

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
 Data File : BN023275.D
 Acq On : 17 Dec 2022 13:23
 Operator : CG/JU
 Sample : N5925-21
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYD0

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 00:15:34 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)

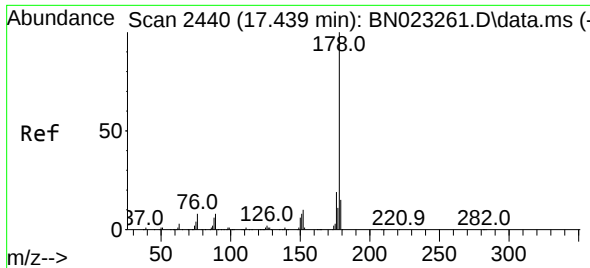
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	297679	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1395462	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	924266	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.398	188	2075141	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	1815491	20.000	ng/u1	0.00
88) Perylene-d12	24.039	264	1651649	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	30073	4.180	ng/uL	0.00
4) Pyridine-d5	3.781	84	106392	5.009	ng/u1	0.00
7) Phenol-d5	7.157	99	771105	27.852	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	440084	27.315	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	633034	30.344	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	606727	27.295	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	332269	30.818	ng/u1	0.00
24) 2-Nitrophenol-d4	9.898	143	380822	33.535	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	661675	30.865	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	680609	19.731	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	2052118	29.627	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	2384224	30.694	ng/u1	0.00
54) 4-Nitrophenol-d4	14.845	143	397187	25.675	ng/u1	0.00
60) Fluorene-d10	15.639	176	1791978	30.372	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	321810	26.344	ng/u1	0.00
73) Anthracene-d10	17.498	188	2763379	29.714	ng/u1	0.00
81) Pyrene-d10	19.792	212	3274539	33.157	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.880	264	2449363	30.256	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.439	178	136784	1.246	ng/u1	98
80) Fluoranthene	19.451	202	433450	3.774	ng/u1	99
82) Pyrene	19.816	202	337513	2.797	ng/u1	99
85) Benzo(a)anthracene	21.568	228	257218	2.115	ng/u1	92
87) Chrysene	21.621	228	258965	2.256	ng/u1	99
90) Benzo(b)fluoranthene	23.286	252	370098	3.553	ng/u1#	94
91) Benzo(k)fluoranthene	23.327	252	131853m	1.330	ng/u1	
93) Benzo(a)pyrene	23.927	252	226068	2.525	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	26.598	276	148815	1.312	ng/u1	98
96) Benzo(g,h,i)perylene	27.392	276	118868	1.325	ng/u1#	93

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

Manual Integrations

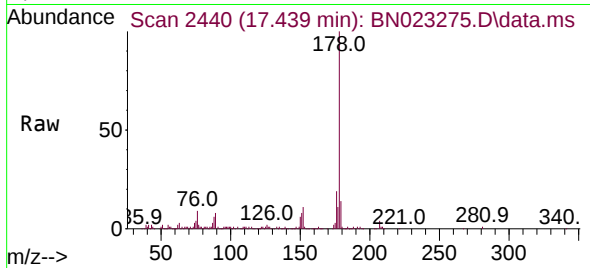
Quant Time: Dec 19 00:15:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 23:22:36 2022
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.246 ng/ul
RT: 17.439 min Scan# 2440
Delta R.T. -0.000 min
Lab File: BN023275.D
Acq: 17 Dec 2022 13:23

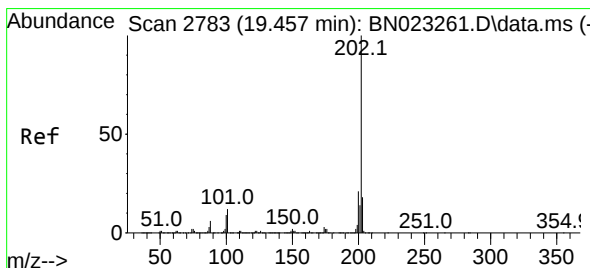
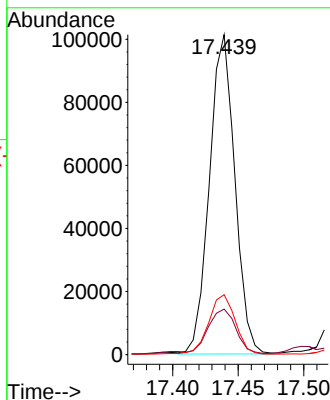
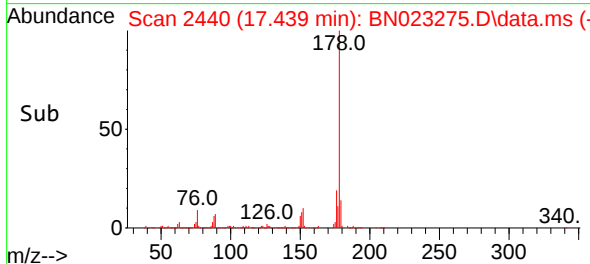
Instrument :
BNA_N
ClientSampleId :
DBYD0



