

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062621\
 Data File : BN015102.D
 Acq On : 26 Jun 2021 06:15
 Operator : CG/JU
 Sample : M2704-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD86

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:25:45 PM

Quant Time: Jun 26 07:05:15 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	167758	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	687364	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	412905	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	827919	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	807107	20.000	ng/u1	0.00
88) Perylene-d12	23.539	264	819748	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	14129m	3.277	ng/uL	0.00
4) Pyridine-d5	3.681	84	85439	7.351	ng/u1	0.00
7) Phenol-d5	6.893	99	257570	17.690	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	155605	18.197	ng/u1	0.00
11) 2-Chlorophenol-d4	7.258	132	207532	18.797	ng/u1	0.00
15) 4-Methylphenol-d8	8.416	113	190998	16.996	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	100310	21.334	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	95539	22.811	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	183718	18.584	ng/u1	0.00
31) 4-Chloroaniline-d4	10.628	131	254011	16.580	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	590025	20.810	ng/u1	0.00
49) Acenaphthylene-d8	14.040	160	753373	20.468	ng/u1	0.00
54) 4-Nitrophenol-d4	14.539	143	66148	13.375	ng/u1	0.00
60) Fluorene-d10	15.345	176	523551	21.225	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	35707	10.443	ng/u1	0.00
73) Anthracene-d10	17.198	188	803064	21.192	ng/u1	0.00
81) Pyrene-d10	19.492	212	904462	21.380	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.398	264	909156	22.466	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.139	178	108048	2.473	ng/u1	99
80) Fluoranthene	19.163	202	172024	3.369	ng/u1	98
82) Pyrene	19.522	202	154690	2.906	ng/u1	96
85) Benzo(a)anthracene	21.274	228	93953	1.882	ng/u1#	91
86) Bis(2-ethylhexyl)phtha...	21.221	149	101444	3.339	ng/u1	98
87) Chrysene	21.327	228	78992	1.607	ng/u1	96
90) Benzo(b)fluoranthene	22.868	252	100318	2.032	ng/u1#	92
93) Benzo(a)pyrene	23.439	252	68224	1.521	ng/u1#	80

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

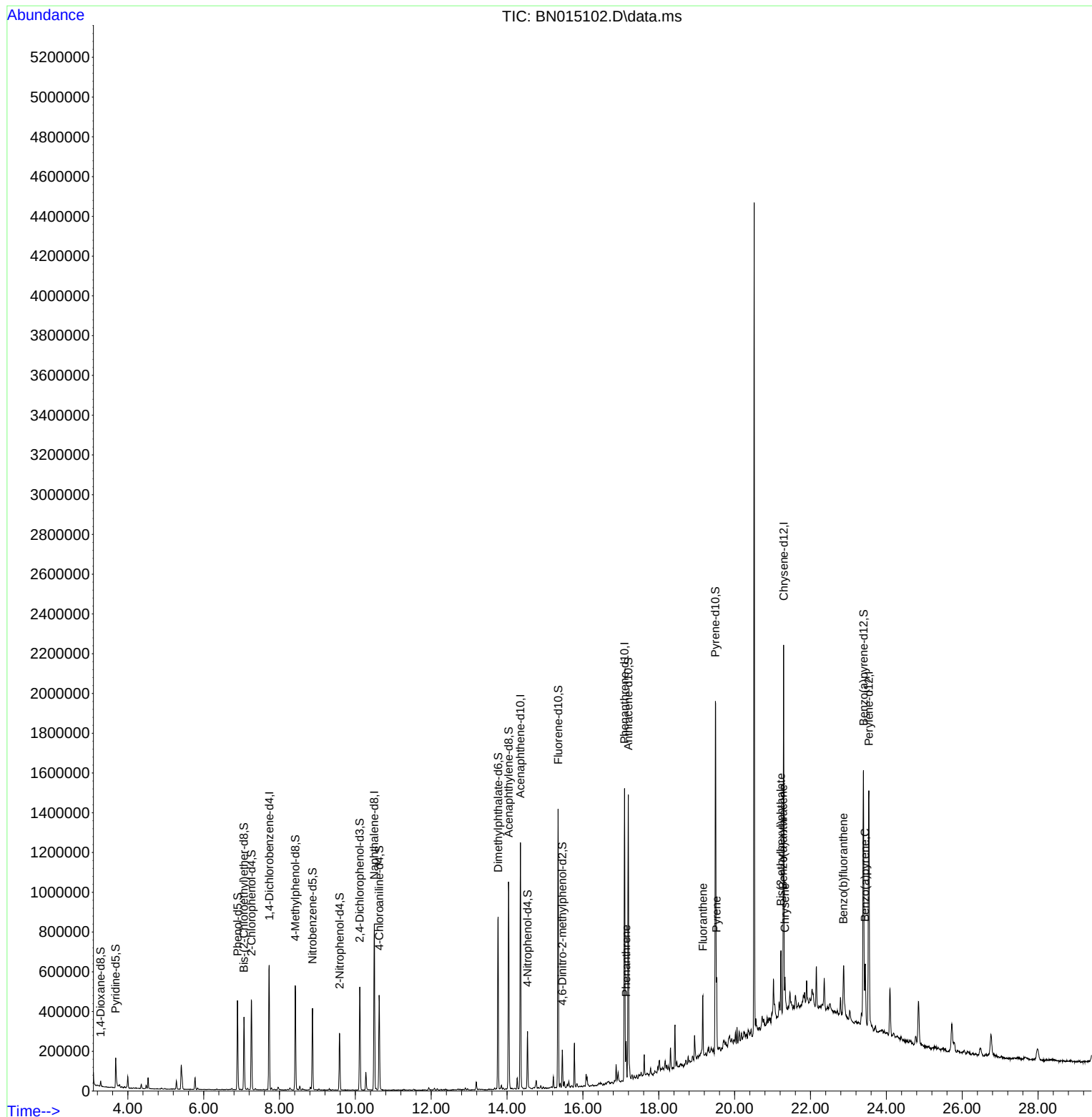
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062621\
Data File : BN015102.D
Acq On : 26 Jun 2021 06:15
Operator : CG/JU
Sample : M2704-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

