

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
 Data File : BN023273.D
 Acq On : 17 Dec 2022 12:09
 Operator : CG/JU
 Sample : N5925-17
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYC6

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 00:15:11 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	322846	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1494340	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	993829	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.398	188	2190974	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1857858	20.000	ng/u1	0.00
88) Perylene-d12	24.039	264	1676695	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	32361	4.147	ng/uL	0.00
4) Pyridine-d5	3.787	84	62259	2.703	ng/u1	0.01
7) Phenol-d5	7.157	99	743626	24.766	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	448722	25.680	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	611431	27.024	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	530244	21.994	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	333954	28.925	ng/u1	0.00
24) 2-Nitrophenol-d4	9.893	143	377137	31.013	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	628310	27.370	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	373428	10.110	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	2140567	28.741	ng/u1	0.00
49) Acenaphthylene-d8	14.339	160	2264311	27.110	ng/u1	0.00
54) 4-Nitrophenol-d4	14.839	143	331387	19.922	ng/u1	0.00
60) Fluorene-d10	15.639	176	1801574	28.397	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	276111	21.408	ng/u1	0.00
73) Anthracene-d10	17.492	188	2562990	26.102	ng/u1	0.00
81) Pyrene-d10	19.786	212	2918893	28.882	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.880	264	2058852	25.052	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.439	178	313419	2.703	ng/u1	100
80) Fluoranthene	19.451	202	920381	7.830	ng/u1	99
82) Pyrene	19.816	202	678764	5.497	ng/u1	98
85) Benzo(a)anthracene	21.563	228	436290	3.505	ng/u1	97
87) Chrysene	21.621	228	436236	3.714	ng/u1	98
90) Benzo(b)fluoranthene	23.286	252	582989	5.513	ng/u1#	89
91) Benzo(k)fluoranthene	23.327	252	155837m	1.548	ng/u1	
93) Benzo(a)pyrene	23.927	252	301322	3.315	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	26.592	276	208934	1.815	ng/u1	97
96) Benzo(g,h,i)perylene	27.386	276	133011	1.460	ng/u1	97

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

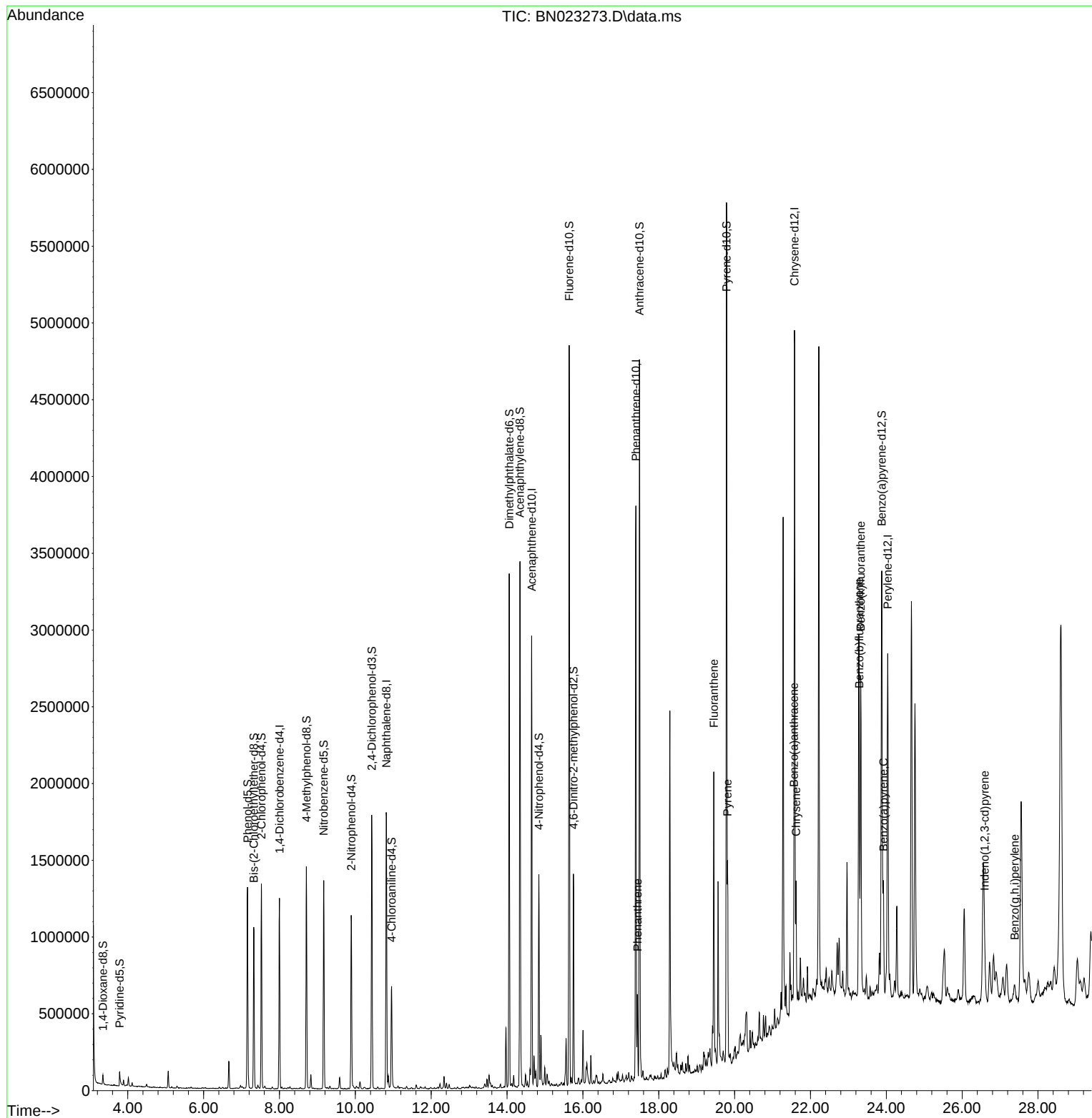
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
 Data File : BN023273.D
 Acq On : 17 Dec 2022 12:09
 Operator : CG/JU
 Sample : N5925-17
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

