

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
 Data File : BN023270.D
 Acq On : 17 Dec 2022 10:20
 Operator : CG/JU
 Sample : N5925-11
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXV7

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 00:14:35 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	237859	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1096943	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	740675	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.398	188	1700593	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1574834	20.000	ng/u1	0.00
88) Perylene-d12	24.039	264	1493142	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	24380	4.241	ng/uL	0.00
4) Pyridine-d5	3.775	84	238425	14.049	ng/u1	0.00
7) Phenol-d5	7.157	99	817721	36.964	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	413665	32.133	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	644089	38.638	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	642587	36.178	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	308385	36.386	ng/u1	0.00
24) 2-Nitrophenol-d4	9.898	143	350578	39.274	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	668069	39.644	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	535699	19.757	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	2035258	36.667	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	2393363	38.449	ng/u1	0.00
54) 4-Nitrophenol-d4	14.839	143	442071	35.660	ng/u1	0.00
60) Fluorene-d10	15.639	176	1768295	37.399	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	328700	32.835	ng/u1	0.00
73) Anthracene-d10	17.498	188	2849280	37.385	ng/u1	0.00
81) Pyrene-d10	19.792	212	3451360	40.288	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.880	264	2955208	40.379	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.439	178	209331	2.326	ng/u1	99
80) Fluoranthene	19.451	202	634030	6.364	ng/u1	99
82) Pyrene	19.816	202	580829	5.550	ng/u1	98
85) Benzo(a)anthracene	21.568	228	379878	3.600	ng/u1	96
87) Chrysene	21.621	228	479535	4.816	ng/u1	96
90) Benzo(b)fluoranthene	23.286	252	649833	6.900	ng/u1#	88
91) Benzo(k)fluoranthene	23.327	252	234187m	2.613	ng/u1	
93) Benzo(a)pyrene	23.927	252	384138	4.746	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.598	276	264958	2.584	ng/u1	96
96) Benzo(g,h,i)perylene	27.386	276	202618	2.498	ng/u1	98

