

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
 Data File : BN023268.D
 Acq On : 17 Dec 2022 09:06
 Operator : CG/JU
 Sample : N5925-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXR1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

Quant Time: Dec 19 00:14:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 23:22:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	307157	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	1445239	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	950451	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.398	188	2123575	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1745900	20.000	ng/u1	0.00
88) Perylene-d12	24.039	264	1628904	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	34484	4.645	ng/uL	0.00
4) Pyridine-d5	3.781	84	106960	4.881	ng/u1	0.00
7) Phenol-d5	7.158	99	799674	27.992	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	453151	27.258	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	655492	30.451	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	598186	26.080	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	337534	30.228	ng/u1	0.00
24) 2-Nitrophenol-d4	9.899	143	376591	32.021	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	682567	30.743	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	357824	10.016	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	2108136	29.598	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	2433594	30.467	ng/u1	0.00
54) 4-Nitrophenol-d4	14.840	143	393647	24.745	ng/u1	0.00
60) Fluorene-d10	15.640	176	1846502	30.434	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	329488	26.358	ng/u1	0.00
73) Anthracene-d10	17.498	188	2801964	29.441	ng/u1	0.00
81) Pyrene-d10	19.792	212	3317998	34.936	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.880	264	2470640	30.944	ng/u1	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.434	178	306796	2.730	ng/u1	100
80) Fluoranthene	19.451	202	1045877	9.469	ng/u1	98
82) Pyrene	19.816	202	917646	7.909	ng/u1	97
85) Benzo(a)anthracene	21.563	228	664188	5.678	ng/u1	100
87) Chrysene	21.622	228	678673	6.148	ng/u1	98
90) Benzo(b)fluoranthene	23.286	252	973686	9.477	ng/u1	97
91) Benzo(k)fluoranthene	23.333	252	354422m	3.625	ng/u1	
93) Benzo(a)pyrene	23.927	252	563715	6.384	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.592	276	362482	3.241	ng/u1	95
95) Dibenzo(a,h)anthracene	26.615	278	97734	1.072	ng/u1	96
96) Benzo(g,h,i)perylene	27.386	276	302205	3.415	ng/u1	98