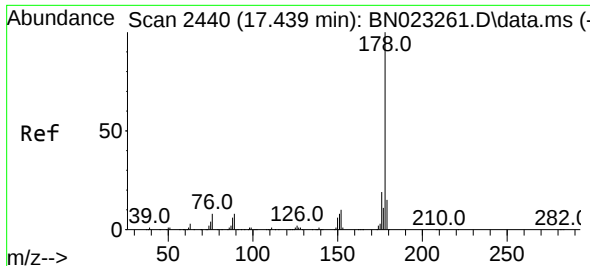
Instrument :
 BNA_N
 ClientSampleId :
 DBYC6

Manual Integrations APPROVED

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

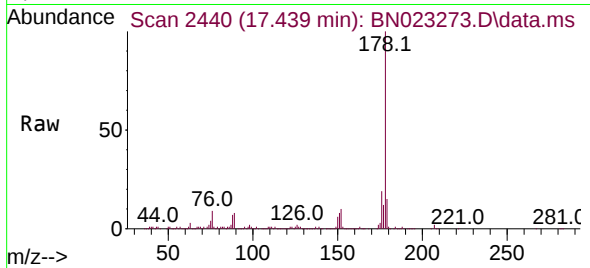
Quant Time: Dec 19 00:15:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 23:22:36 2022
 Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.703 ng/ul
RT: 17.439 min Scan# 2440
Delta R.T. -0.000 min
Lab File: BN023273.D
Acq: 17 Dec 2022 12:09

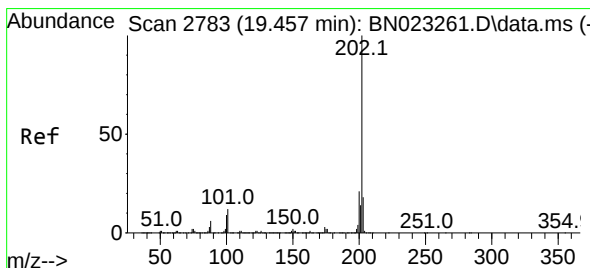
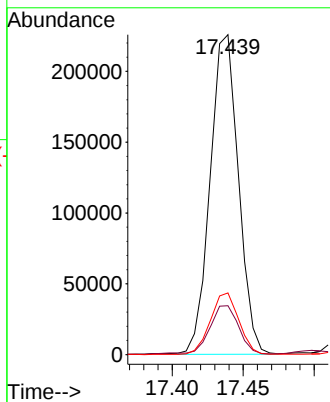
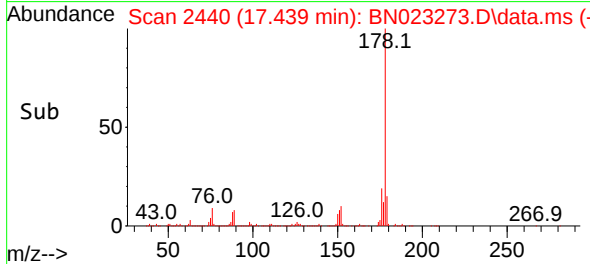
Instrument :
BNA_N
ClientSampleId :
DBYC6