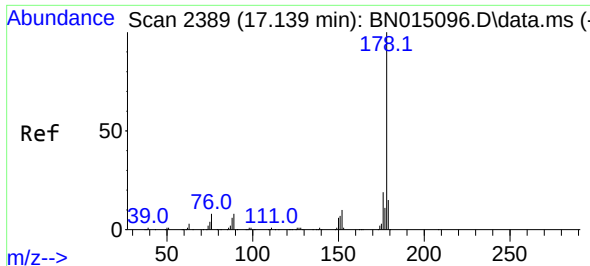
Instrument :
BNA_N
ClientSampleId :
BGD86

Manual Integrations
APPROVED

mohammad
6/28/2021 1:25:45 PM

Quant Time: Jun 26 07:05:15 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





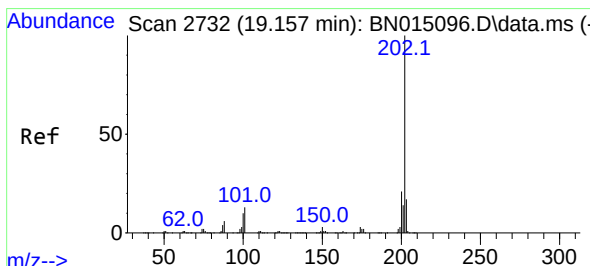
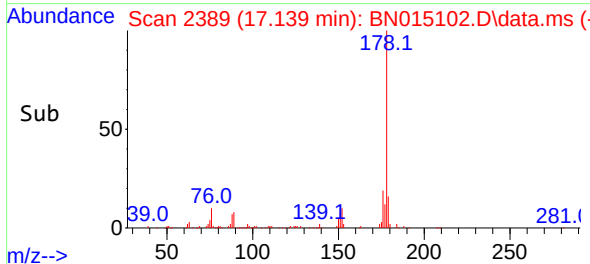
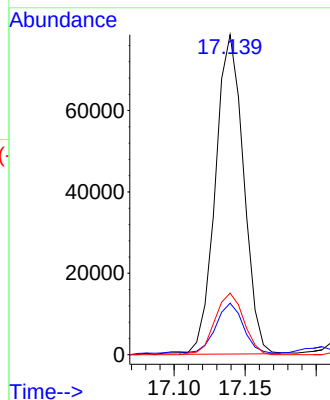
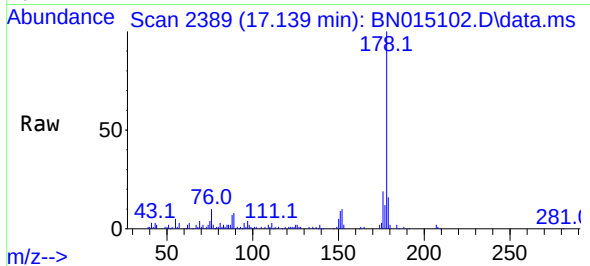
#72
Phenanthrene
Concen: 2.473 ng/ul
RT: 17.139 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN015102.D
Acq: 26 Jun 2021 06:15