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

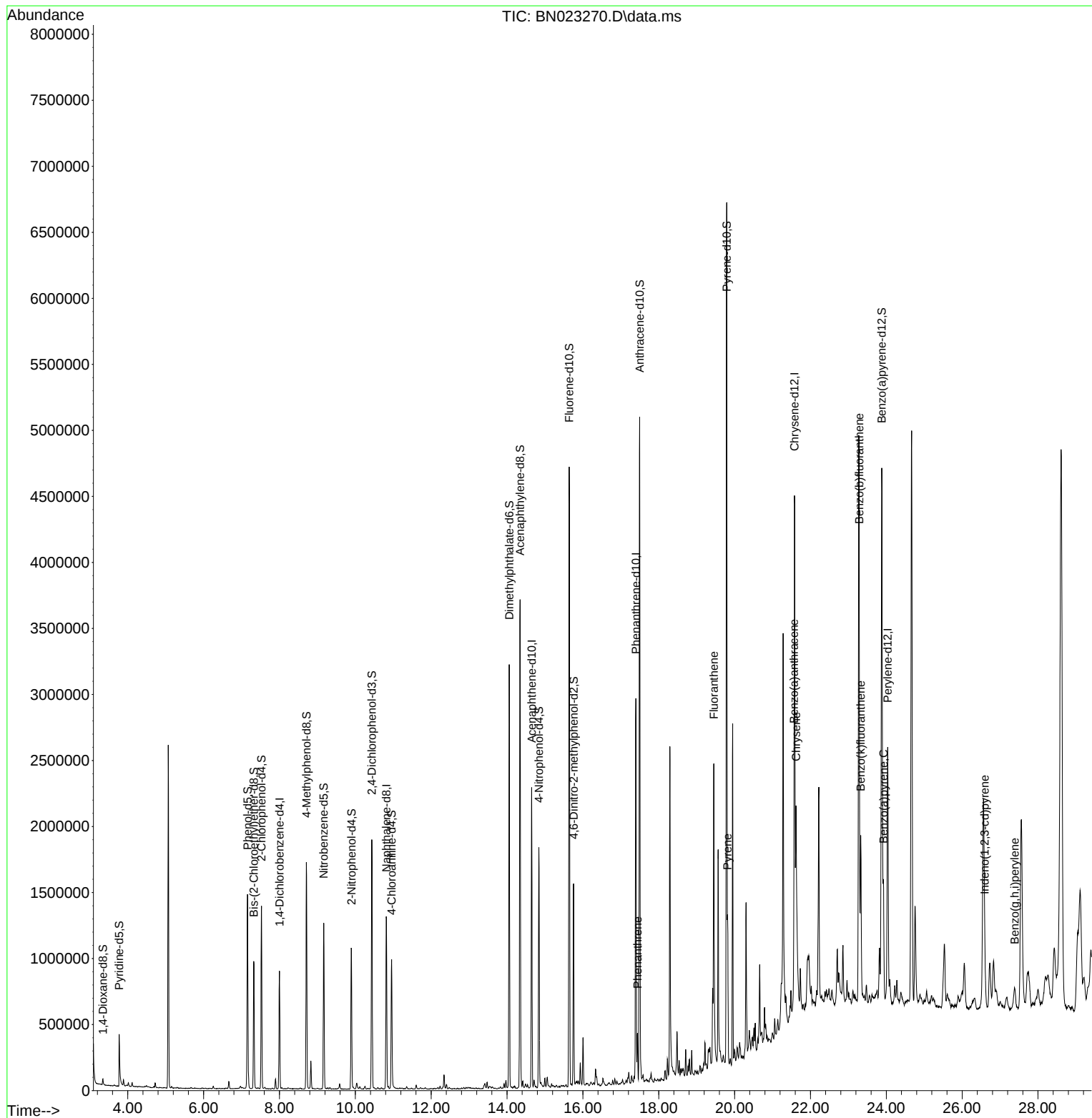
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
Data File : BN023270.D
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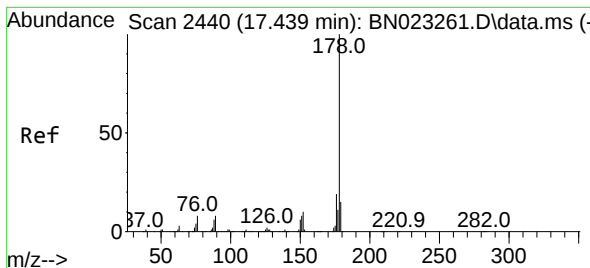
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
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#72

Phenanthrene

Concen: 2.326 ng/ul

RT: 17.439 min Scan# 2440

Delta R.T. -0.000 min

Lab File: BN023270.D

Acq: 17 Dec 2022 10:20

Instrument :

BNA_N

ClientSampleId :

DBXV7

Tgt Ion:178 Resp: 20933

Ion Ratio Lower Upper

178 100

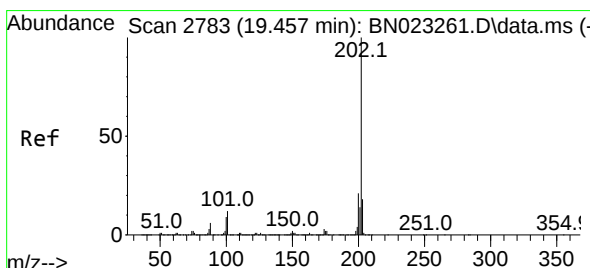
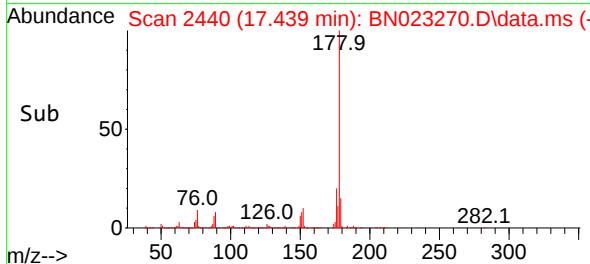
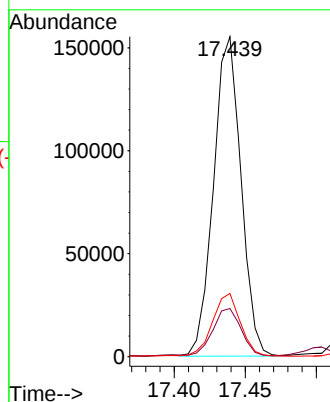
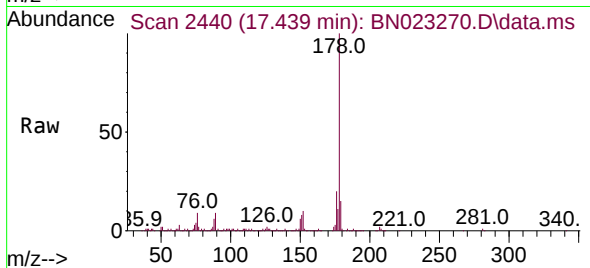
179 15.0 12.3 18.5

