

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122022\
 Data File : BN023302.D
 Acq On : 20 Dec 2022 17:19
 Operator : CG/JU
 Sample : N6003-24
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXV3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/21/2022
 Supervised By :mohammad ahmed 12/21/2022

Quant Time: Dec 21 04:14:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 21 04:11:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	222518	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1012157	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.645	164	662831	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	1477847	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1411837	20.000	ng/u1	0.00
88) Perylene-d12	24.027	264	1400647	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	26734	4.971	ng/uL	0.00
4) Pyridine-d5	3.781	84	99219	6.250	ng/u1	0.00
7) Phenol-d5	7.152	99	585573	28.295	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	358561	29.772	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	480500	30.812	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	432374	26.021	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	252996	32.352	ng/u1	0.00
24) 2-Nitrophenol-d4	9.893	143	279739	33.963	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	483121	31.071	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	492556	19.687	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	1549243	31.189	ng/u1	0.00
49) Acenaphthylene-d8	14.340	160	1799615	32.306	ng/u1	0.00
54) 4-Nitrophenol-d4	14.840	143	261353	23.558	ng/u1	0.00
60) Fluorene-d10	15.640	176	1376382	32.529	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	224602	25.818	ng/u1	0.00
73) Anthracene-d10	17.492	188	2079178	31.393	ng/u1	0.00
81) Pyrene-d10	19.786	212	2645778	34.450	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.869	264	2216892	32.291	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.434	178	271624	3.473	ng/u1	99
80) Fluoranthene	19.451	202	706349	7.908	ng/u1	97
82) Pyrene	19.816	202	581187	6.194	ng/u1	95
85) Benzo(a)anthracene	21.563	228	368613	3.897	ng/u1	98
87) Chrysene	21.616	228	349480	3.915	ng/u1	98
90) Benzo(b)fluoranthene	23.274	252	533690	6.041	ng/u1#	97
91) Benzo(k)fluoranthene	23.321	252	178164m	2.119	ng/u1	
93) Benzo(a)pyrene	23.921	252	320011	4.215	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.586	276	218702	2.274	ng/u1	96
96) Benzo(g,h,i)perylene	27.374	276	172424	2.266	ng/u1	98

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

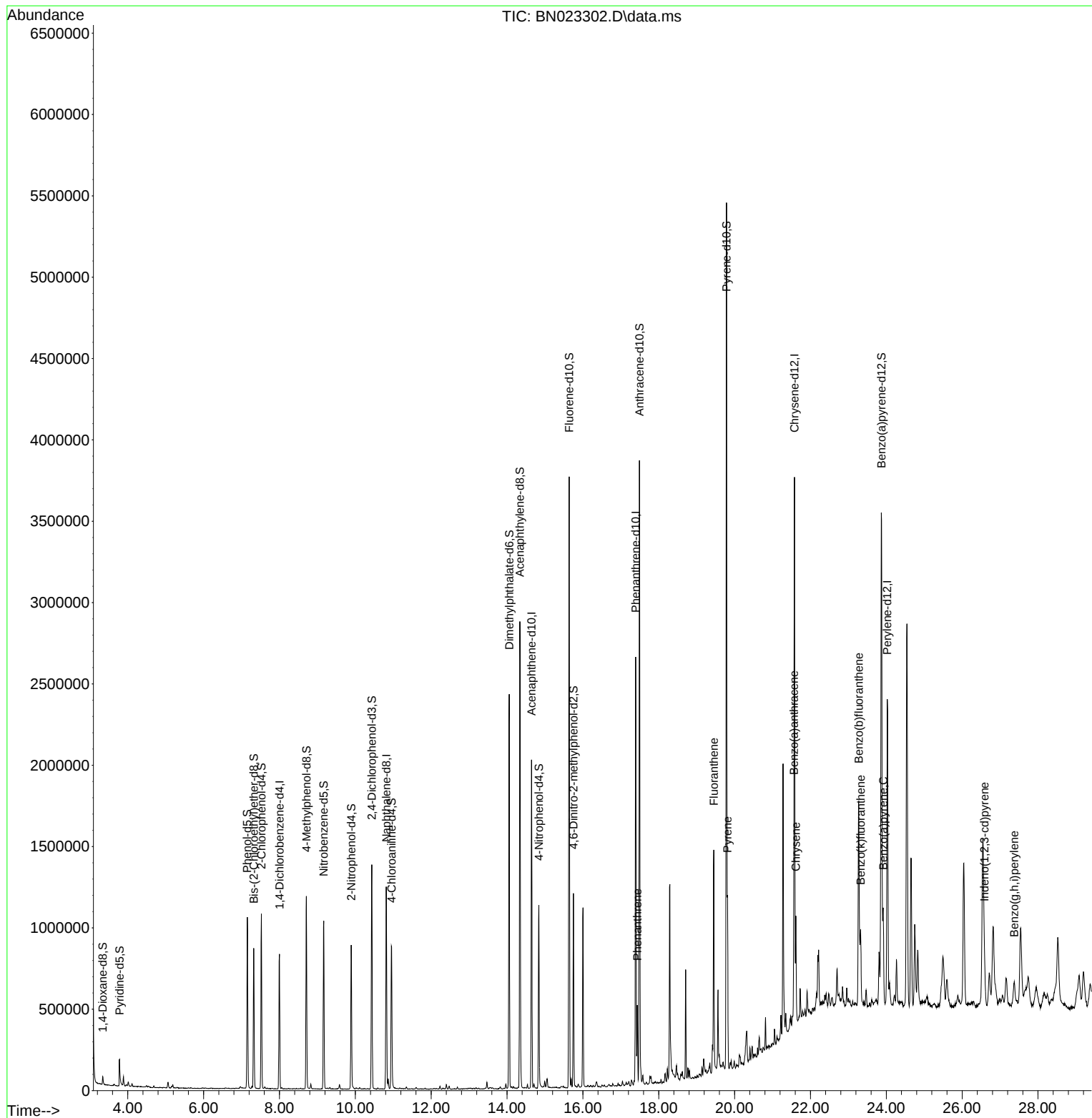
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122022\
Data File : BN023302.D
Acq On : 20 Dec 2022 17:19
Operator : CG/JU
Sample : N6003-24
Misc :
ALS Vial : 14 Sample Multiplier: 1