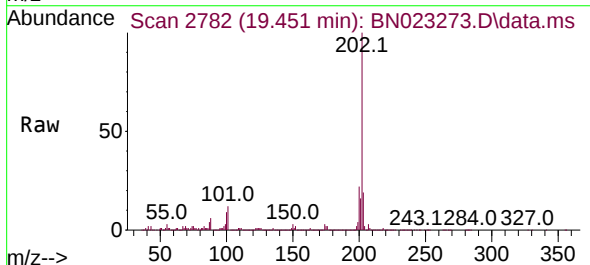
Tgt Ion:178 Resp: 313419
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.3 15.4 23.0

Manual Integrations
APPROVED

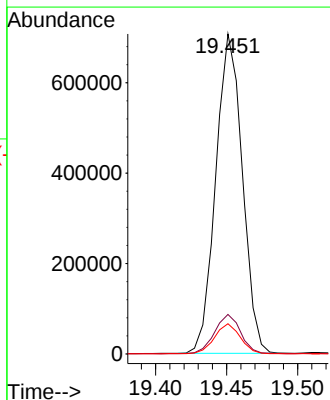
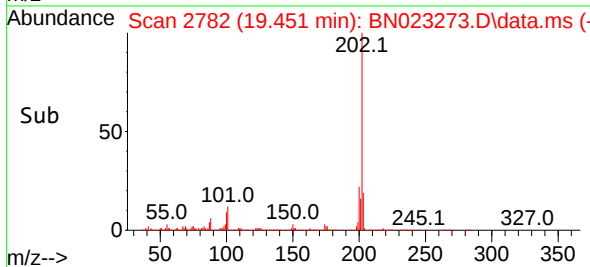
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

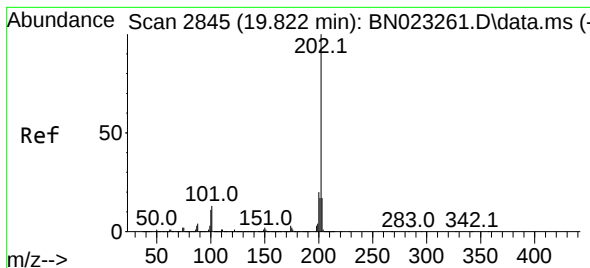


#80
Fluoranthene
Concen: 7.830 ng/ul
RT: 19.451 min Scan# 2782
Delta R.T. -0.000 min
Lab File: BN023273.D
Acq: 17 Dec 2022 12:09



Tgt Ion:202 Resp: 920381
Ion Ratio Lower Upper
202 100
101 12.3 10.4 15.6
100 9.4 7.6 11.4





#82

Pyrene

Concen: 5.497 ng/ul

RT: 19.816 min Scan# 2844

Delta R.T. -0.000 min

Lab File: BN023273.D

Acq: 17 Dec 2022 12:09

Instrument :

BNA_N

ClientSampleId :