176 19.7 15.4 23.0

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#80

Fluoranthene

Concen: 6.364 ng/ul

RT: 19.451 min Scan# 2782

Delta R.T. -0.000 min

Lab File: BN023270.D

Acq: 17 Dec 2022 10:20

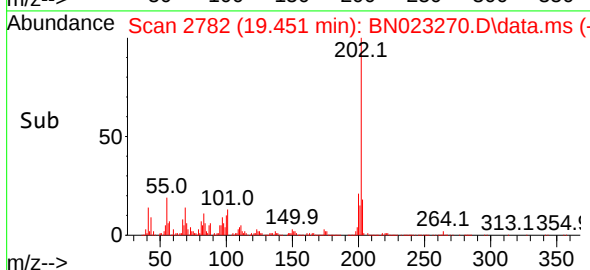
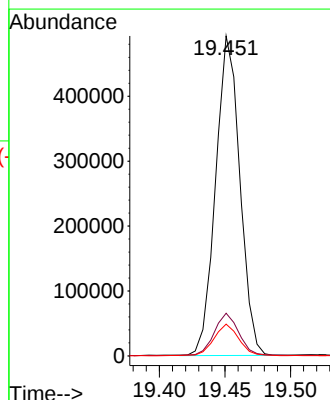
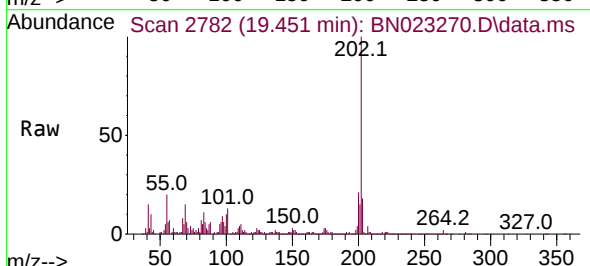
Tgt Ion:202 Resp: 634030

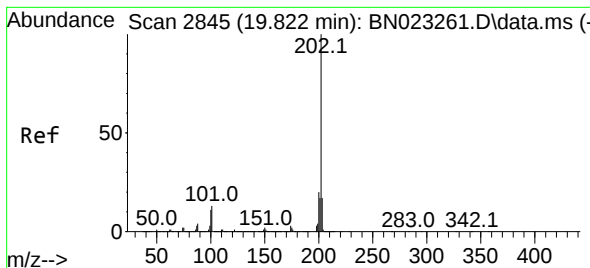
Ion Ratio Lower Upper

202 100

101 13.3 10.4 15.6

100 9.9 7.6 11.4





#82

Pyrene

Concen: 5.550 ng/ul

RT: 19.816 min Scan# 2844

Delta R.T. -0.000 min

Lab File: BN023270.D

Acq: 17 Dec 2022 10:20

Instrument :

BNA_N

ClientSampleId :