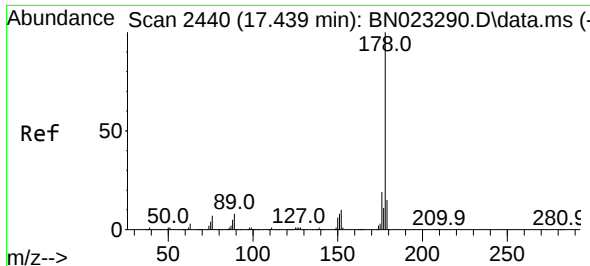
Instrument :
BNA_N
ClientSampleId :
DBXV3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/21/2022
Supervised By :mohammad ahmed 12/21/2022

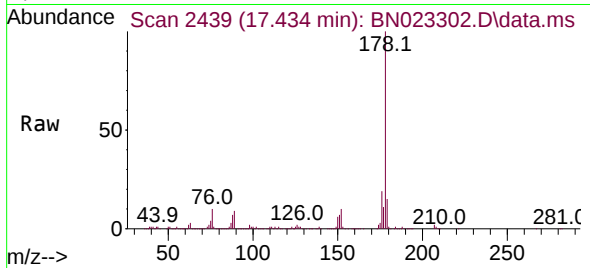
Quant Time: Dec 21 04:14:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 21 04:11:00 2022
Response via : Initial Calibration





#72
Phenanthrene
Concen: 3.473 ng/ul
RT: 17.434 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN023302.D
Acq: 20 Dec 2022 17:19

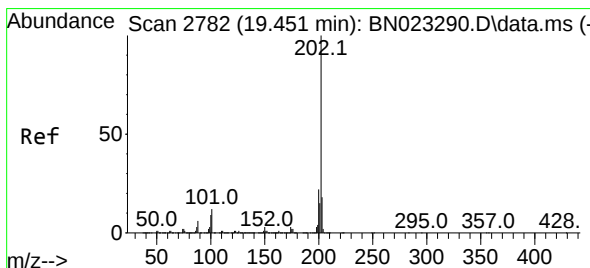
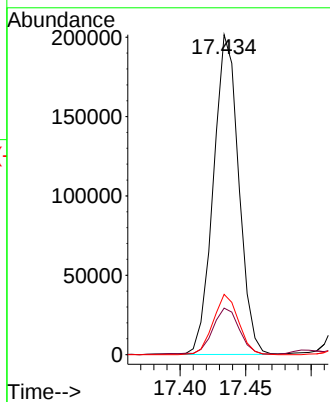
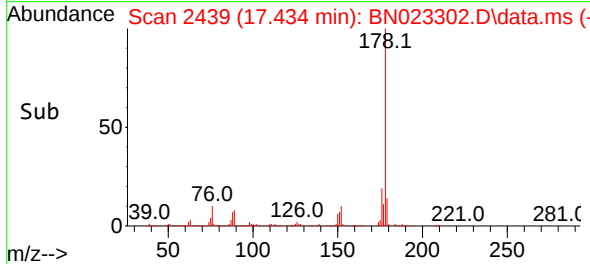
Instrument :
BNA_N
ClientSampleId :
DBXV3