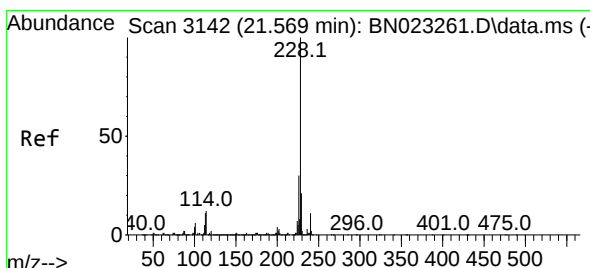
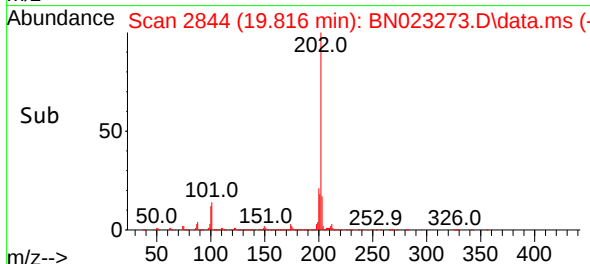
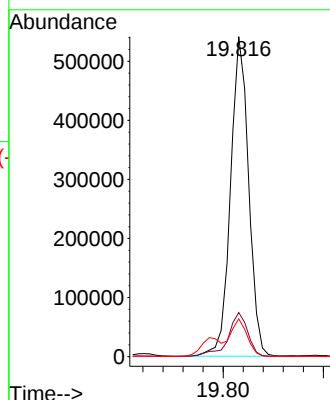
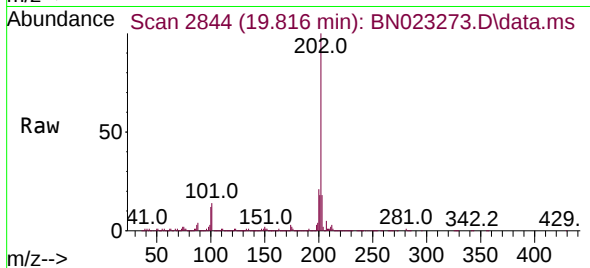
DBYC6

Tgt Ion:	202	Resp:	678764
Ion Ratio	Lower	Upper	
202	100		
101	13.8	12.0	18.0
100	11.8	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: 3.505 ng/ul

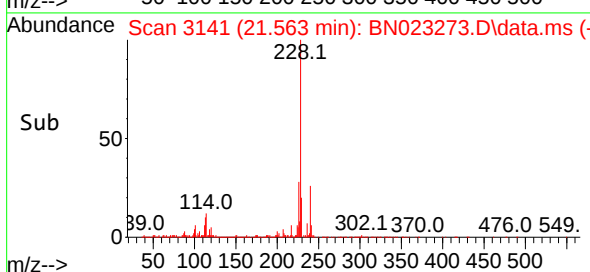
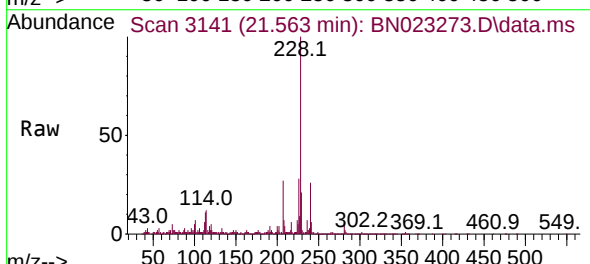
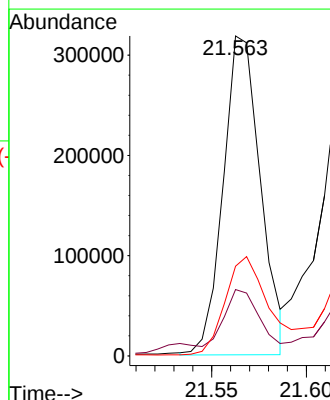
RT: 21.563 min Scan# 3141

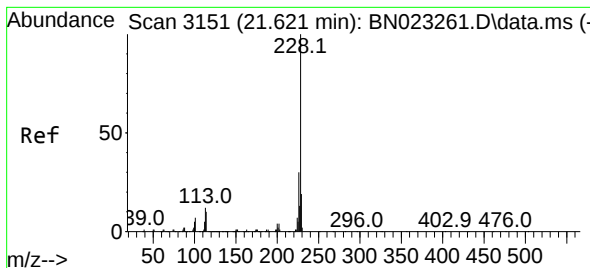
Delta R.T. -0.006 min

Lab File: BN023273.D

Acq: 17 Dec 2022 12:09

Tgt Ion:	228	Resp:	436290
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.5	23.3
226	28.0	21.4	32.0





#87

Chrysene

Concen: 3.714 ng/ul

RT: 21.621 min Scan# 3151

Delta R.T. -0.000 min

Lab File: BN023273.D

Acq: 17 Dec 2022 12:09

Instrument :

BNA_N

ClientSampleId :