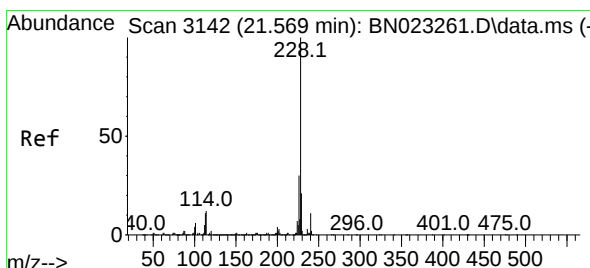
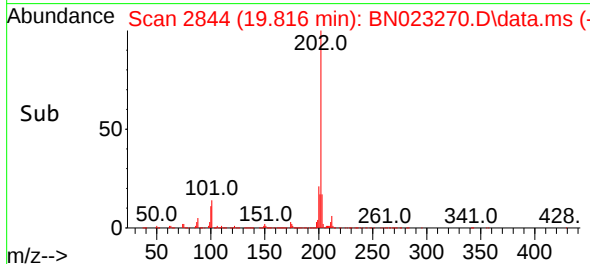
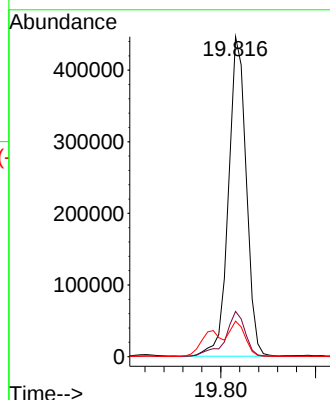
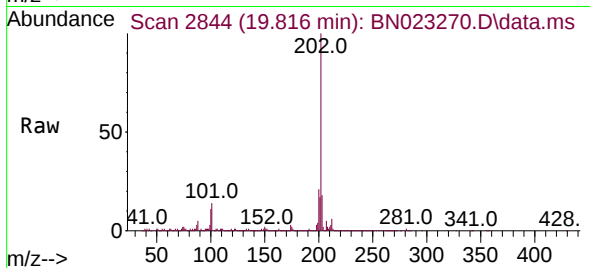
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Tgt Ion:202 Resp: 580829
 Ion Ratio Lower Upper
 202 100
 101 14.1 12.0 18.0
 100 11.1 9.5 14.3

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#85

Benzo(a)anthracene

Concen: 3.600 ng/ul

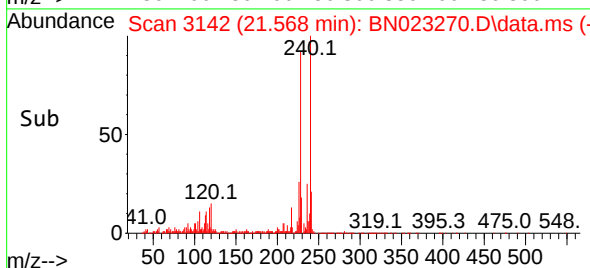
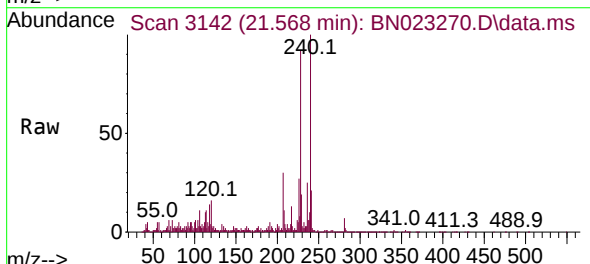
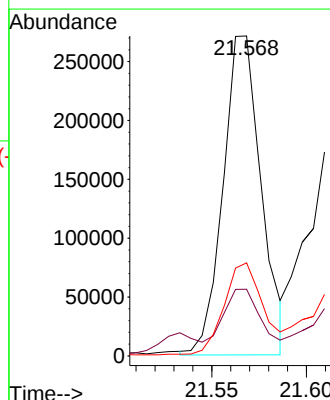
RT: 21.568 min Scan# 3142

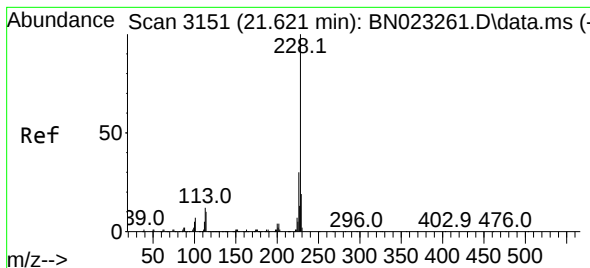
Delta R.T. -0.000 min

Lab File: BN023270.D

Acq: 17 Dec 2022 10:20

Tgt Ion:228 Resp: 379878
 Ion Ratio Lower Upper
 228 100
 229 20.8 15.5 23.3
 226 29.1 21.4 32.0





#87

Chrysene

Concen: 4.816 ng/ul

RT: 21.621 min Scan# 3151

Delta R.T. -0.000 min

Lab File: BN023270.D

Acq: 17 Dec 2022 10:20

Instrument :

BNA_N

ClientSampleId :