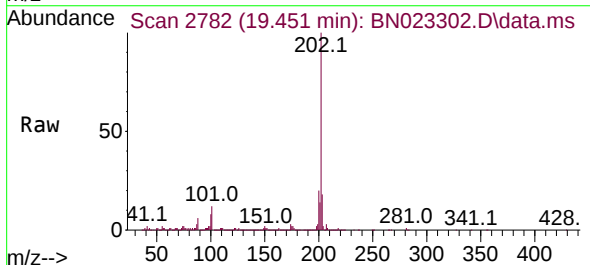
Tgt Ion:178 Resp: 271624
Ion Ratio Lower Upper
178 100
179 14.6 12.3 18.5
176 18.8 15.4 23.0

Manual Integrations
APPROVED

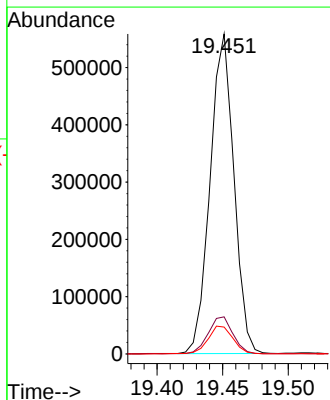
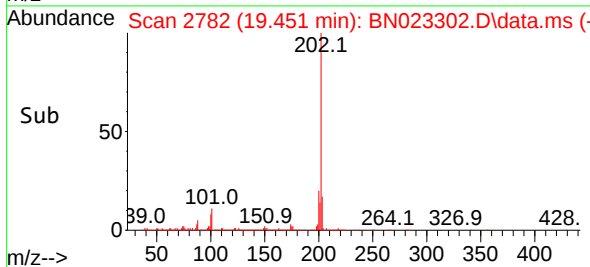
Reviewed By :Jagrut Upadhyay 12/21/2022
Supervised By :mohammad ahmed 12/21/2022

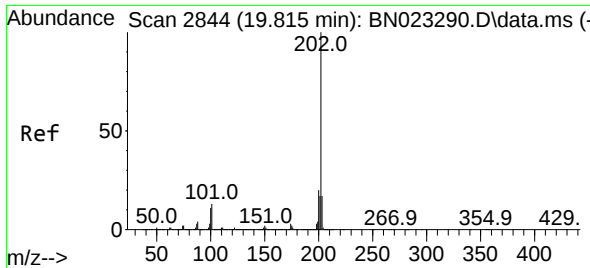


#80
Fluoranthene
Concen: 7.908 ng/ul
RT: 19.451 min Scan# 2782
Delta R.T. 0.000 min
Lab File: BN023302.D
Acq: 20 Dec 2022 17:19



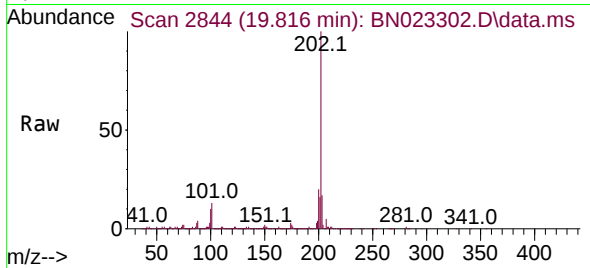
Tgt Ion:202 Resp: 706349
Ion Ratio Lower Upper
202 100
101 11.6 10.4 15.6
100 8.4 7.6 11.4





#82
Pyrene
Concen: 6.194 ng/ul
RT: 19.816 min Scan# 2844
Delta R.T. 0.000 min
Lab File: BN023302.D
Acq: 20 Dec 2022 17:19