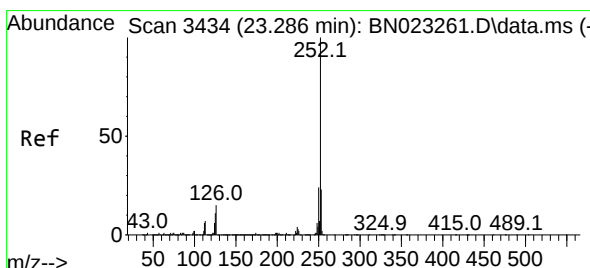
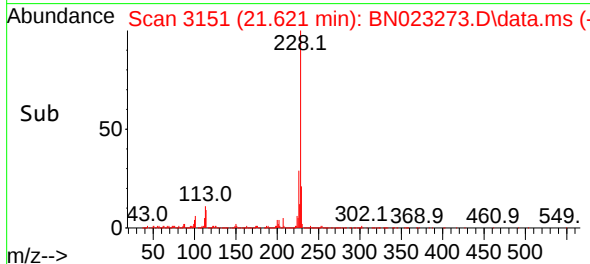
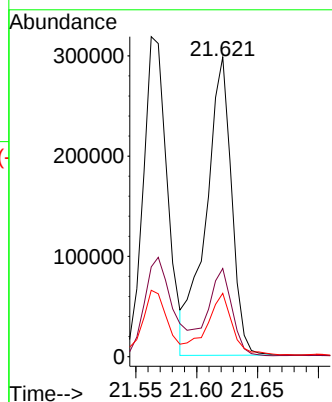
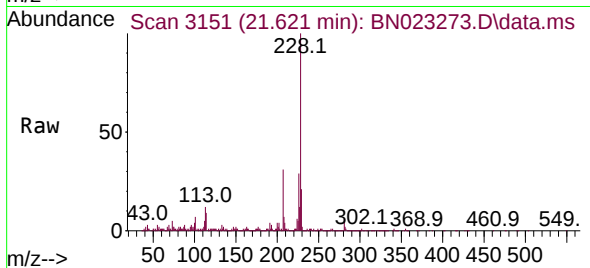
DBYC6

Tgt Ion:228	Resp: 436236
Ion Ratio	Lower Upper
228 100	
226 29.4	24.6 36.8
229 21.1	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: 5.513 ng/ul

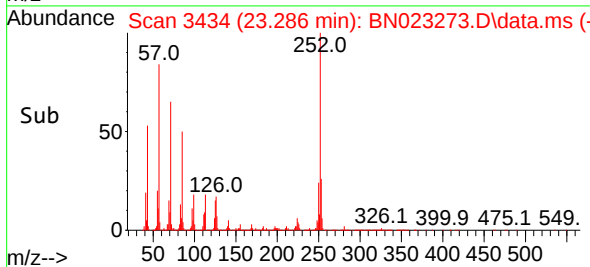
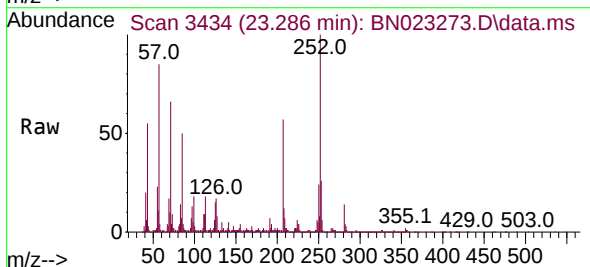
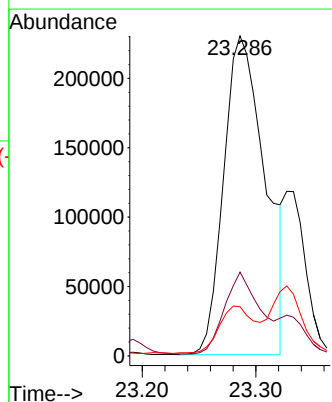
RT: 23.286 min Scan# 3434