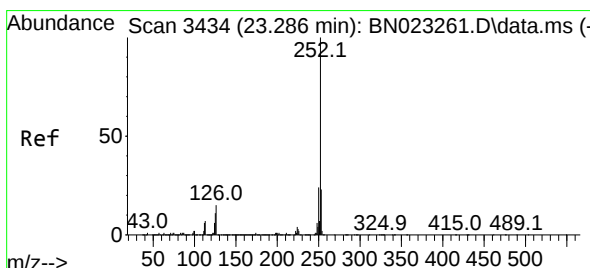
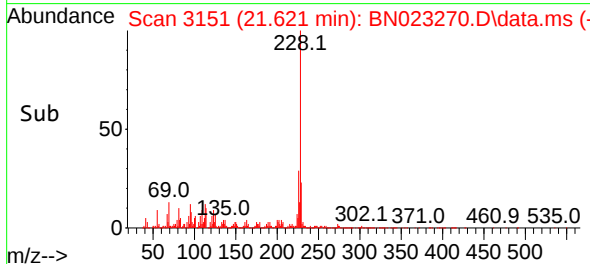
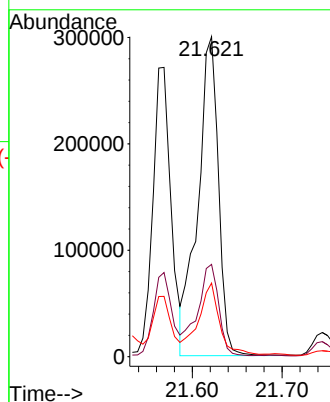
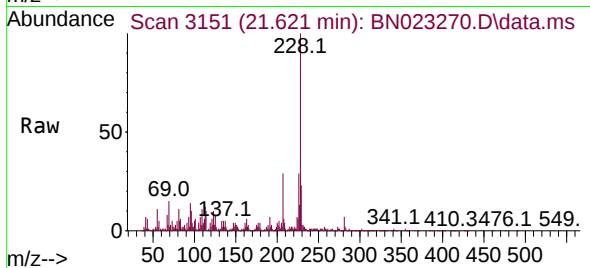
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Tgt Ion:228	Resp: 479535
Ion Ratio	Lower Upper
228 100	
226 28.8	24.6 36.8
229 23.0	16.5 24.7

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#90

Benzo(b)fluoranthene

Concen: 6.900 ng/ul

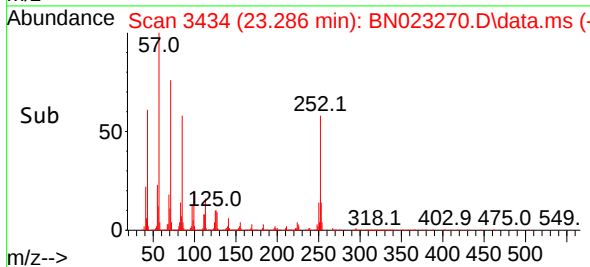
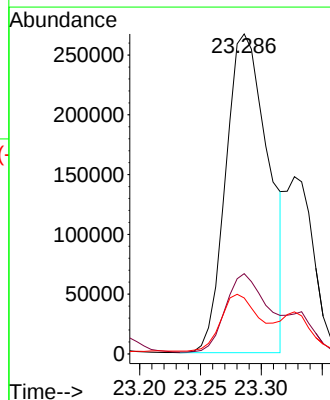
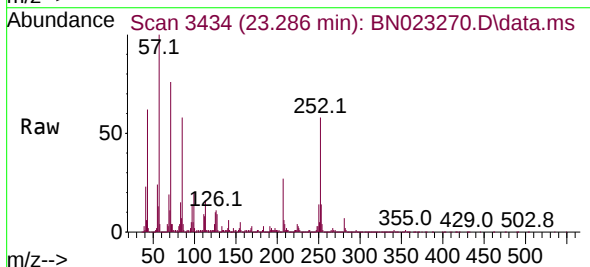
RT: 23.286 min Scan# 3434