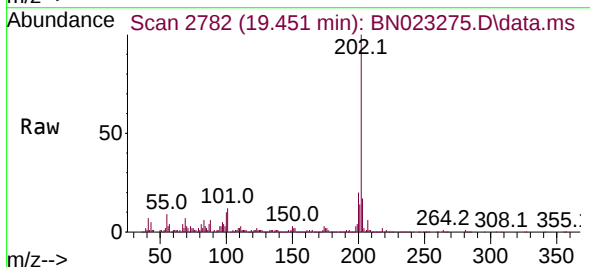
Tgt Ion:178 Resp: 136784
Ion Ratio Lower Upper
178 100
179 14.2 12.3 18.5
176 18.7 15.4 23.0

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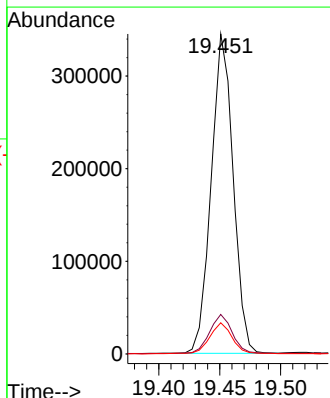
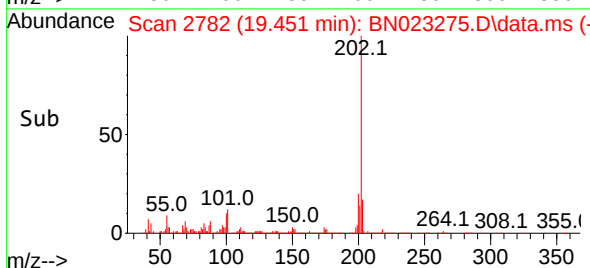
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

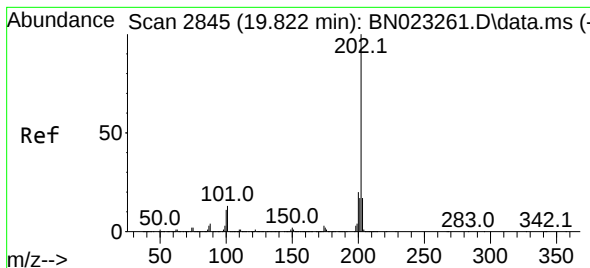


#80
Fluoranthene
Concen: 3.774 ng/ul
RT: 19.451 min Scan# 2782
Delta R.T. -0.000 min
Lab File: BN023275.D
Acq: 17 Dec 2022 13:23



Tgt Ion:202 Resp: 433450
Ion Ratio Lower Upper
202 100
101 12.3 10.4 15.6
100 9.7 7.6 11.4





#82

Pyrene

Concen: 2.797 ng/ul

RT: 19.816 min Scan# 2844

Delta R.T. -0.000 min

Lab File: BN023275.D

Acq: 17 Dec 2022 13:23

Instrument :

BNA_N

ClientSampleId :