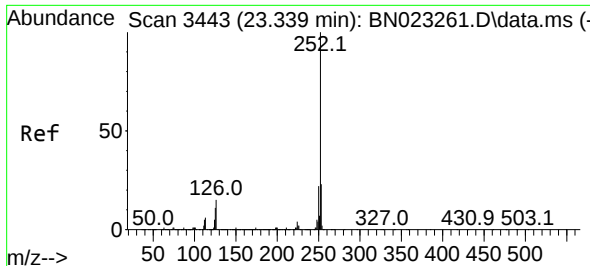
Delta R.T. 0.006 min

Lab File: BN023273.D

Acq: 17 Dec 2022 12:09

Tgt Ion:252	Resp: 582989
Ion Ratio	Lower Upper
252 100	
253 26.2	16.8 25.2#
125 15.4	8.8 13.2#





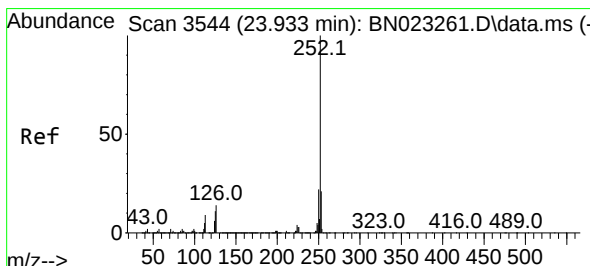
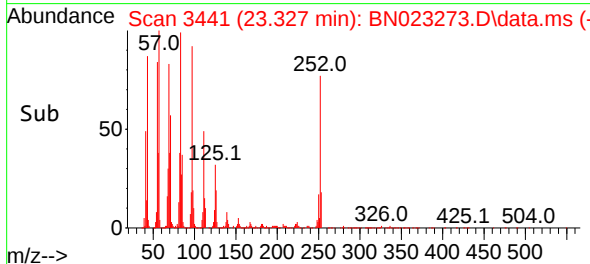
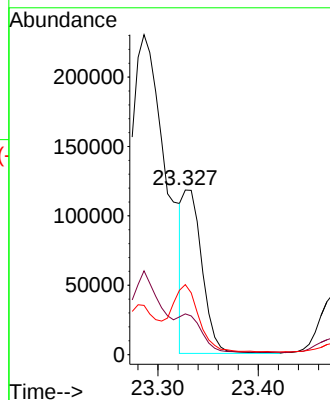
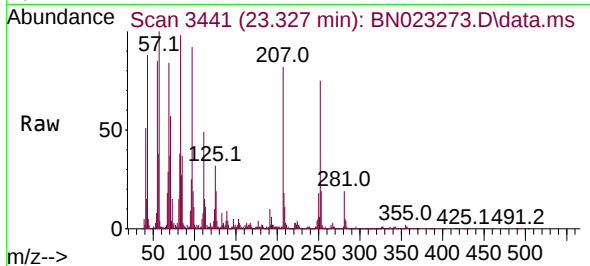
#91
Benzo(k)fluoranthene
Concen: 1.548 ng/ul m
RT: 23.327 min Scan# 3443
Delta R.T. -0.006 min
Lab File: BN023273.D
Acq: 17 Dec 2022 12:09

Instrument :
BNA_N
ClientSampleId :
DBYC6

Tgt Ion:252 Resp: 155832
Ion Ratio Lower Upper
252 100
253 24.7 17.9 26.9
125 42.6 9.0 13.6

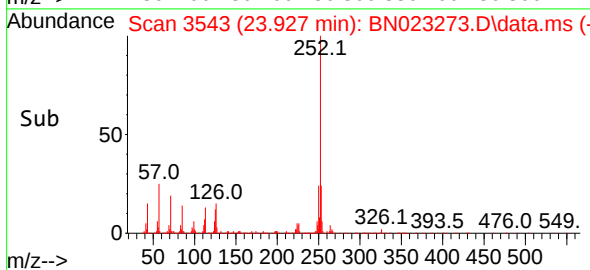
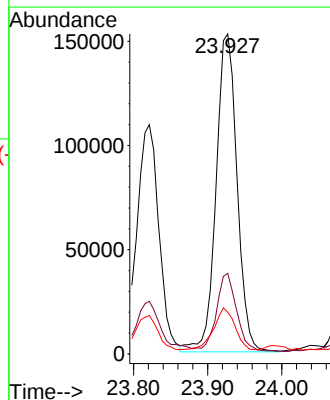
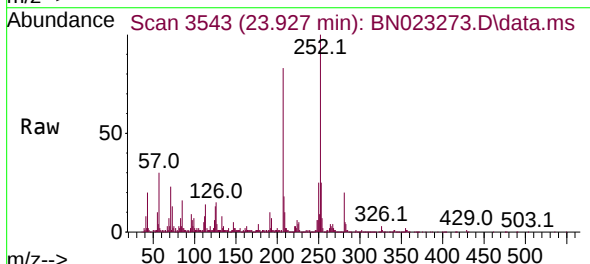
Manual Integrations
APPROVED