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

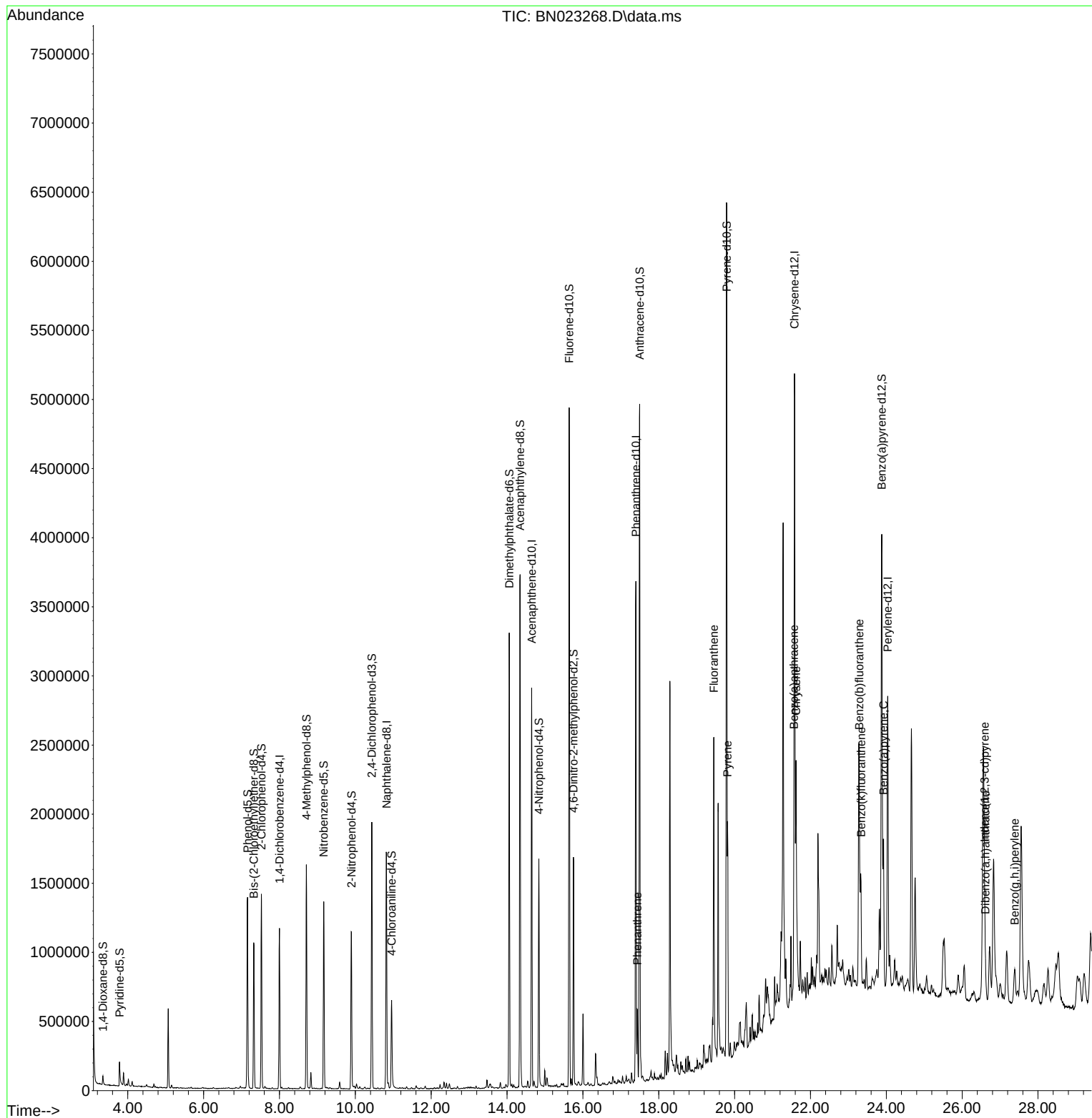
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
 Data File : BN023268.D
 Acq On : 17 Dec 2022 09:06
 Operator : CG/JU
 Sample : N5925-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

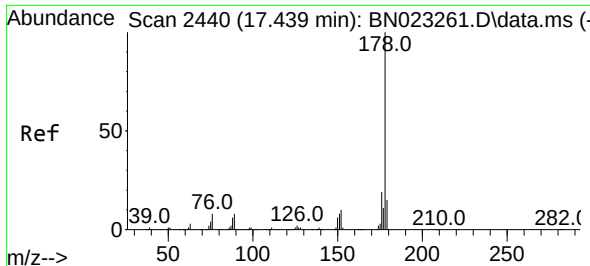
Instrument :
 BNA_N
 ClientSampleId :
 DBXR1

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

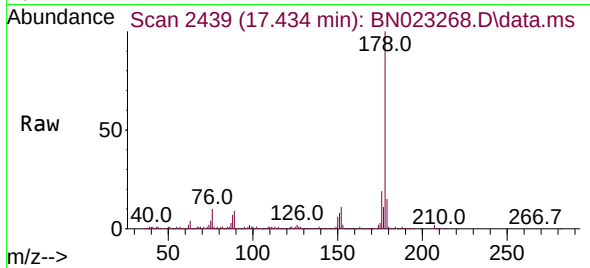
Quant Time: Dec 19 00:14:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 23:22:36 2022
 Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.730 ng/ul
RT: 17.434 min Scan# 2440
Delta R.T. -0.006 min
Lab File: BN023268.D
Acq: 17 Dec 2022 09:06