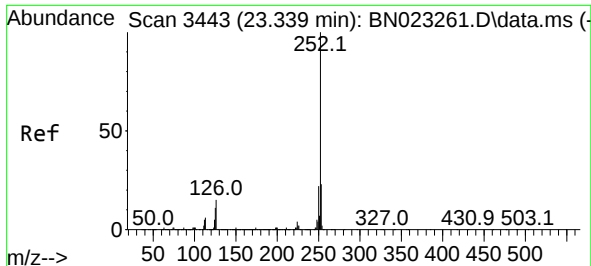
Delta R.T. 0.006 min

Lab File: BN023270.D

Acq: 17 Dec 2022 10:20

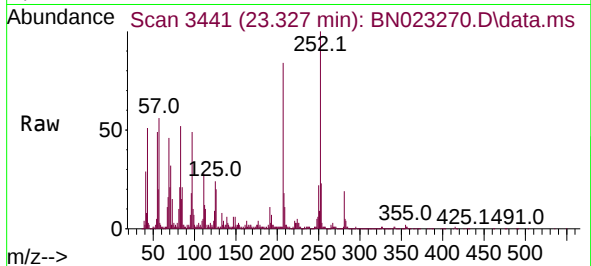
Tgt Ion:252	Resp: 649833
Ion Ratio	Lower Upper
252 100	
253 25.1	16.8 25.2
125 17.5	8.8 13.2





#91
Benzo(k)fluoranthene
Concen: 2.613 ng/ul m
RT: 23.327 min Scan# 3443
Delta R.T. -0.006 min
Lab File: BN023270.D
Acq: 17 Dec 2022 10:20

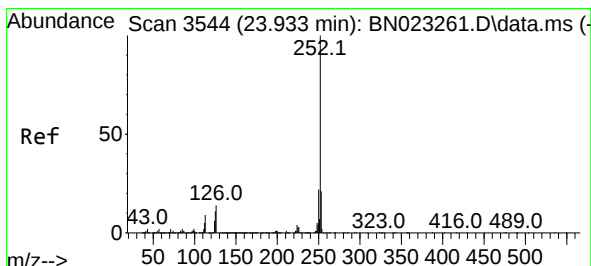
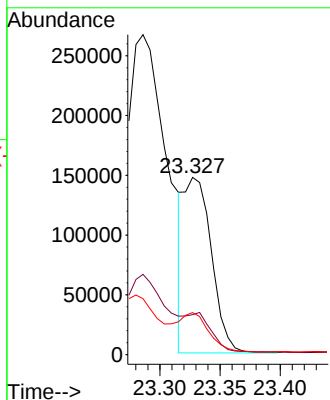
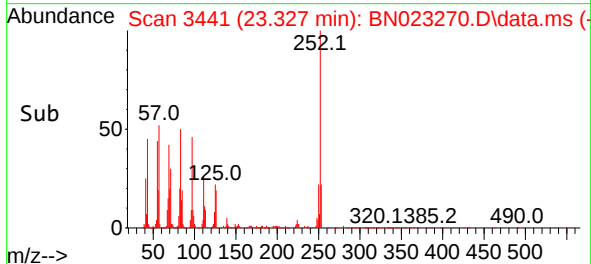
Instrument :
BNA_N
ClientSampleId :
DBXV7



Tgt Ion:252 Resp: 234187
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 23.7 9.0 13.6

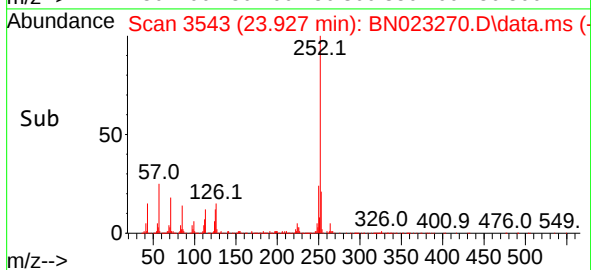
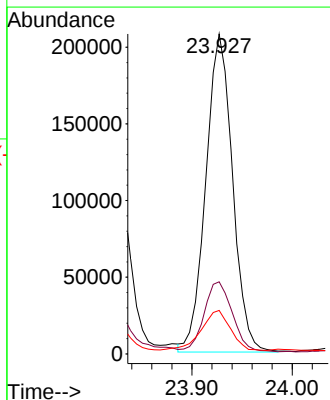
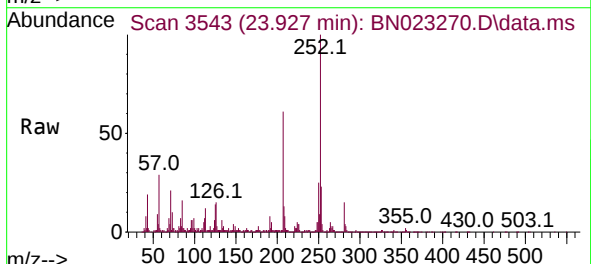
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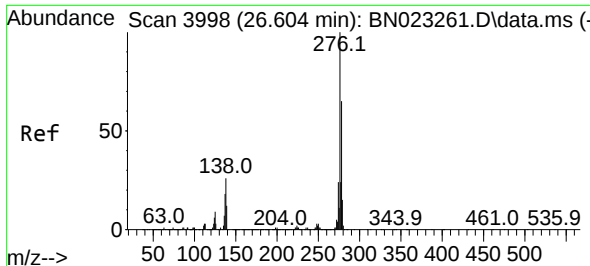
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#93
Benzo(a)pyrene
Concen: 4.746 ng/ul
RT: 23.927 min Scan# 3543
Delta R.T. -0.000 min
Lab File: BN023270.D
Acq: 17 Dec 2022 10:20