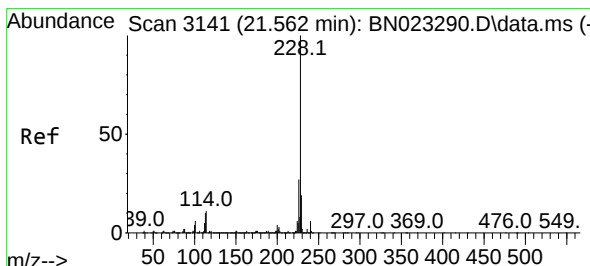
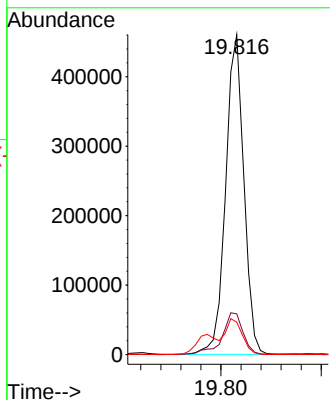
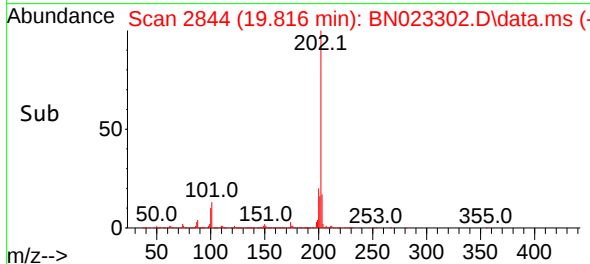
Instrument :
BNA_N
ClientSampleId :
DBXV3



Tgt Ion:202 Resp: 581187
Ion Ratio Lower Upper
202 100
101 12.7 12.0 18.0
100 10.1 9.5 14.3

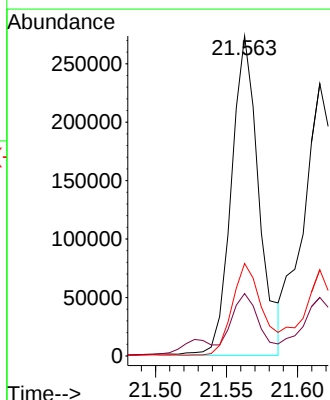
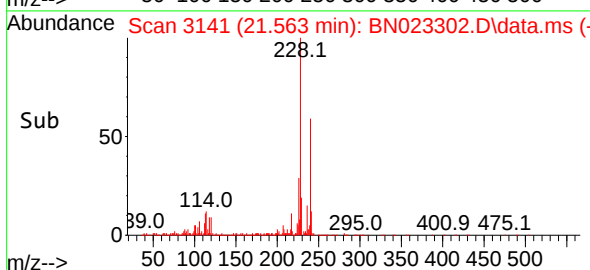
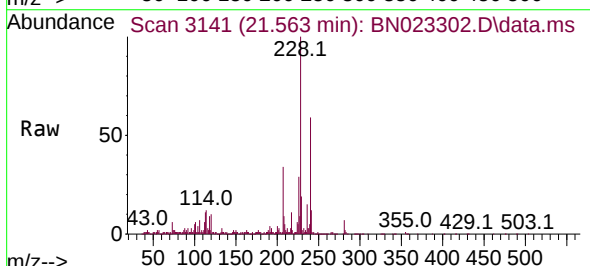
Manual Integrations
APPROVED

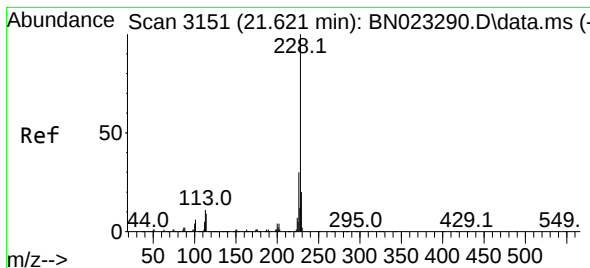
Reviewed By :Jagrut Upadhyay 12/21/2022
Supervised By :mohammad ahmed 12/21/2022



#85
Benzo(a)anthracene
Concen: 3.897 ng/ul
RT: 21.563 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BN023302.D
Acq: 20 Dec 2022 17:19

Tgt Ion:228 Resp: 368613
Ion Ratio Lower Upper
228 100
229 19.5 15.5 23.3
226 28.9 21.4 32.0