Tgt Ion:178 Resp: 108048
Ion Ratio Lower Upper
178 100
179 16.1 12.2 18.2
176 19.2 15.4 23.2

Instrument :
BNA_N
ClientSampled :
BGD86

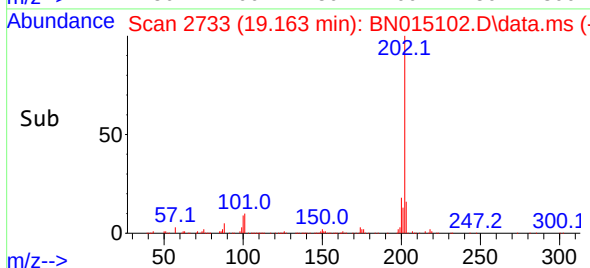
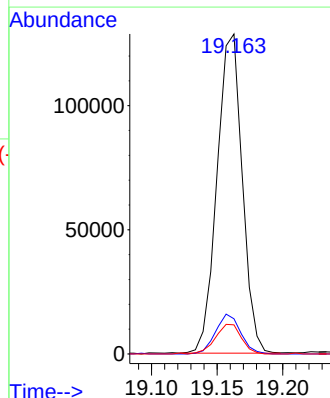
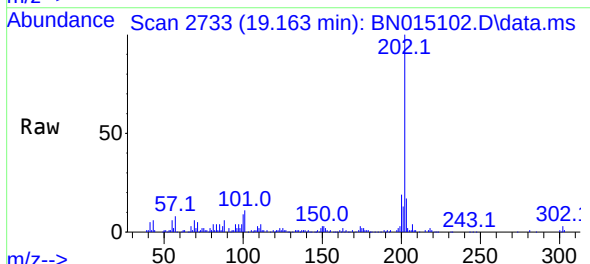
Manual Integrations
APPROVED

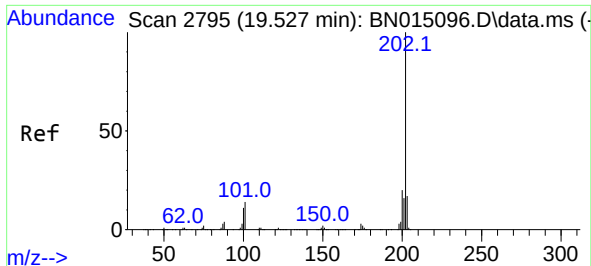
mohammad
6/28/2021 1:25:45 PM



#80
Fluoranthene
Concen: 3.369 ng/ul
RT: 19.163 min Scan# 2733
Delta R.T. 0.000 min
Lab File: BN015102.D
Acq: 26 Jun 2021 06:15

Tgt Ion:202 Resp: 172024
Ion Ratio Lower Upper
202 100
101 11.0 9.5 14.3
100 9.1 7.4 11.2