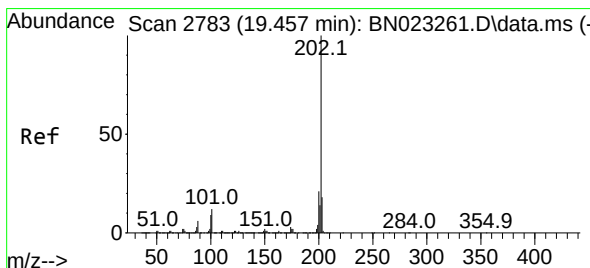
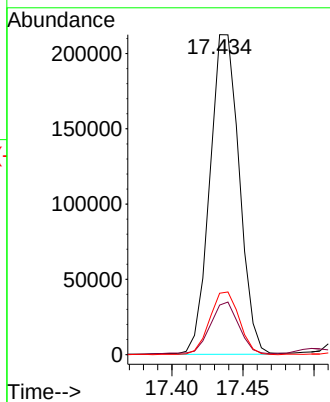
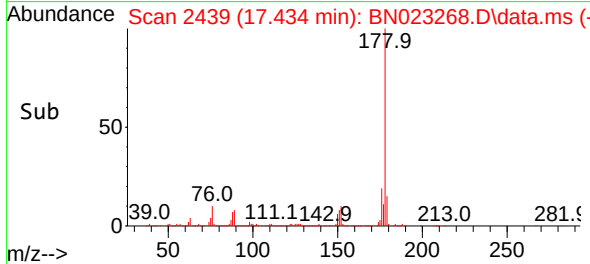
Instrument :
BNA_N
ClientSampleId :
DBXR1



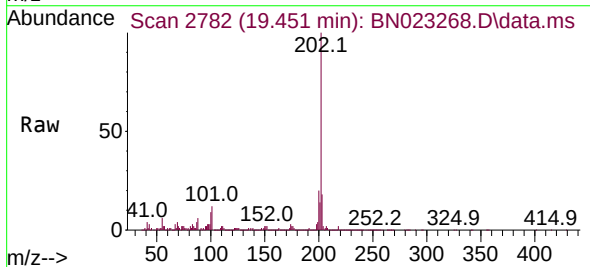
Tgt Ion:178 Resp: 306796
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.2 15.4 23.0

Manual Integrations
APPROVED

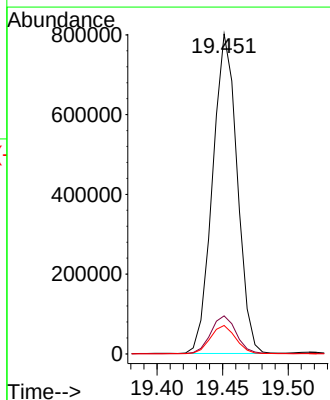
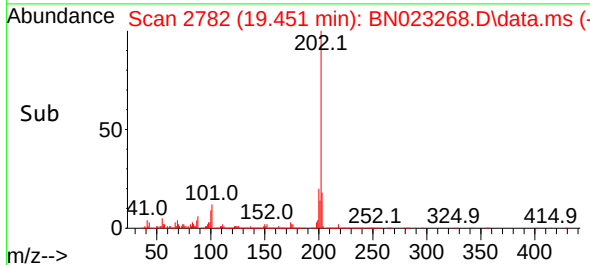
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

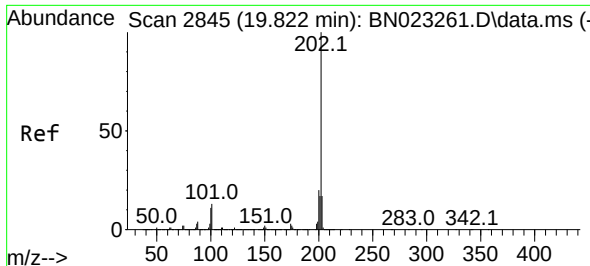


#80
Fluoranthene
Concen: 9.469 ng/ul
RT: 19.451 min Scan# 2782
Delta R.T. 0.000 min
Lab File: BN023268.D
Acq: 17 Dec 2022 09:06



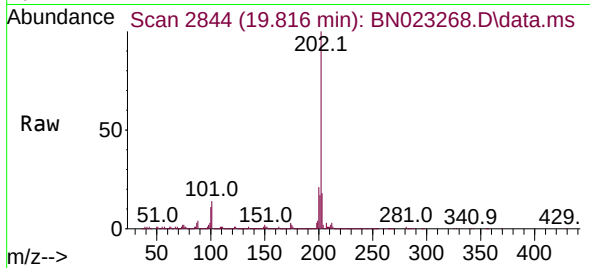
Tgt Ion:202 Resp: 1045877
Ion Ratio Lower Upper
202 100
101 11.9 10.4 15.6
100 8.9 7.6 11.4