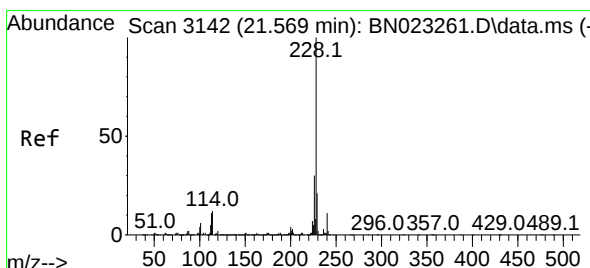
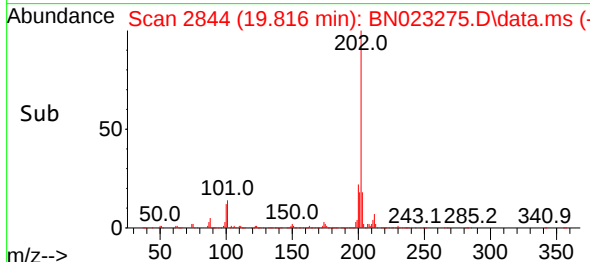
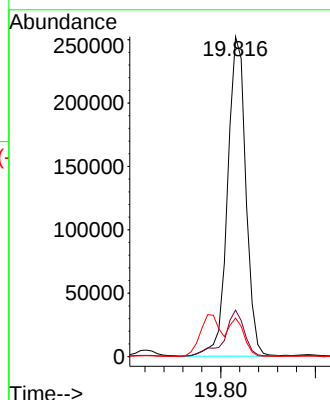
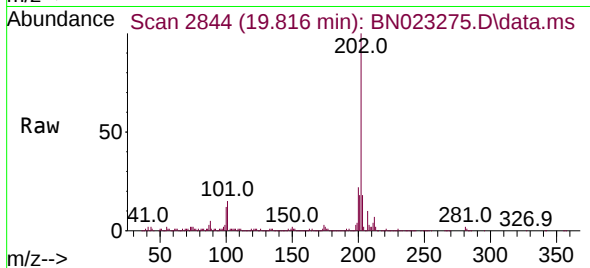
DBYD0

Tgt Ion:202 Resp: 337513
 Ion Ratio Lower Upper
 202 100
 101 14.5 12.0 18.0
 100 12.0 9.5 14.3

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#85

Benzo(a)anthracene

Concen: 2.115 ng/ul

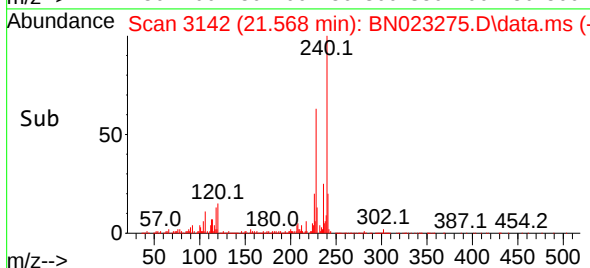
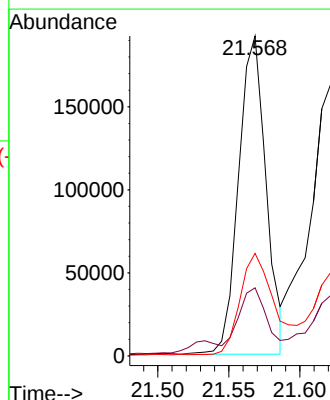
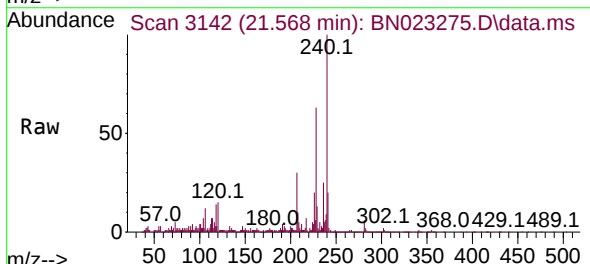
RT: 21.568 min Scan# 3142

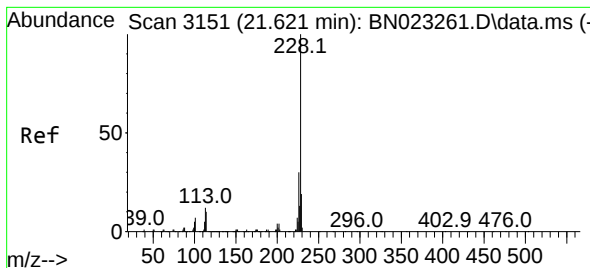
Delta R.T. -0.000 min

Lab File: BN023275.D

Acq: 17 Dec 2022 13:23

Tgt Ion:228 Resp: 257218
 Ion Ratio Lower Upper
 228 100
 229 21.3 15.5 23.3
 226 32.0 21.4 32.0