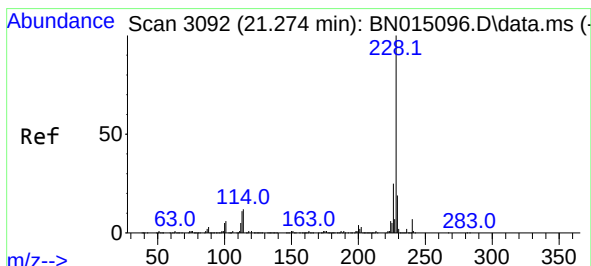
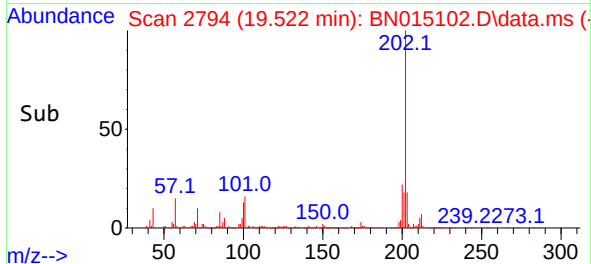
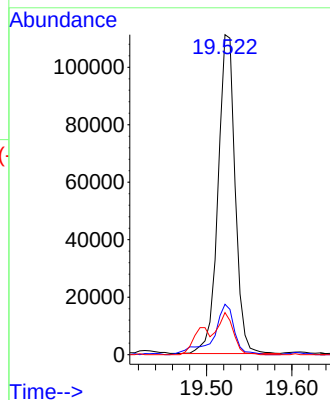
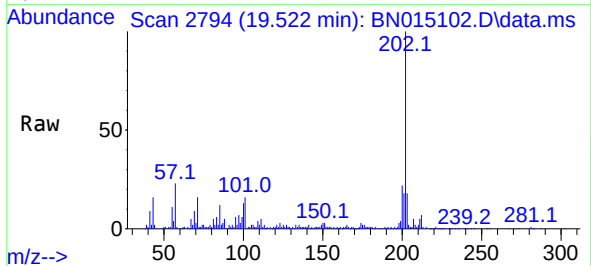
#82
Pyrene
Concen: 2.906 ng/u1
RT: 19.522 min Scan# 2794
Delta R.T. -0.006 min
Lab File: BN015102.D
Acq: 26 Jun 2021 06:15

Tgt Ion:202 Resp: 154690
Ion Ratio Lower Upper
202 100
101 15.7 11.6 17.4
100 13.1 9.2 13.8

Instrument :
BNA_N
ClientSampled :
BGD86

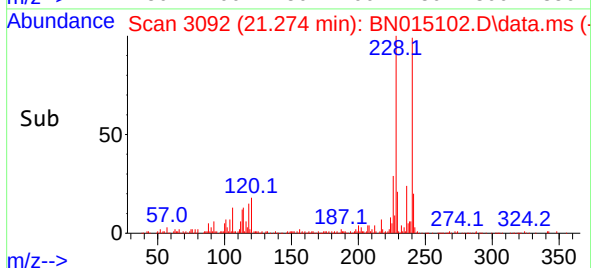
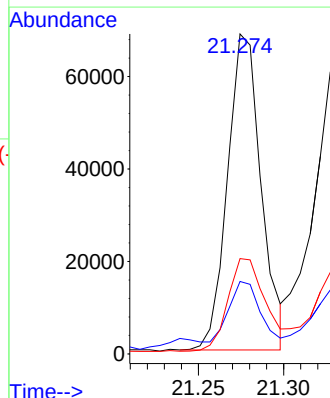
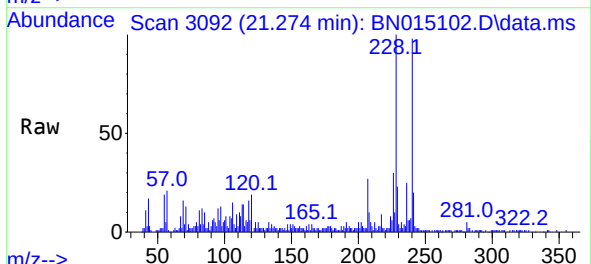
Manual Integrations
APPROVED

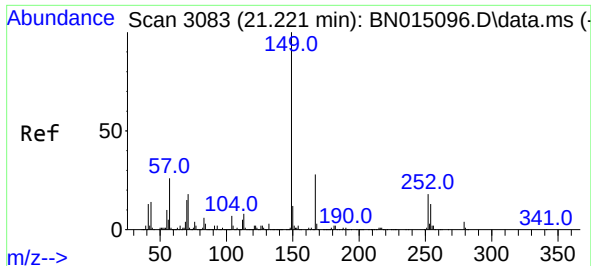
mohammad
6/28/2021 1:25:45 PM



#85
Benzo(a)anthracene
Concen: 1.882 ng/u1
RT: 21.274 min Scan# 3092
Delta R.T. -0.012 min
Lab File: BN015102.D
Acq: 26 Jun 2021 06:15