#82
Pyrene
Concen: 7.909 ng/ul
RT: 19.816 min Scan# 2844
Delta R.T. 0.000 min
Lab File: BN023268.D
Acq: 17 Dec 2022 09:06

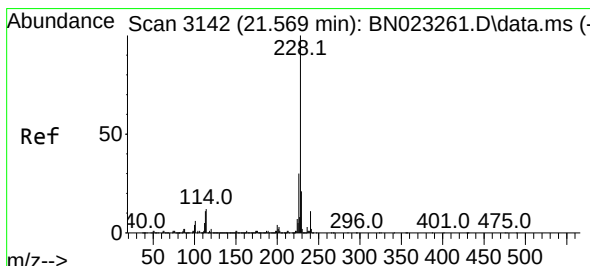
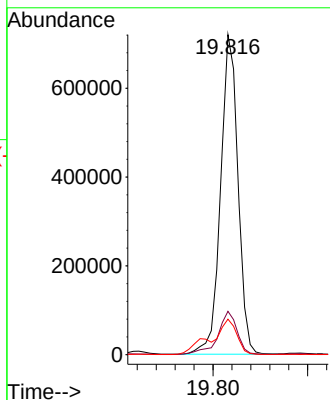
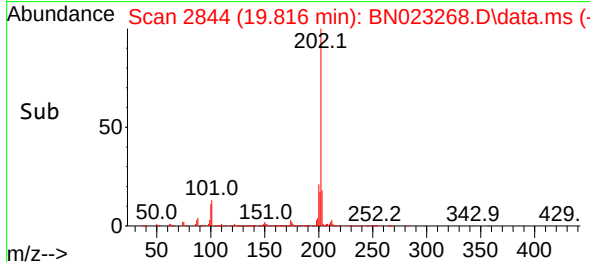
Instrument :
BNA_N
ClientSampleId :
DBXR1



Tgt Ion:202 Resp: 917646
Ion Ratio Lower Upper
202 100
101 13.5 12.0 18.0
100 11.1 9.5 14.3

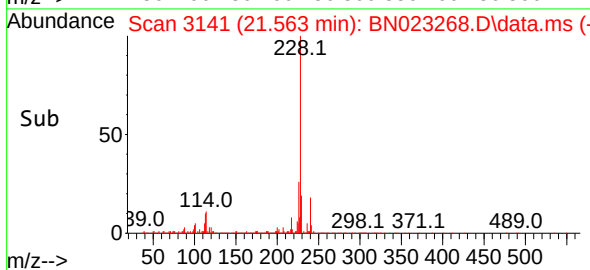
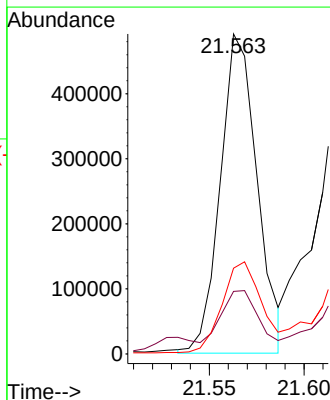
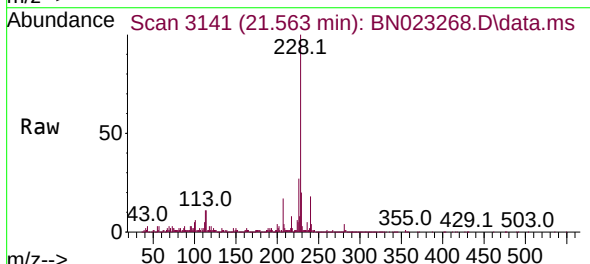
Manual Integrations
APPROVED

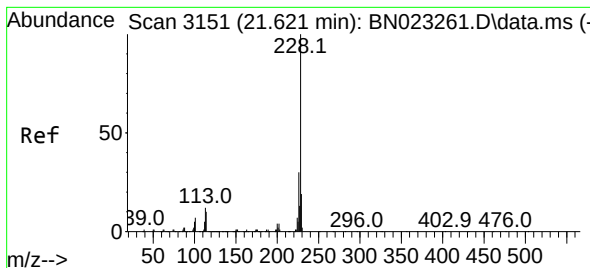
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#85
Benzo(a)anthracene
Concen: 5.678 ng/ul
RT: 21.563 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BN023268.D
Acq: 17 Dec 2022 09:06