#87

Chrysene

Concen: 2.256 ng/ul

RT: 21.621 min Scan# 3151

Delta R.T. -0.000 min

Lab File: BN023275.D

Acq: 17 Dec 2022 13:23

Instrument :

BNA_N

ClientSampleId :

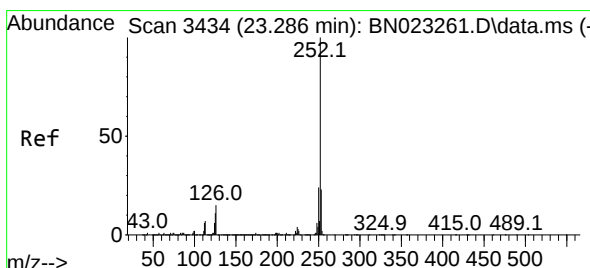
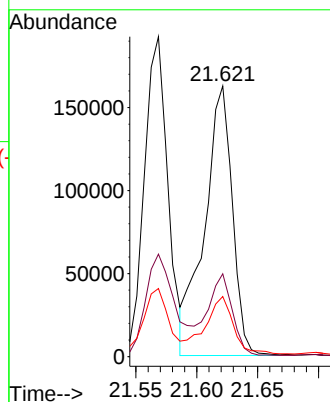
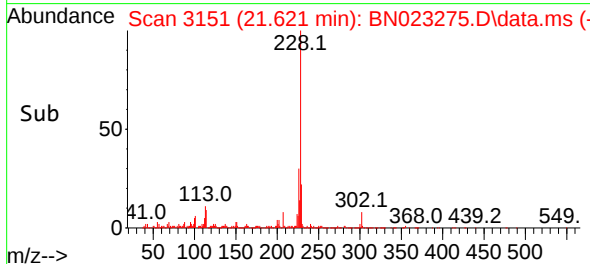
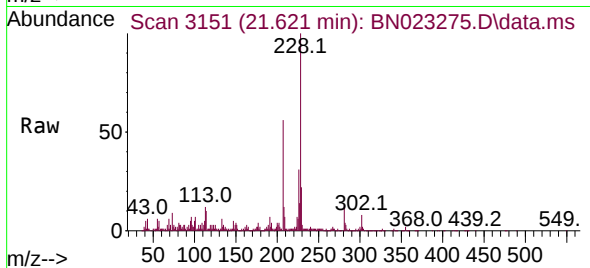
DBYD0

Tgt Ion:	228	Resp:	258965
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.6	36.8
229	22.2	16.5	24.7

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 3.553 ng/ul

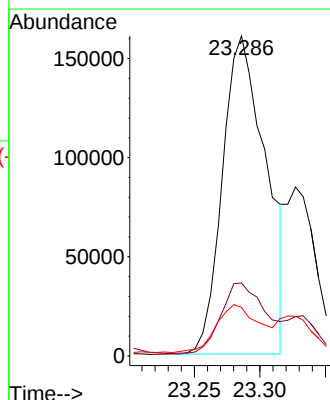
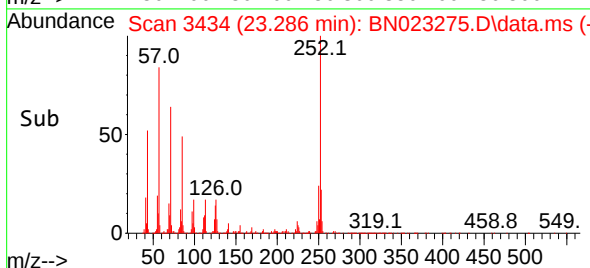
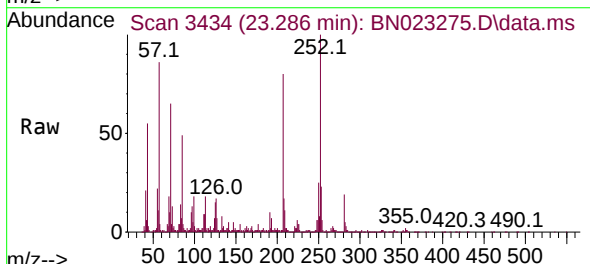
RT: 23.286 min Scan# 3434