#87

Chrysene

Concen: 3.915 ng/ul

RT: 21.616 min Scan# 3151

Delta R.T. -0.005 min

Lab File: BN023302.D

Acq: 20 Dec 2022 17:19

Instrument :

BNA_N

ClientSampleId :

DBXV3

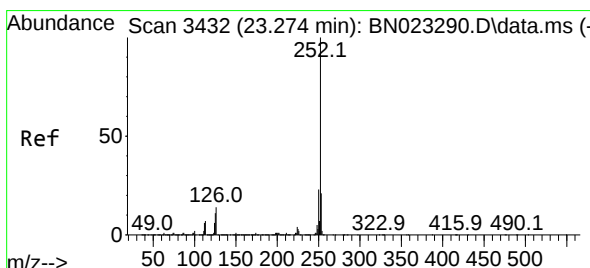
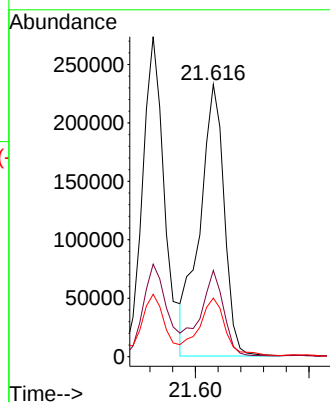
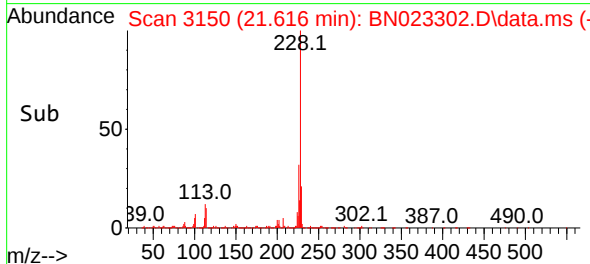
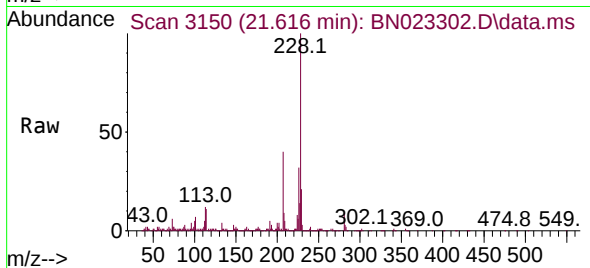
Tgt Ion:228 Resp: 349480

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.6	36.8
229	21.5	16.5	24.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/21/2022
Supervised By :mohammad ahmed 12/21/2022



#90

Benzo(b)fluoranthene

Concen: 6.041 ng/ul

RT: 23.274 min Scan# 3432

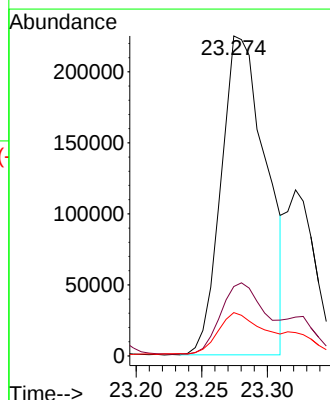
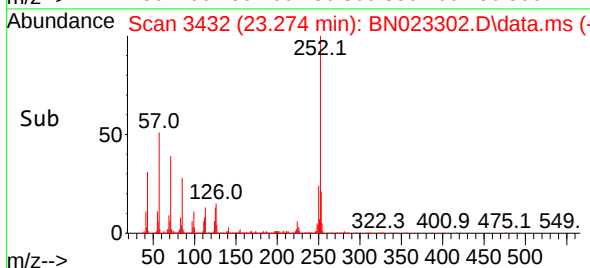
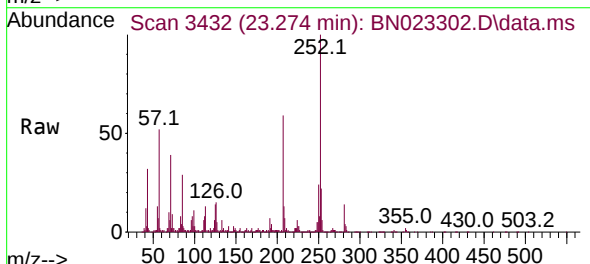
Delta R.T. 0.000 min