Tgt Ion:228 Resp: 664188
Ion Ratio Lower Upper
228 100
229 19.5 15.5 23.3
226 26.8 21.4 32.0





#87

Chrysene

Concen: 6.148 ng/ul

RT: 21.622 min Scan# 3151

Delta R.T. 0.000 min

Lab File: BN023268.D

Acq: 17 Dec 2022 09:06

Instrument :

BNA_N

ClientSampleId :

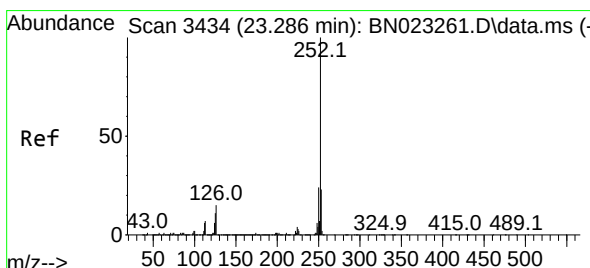
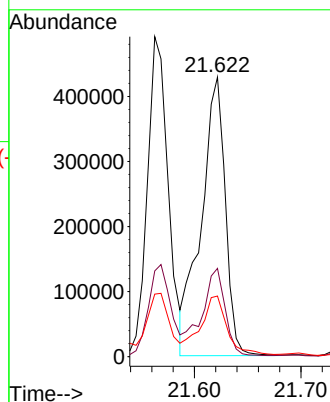
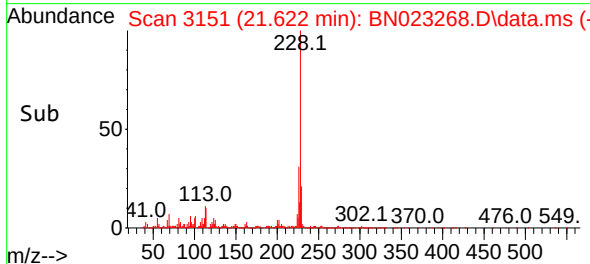
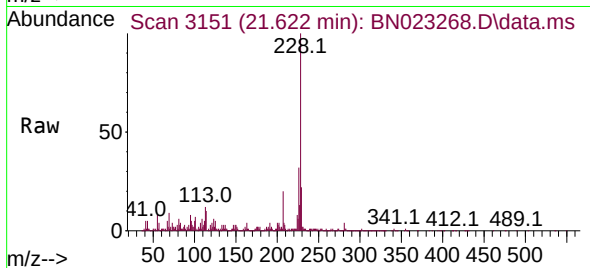
DBXR1

Tgt Ion:	228	Resp:	678673
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.6	36.8
229	21.7	16.5	24.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#90

Benzo(b)fluoranthene

Concen: 9.477 ng/ul

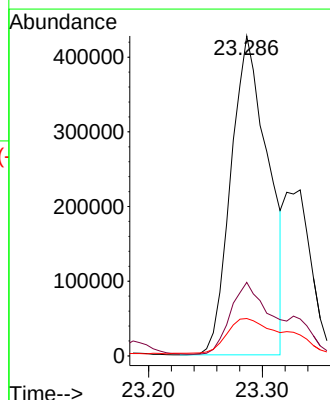
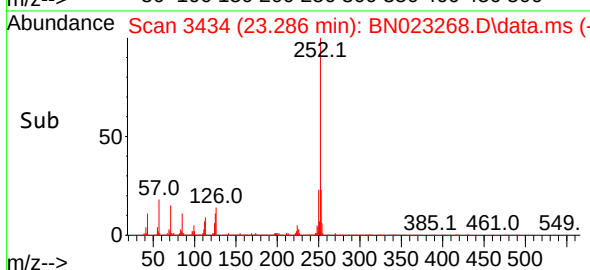
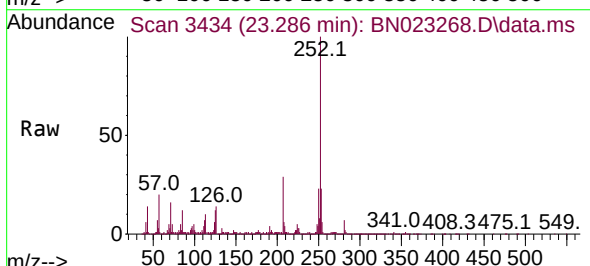
RT: 23.286 min Scan# 3434