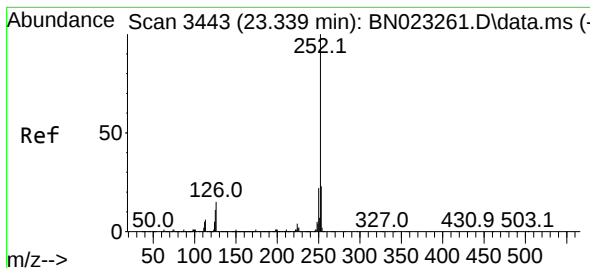
Delta R.T. 0.006 min

Lab File: BN023275.D

Acq: 17 Dec 2022 13:23

Tgt Ion:	252	Resp:	370098
Ion Ratio	Lower	Upper	
252	100		
253	22.8	16.8	25.2
125	15.2	8.8	13.2





#91

Benzo(k)fluoranthene

Concen: 1.330 ng/ul m

RT: 23.327 min Scan# 3443

Delta R.T. -0.006 min

Lab File: BN023275.D

Acq: 17 Dec 2022 13:23

Instrument :

BNA_N

ClientSampleId :

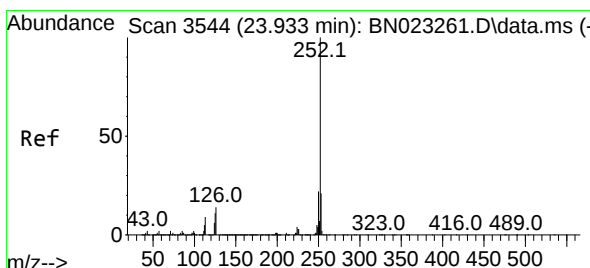
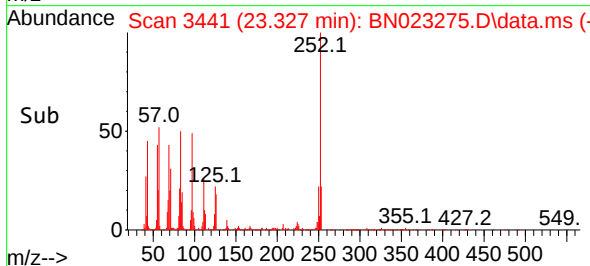
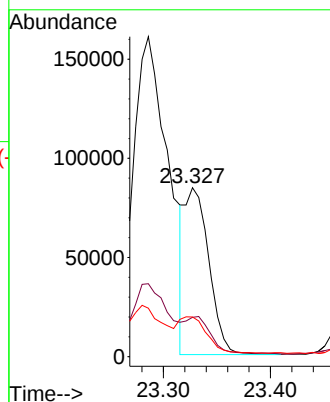
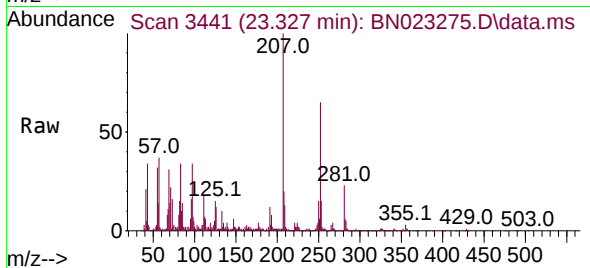
DBYD0

Tgt Ion:	252	Resp:	131853
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.9	26.9
125	23.5	9.0	13.6

Manual Integrations

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Supervised By :mohammad ahmed 12/19/2022



#93

Benzo(a)pyrene

Concen: 2.525 ng/ul

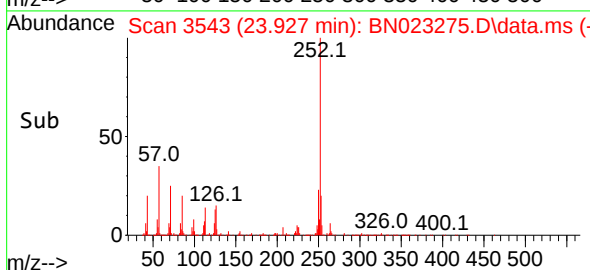
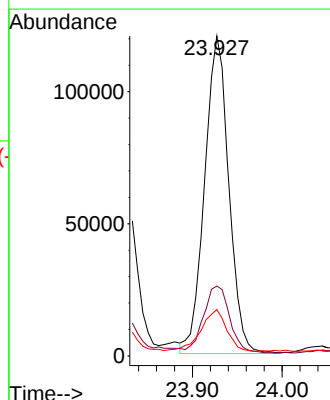
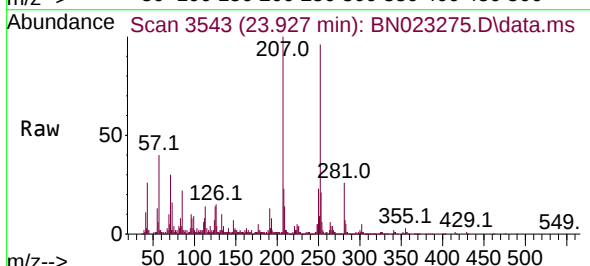
RT: 23.927 min Scan# 3543