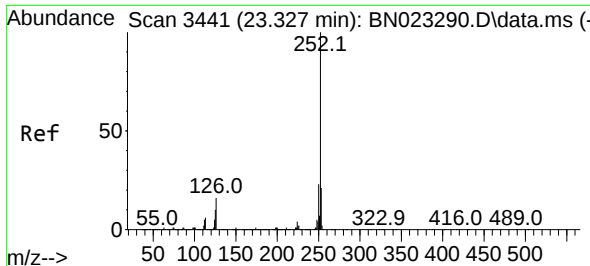
Lab File: BN023302.D

Acq: 20 Dec 2022 17:19

Tgt Ion:252 Resp: 533690

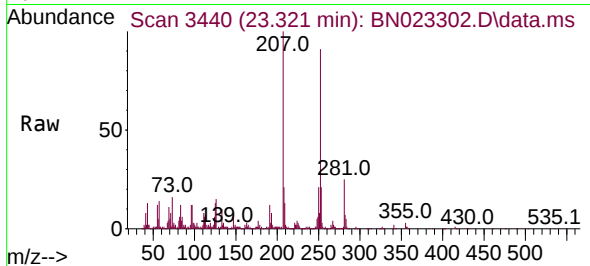
Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.8	25.2
125	13.5	8.8	13.2





#91
Benzo(k)fluoranthene
Concen: 2.119 ng/ul m
RT: 23.321 min Scan# 3441
Delta R.T. -0.005 min
Lab File: BN023302.D
Acq: 20 Dec 2022 17:19

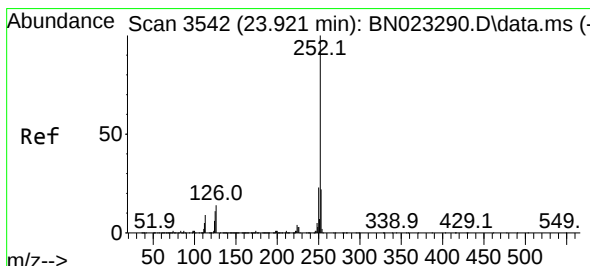
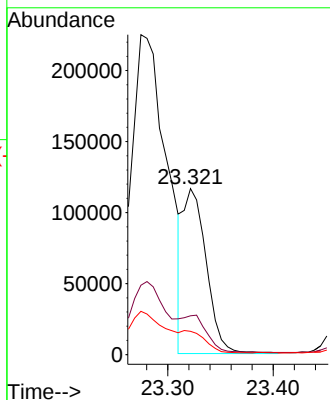
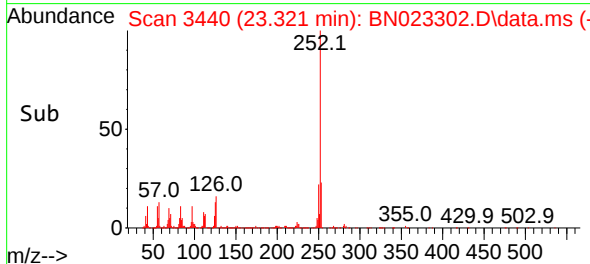
Instrument :
BNA_N
ClientSampleId :
DBXV3



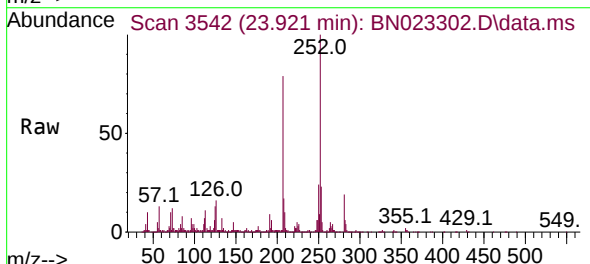
Tgt Ion:252 Resp: 178164
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 14.0 9.0 13.6

Manual Integrations
APPROVED

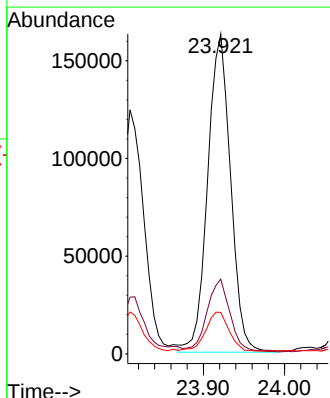
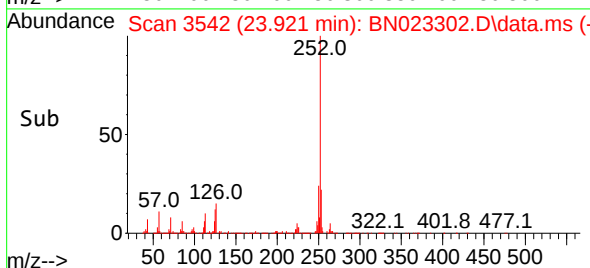
Reviewed By :Jagrut Upadhyay 12/21/2022
Supervised By :mohammad ahmed 12/21/2022