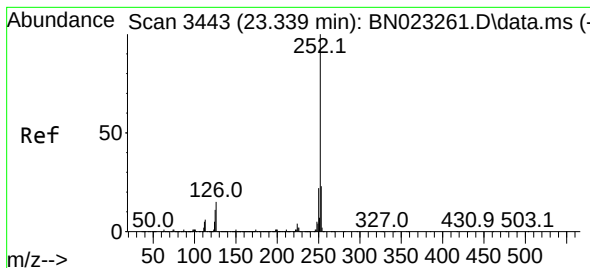
Delta R.T. 0.006 min

Lab File: BN023268.D

Acq: 17 Dec 2022 09:06

Tgt Ion:	252	Resp:	973686
Ion Ratio	Lower	Upper	
252	100		
253	23.0	16.8	25.2
125	11.7	8.8	13.2





#91

Benzo(k)fluoranthene

Concen: 3.625 ng/ul m

RT: 23.333 min Scan# 3443

Delta R.T. 0.000 min

Lab File: BN023268.D

Acq: 17 Dec 2022 09:06

Instrument :

BNA_N

ClientSampleId :

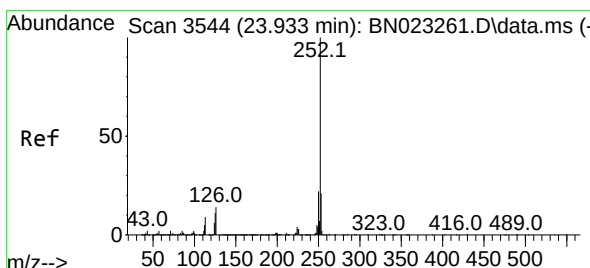
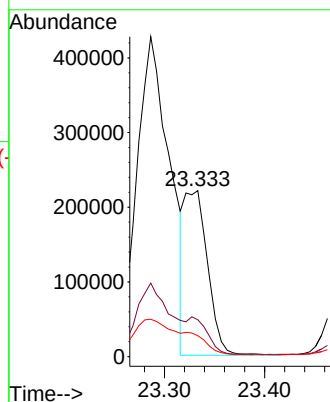
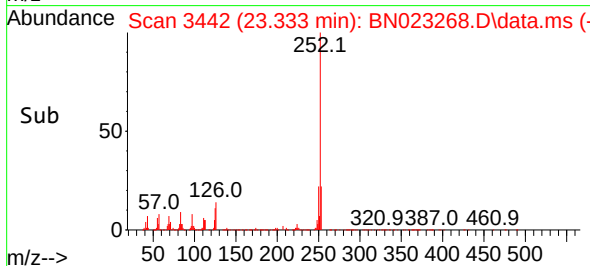
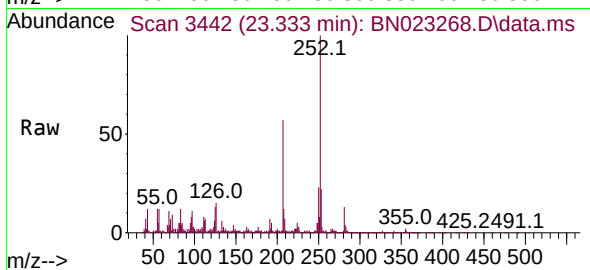
DBXR1

Tgt Ion:	252	Resp:	35442
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.9	26.9
125	12.6	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#93