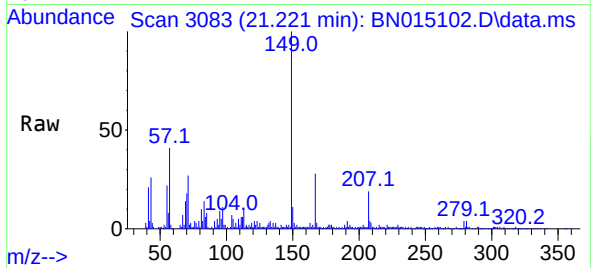
Tgt Ion:228 Resp: 93953
Ion Ratio Lower Upper
228 100
229 22.7 14.8 22.2#
226 29.8 20.2 30.4





#86
Bis(2-ethylhexyl)phthalate
Concen: 3.339 ng/ul
RT: 21.221 min Scan# 3083
Delta R.T. -0.006 min
Lab File: BN015102.D
Acq: 26 Jun 2021 06:15

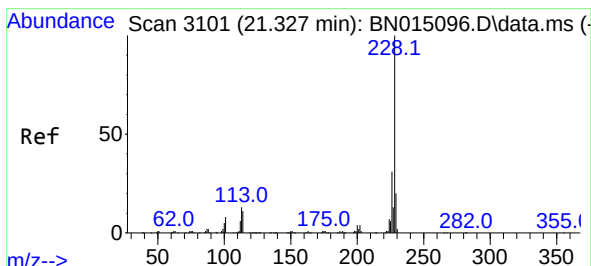
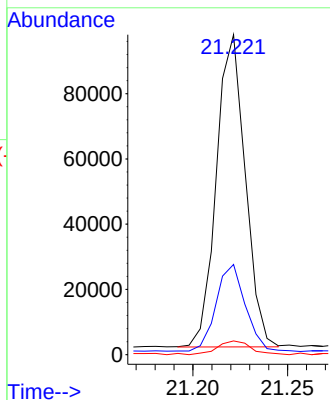
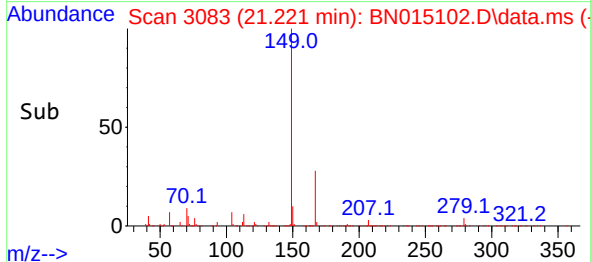
Instrument :
BNA_N
ClientSampled :
BGD86



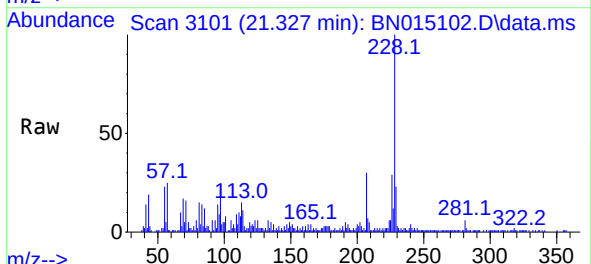
Tgt Ion:149 Resp: 101444
Ion Ratio Lower Upper
149 100
167 28.2 23.4 35.0
279 4.3 3.4 5.2

Manual Integrations
APPROVED

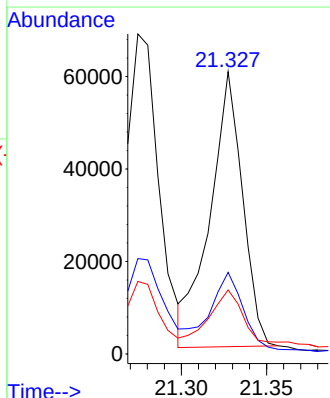
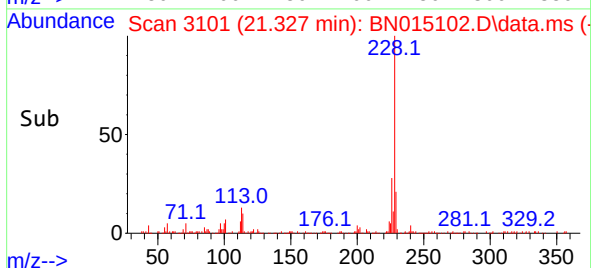
mohammad
6/28/2021 1:25:45 PM