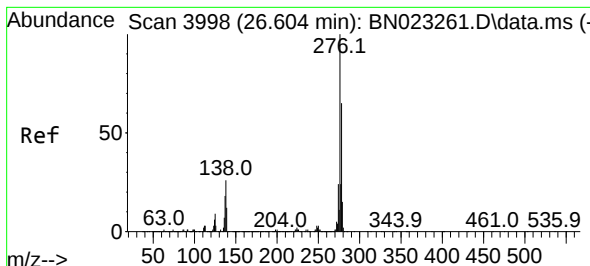
Delta R.T. -0.000 min

Lab File: BN023275.D

Acq: 17 Dec 2022 13:23

Tgt Ion:	252	Resp:	226068
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.6	26.4
125	14.5	9.4	14.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.312 ng/ul

RT: 26.598 min Scan# 3998

Delta R.T. -0.000 min

Lab File: BN023275.D

Acq: 17 Dec 2022 13:23

Instrument :

BNA_N

ClientSampleId :

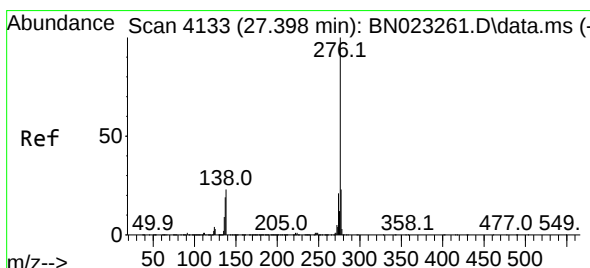
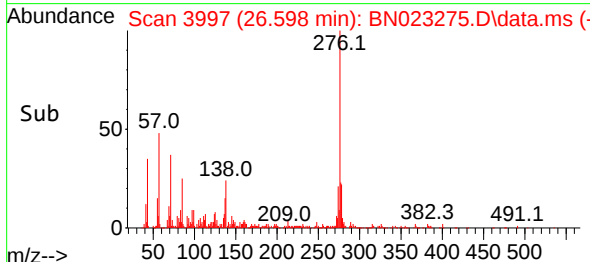
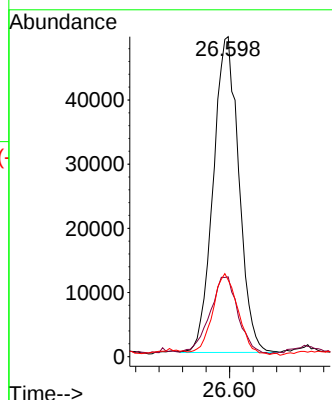
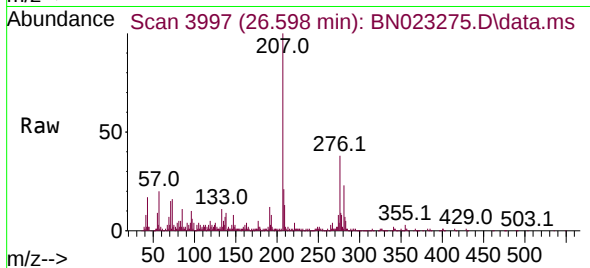
DBYD0

Tgt Ion:	276	Resp:	148815
Ion Ratio	Lower	Upper	
276	100		
138	24.9	20.6	30.8
277	23.9	18.2	27.2

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 12/19/2022



#96

Benzo(g,h,i)perylene

Concen: 1.325 ng/ul

RT: 27.392 min Scan# 4132

Delta R.T. -0.000 min

Lab File: BN023275.D

Acq: 17 Dec 2022 13:23

Tgt Ion:	276	Resp:	118868
Ion Ratio	Lower	Upper	
276	100		
138	29.0	19.2	28.8
277	26.0	19.3	28.9