Benzo(a)pyrene

Concen: 6.384 ng/ul

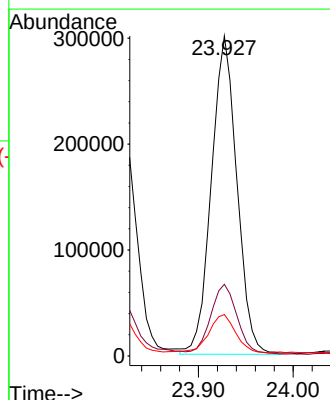
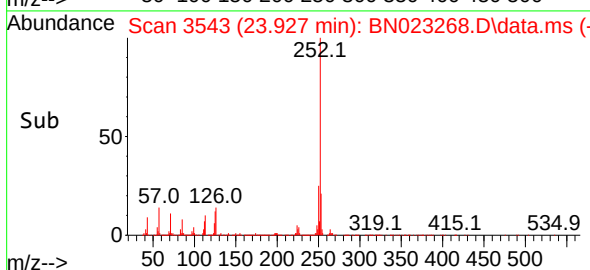
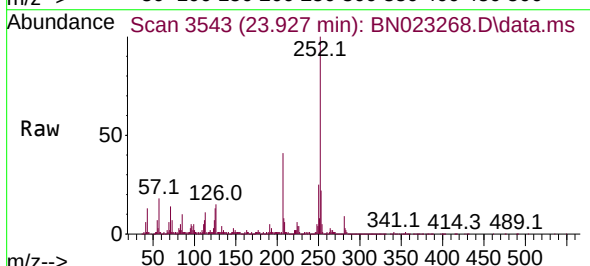
RT: 23.927 min Scan# 3543

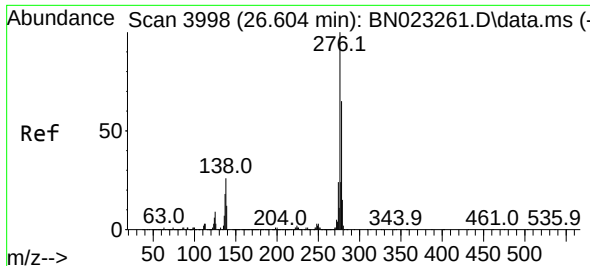
Delta R.T. 0.000 min

Lab File: BN023268.D

Acq: 17 Dec 2022 09:06

Tgt Ion:	252	Resp:	563715
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.6	26.4
125	12.9	9.4	14.2





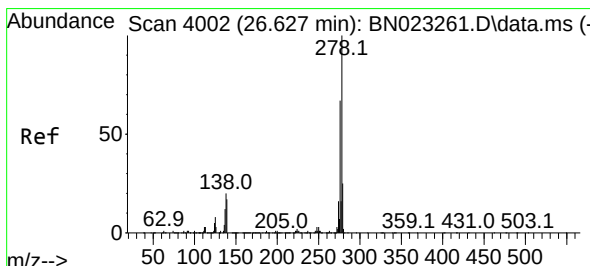
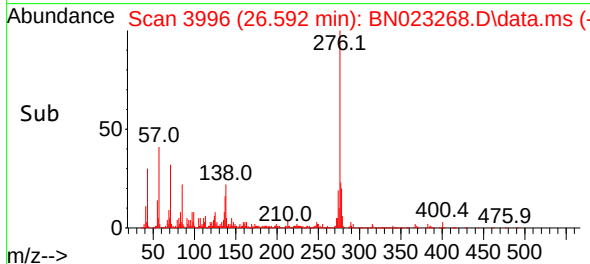
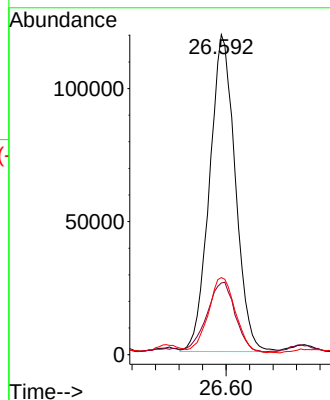
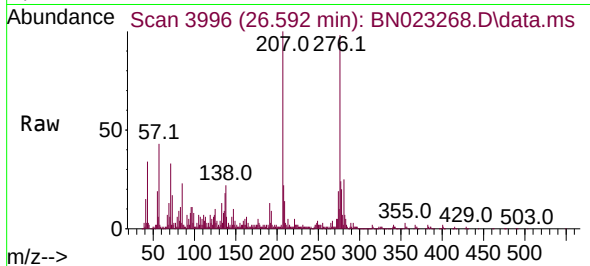
#94
Indeno(1,2,3-cd)pyrene
Concen: 3.241 ng/ul
RT: 26.592 min Scan# 3998
Delta R.T. -0.006 min
Lab File: BN023268.D
Acq: 17 Dec 2022 09:06

