan# 3983
Delta R.T. 0.018 min
Lab File: BN015083.D
Acq: 25 Jun 2021 18:19

Tgt Ion:276 Resp: 1775116
Ion Ratio Lower Upper
276 100
138 23.7 19.4 29.2
277 24.3 18.4 27.6