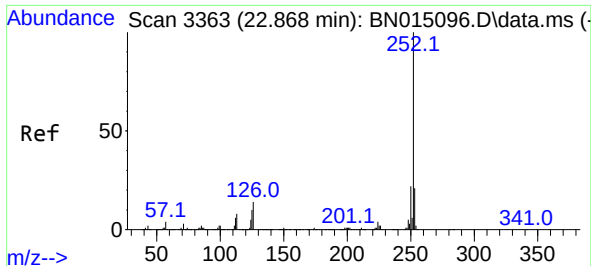


#87
Chrysene
Concen: 1.607 ng/ul
RT: 21.327 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BN015102.D
Acq: 26 Jun 2021 06:15



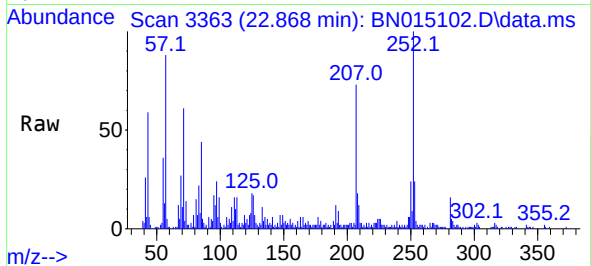
Tgt Ion:228 Resp: 78992
Ion Ratio Lower Upper
228 100
226 28.9 22.6 33.8
229 22.7 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 2.032 ng/u1
RT: 22.868 min Scan# 3363
Delta R.T. 0.000 min
Lab File: BN015102.D
Acq: 26 Jun 2021 06:15

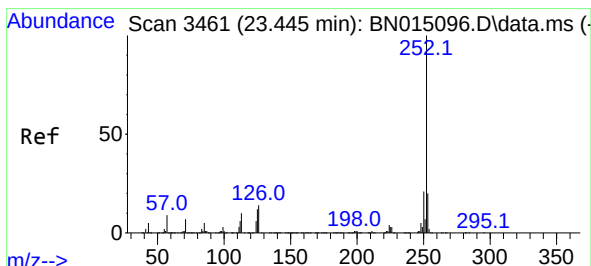
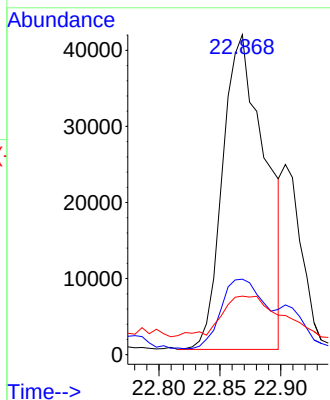
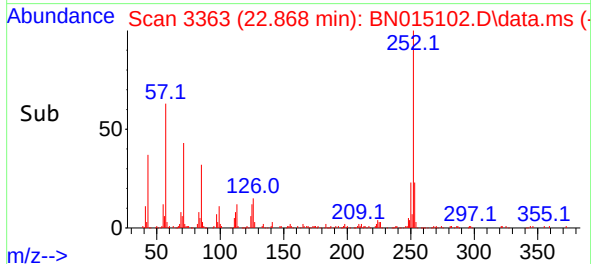
Instrument :
BNA_N
ClientSampled :
BGD86



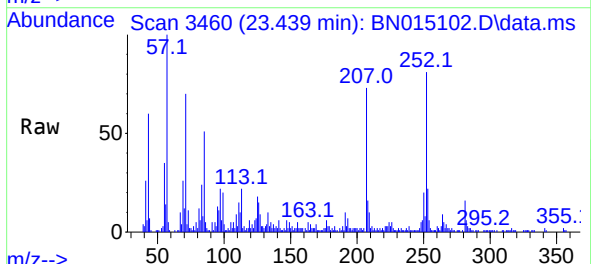
Tgt Ion:252 Resp: 100318
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 18.3 9.4 14.0#

Manual Integrations
APPROVED

mohammad
6/28/2021 1:25:45 PM



#93
Benzo(a)pyrene
Concen: 1.521 ng/u1
RT: 23.439 min Scan# 3460
Delta R.T. -0.006 min
Lab File: BN015102.D
Acq: 26 Jun 2021 06:15



Tgt Ion:252 Resp: 68224
Ion Ratio Lower Upper
252 100
253 27.6 16.4 24.6#
125 22.3 9.3 13.9#