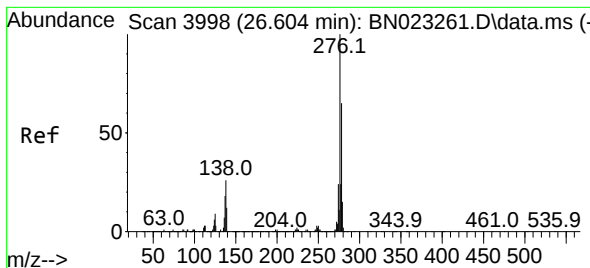
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#93
Benzo(a)pyrene
Concen: 3.315 ng/ul
RT: 23.927 min Scan# 3543
Delta R.T. -0.000 min
Lab File: BN023273.D
Acq: 17 Dec 2022 12:09

Tgt Ion:252 Resp: 301322
Ion Ratio Lower Upper
252 100
253 25.2 17.6 26.4
125 13.0 9.4 14.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.815 ng/ul

RT: 26.592 min Scan# 3996

Delta R.T. -0.006 min

Lab File: BN023273.D

Acq: 17 Dec 2022 12:09

Instrument :

BNA_N

ClientSampleId :

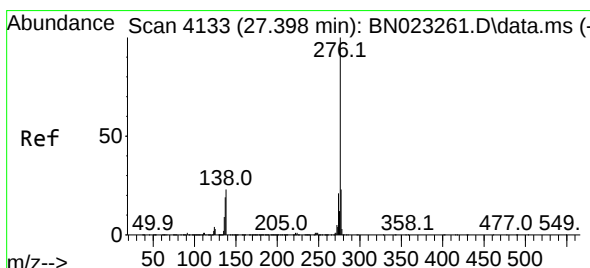
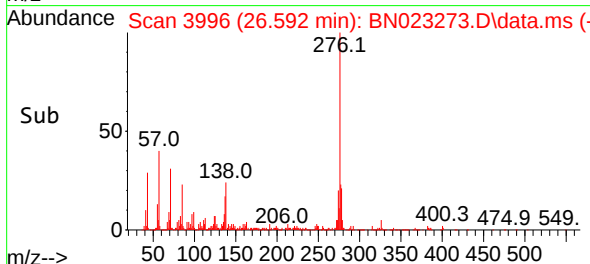
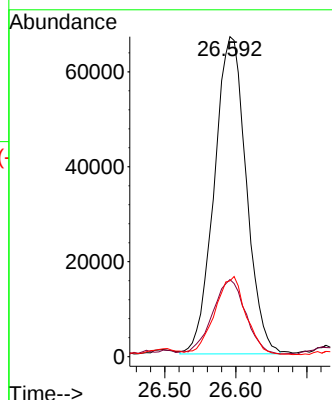
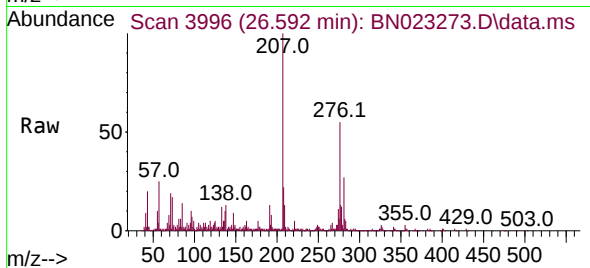
DBYC6

Tgt Ion:	276	Resp:	208934
Ion Ratio	Lower	Upper	
276	100		
138	24.1	20.6	30.8
277	23.7	18.2	27.2

Manual Integrations

APPROVED

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



#96

Benzo(g,h,i)perylene

Concen: 1.460 ng/ul

RT: 27.386 min Scan# 4131

Delta R.T. -0.006 min

Lab File: BN023273.D

Acq: 17 Dec 2022 12:09

Tgt Ion:	276	Resp:	133011
Ion Ratio	Lower	Upper	
276	100		
138	25.8	19.2	28.8
277	25.2	19.3	28.9