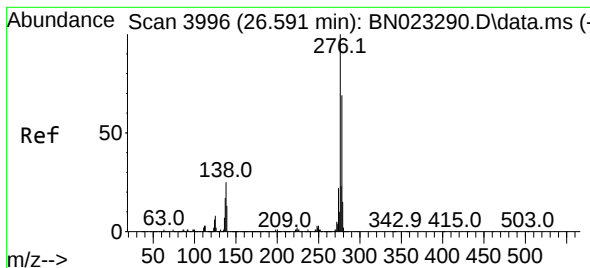


#93
Benzo(a)pyrene
Concen: 4.215 ng/ul
RT: 23.921 min Scan# 3542
Delta R.T. 0.000 min
Lab File: BN023302.D
Acq: 20 Dec 2022 17:19



Tgt Ion:252 Resp: 320011
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 13.0 9.4 14.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.274 ng/ul

RT: 26.586 min Scan# 3996

Delta R.T. -0.005 min

Lab File: BN023302.D

Acq: 20 Dec 2022 17:19

Instrument :

BNA_N

ClientSampleId :

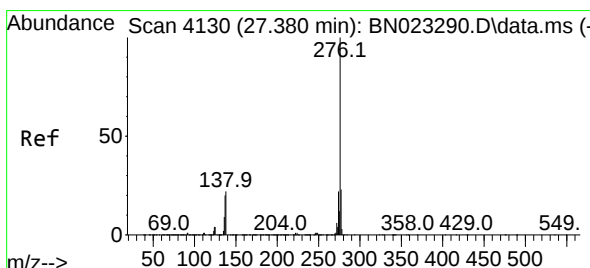
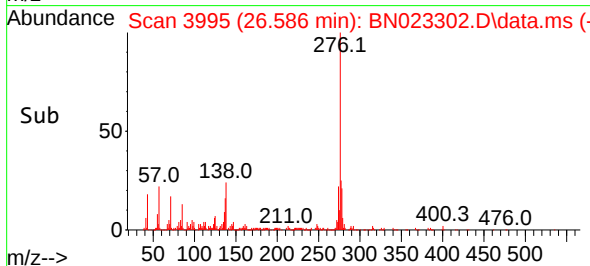
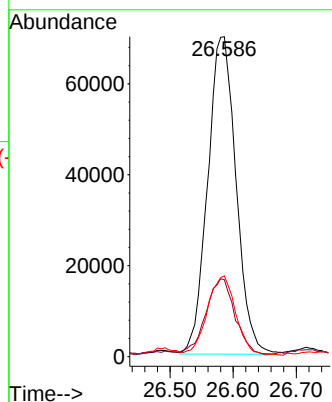
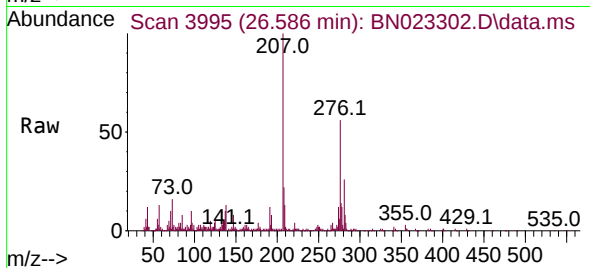
DBXV3

Tgt Ion:	276	Resp:	218702
Ion Ratio	Lower	Upper	
276	100		
138	24.0	20.6	30.8
277	25.2	18.2	27.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/21/2022
Supervised By :mohammad ahmed 12/21/2022



#96

Benzo(g,h,i)perylene

Concen: 2.266 ng/ul

RT: 27.374 min Scan# 4129

Delta R.T. -0.005 min

Lab File: BN023302.D

Acq: 20 Dec 2022 17:19

Tgt Ion:	276	Resp:	172424
Ion Ratio	Lower	Upper	
276	100		
138	25.4	19.2	28.8
277	24.3	19.3	28.9