Tgt Ion:252 Resp: 384138
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 13.6 9.4 14.2





#94
Indeno(1,2,3-cd)pyrene
Concen: 2.584 ng/ul
RT: 26.598 min Scan# 3998
Delta R.T. -0.000 min
Lab File: BN023270.D
Acq: 17 Dec 2022 10:20

Instrument :

BNA_N

ClientSampleId :

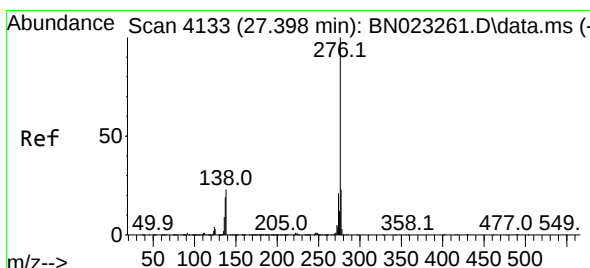
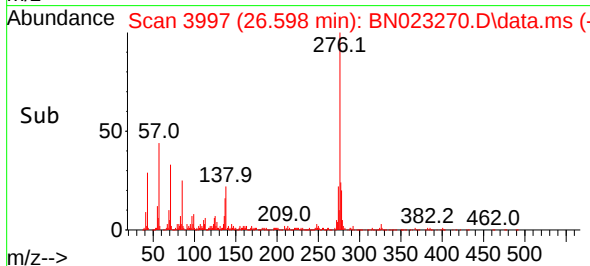
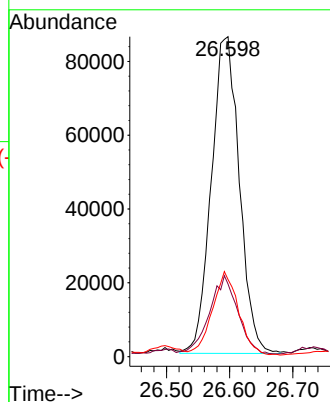
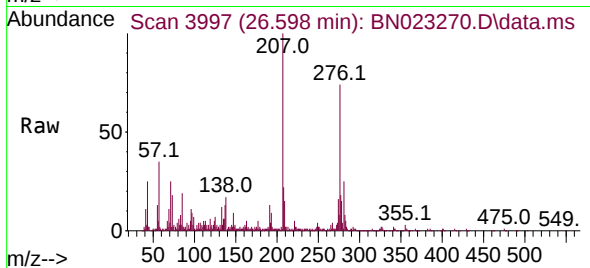
DBXV7

Tgt Ion:276 Resp: 264958
Ion Ratio Lower Upper
276 100
138 22.7 20.6 30.8
277 24.1 18.2 27.2

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#96
Benzo(g,h,i)perylene
Concen: 2.498 ng/ul
RT: 27.386 min Scan# 4131
Delta R.T. -0.006 min
Lab File: BN023270.D
Acq: 17 Dec 2022 10:20

Tgt Ion:276 Resp: 202618
Ion Ratio Lower Upper
276 100
138 24.5 19.2 28.8
277 22.8 19.3 28.9