Instrument :
BNA_N
ClientSampleId :
DBXR1

Tgt Ion:276 Resp: 362482
Ion Ratio Lower Upper
276 100
138 22.4 20.6 30.8
277 24.1 18.2 27.2

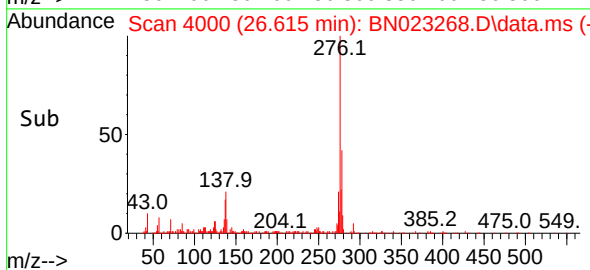
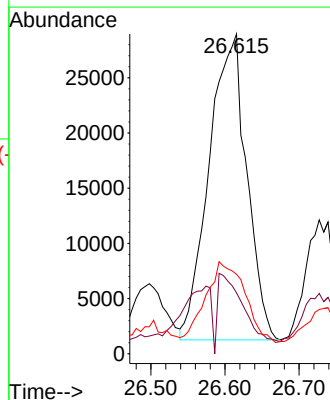
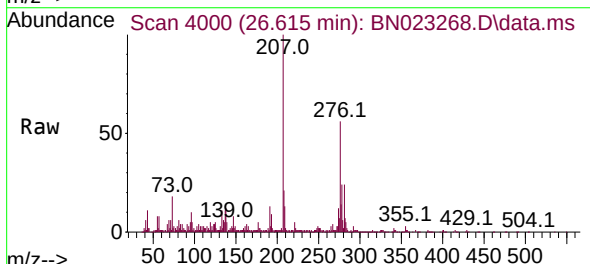
Manual Integrations
APPROVED

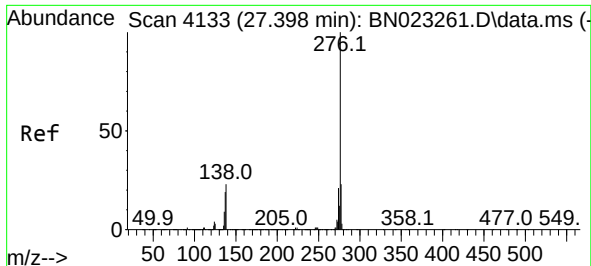
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#95
Dibenzo(a,h)anthracene
Concen: 1.072 ng/ul
RT: 26.615 min Scan# 4000
Delta R.T. -0.006 min
Lab File: BN023268.D
Acq: 17 Dec 2022 09:06

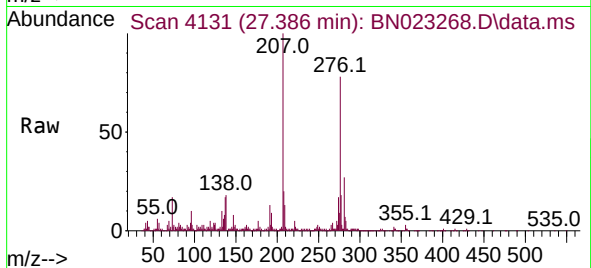
Tgt Ion:278 Resp: 97734
Ion Ratio Lower Upper
278 100
139 19.1 13.3 19.9
279 24.9 18.6 27.8





#96
Benzo(g,h,i)perylene
Concen: 3.415 ng/ul
RT: 27.386 min Scan# 4131
Delta R.T. -0.006 min
Lab File: BN023268.D
Acq: 17 Dec 2022 09:06

Instrument :
BNA_N
ClientSampleId :
DBXR1



Tgt Ion: 276 Resp: 302205
Ion Ratio Lower Upper
276 100
138 23.5 19.2 28.8
277 22.6 19.3 28.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

