

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
 Data File : BN031726.D
 Acq On : 30 May 2024 21:36
 Operator : MA/JU
 Sample : P2549-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH626

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 30 23:48:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	399376	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	1826125	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1239336	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	2586834	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	2139491	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1803609	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	46423	4.809	ng/uL	0.00
4) Pyridine-d5	3.593	84	501800	18.466	ng/u1	0.00
7) Phenol-d5	6.852	99	891648	26.043	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	521406	26.036	ng/u1	0.00
11) 2-Chlorophenol-d4	7.217	132	704298	26.960	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	643584	23.060	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	372184	26.656	ng/u1	0.00
24) 2-Nitrophenol-d4	9.558	143	400605	27.775	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	697619	25.908	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	711079	17.786	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	2321383	26.887	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2668675	26.881	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	441898	25.562	ng/u1	0.00
60) Fluorene-d10	15.322	176	2019406	27.643	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.446	200	301873m	23.216	ng/u1	0.00
73) Anthracene-d10	17.175	188	2969560	26.814	ng/u1	0.00
81) Pyrene-d10	19.469	212	3579767	31.267	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.051	264	2420447	28.105	ng/u1	0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.116	178	683551	5.187	ng/u1	98
80) Fluoranthene	19.134	202	1768074	12.922	ng/u1	99
82) Pyrene	19.498	202	1671659	11.908	ng/u1	98
85) Benzo(a)anthracene	21.286	228	828031	5.782	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.222	149	197082	2.039	ng/u1	99
87) Chrysene	21.351	228	907085	6.781	ng/u1	97
90) Benzo(b)fluoranthene	23.322	252	971007	9.007	ng/u1	98
91) Benzo(k)fluoranthene	23.375	252	352215m	3.329	ng/u1	
93) Benzo(a)pyrene	24.110	252	632367	6.263	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.545	276	399138	3.430	ng/u1	98
95) Dibenzo(a,h)anthracene	27.592	278	105547m	1.111	ng/u1	
96) Benzo(g,h,i)perylene	28.580	276	379650	4.105	ng/u1	99

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

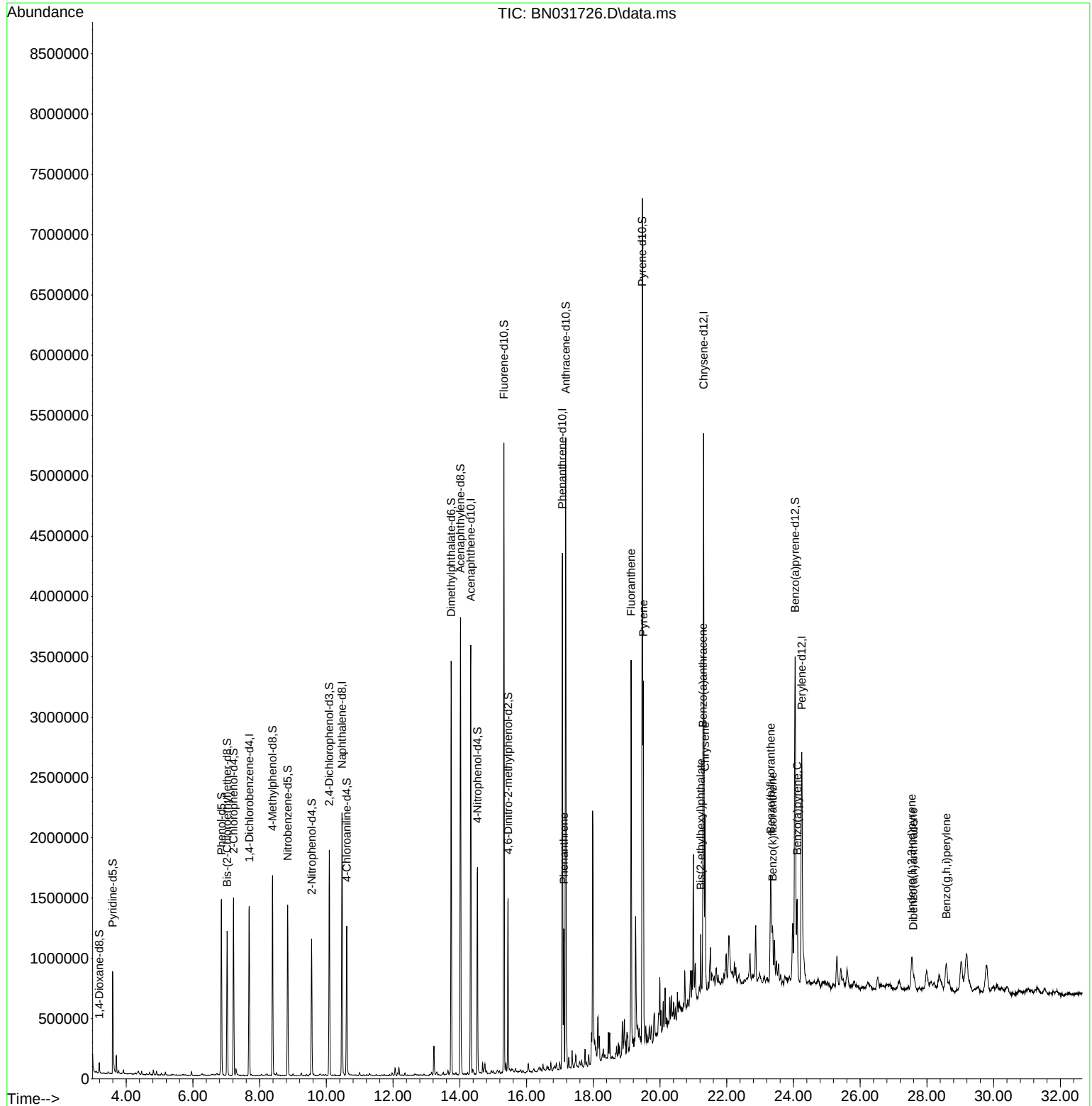
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
Data File : BN031726.D
Acq On : 30 May 2024 21:36
Operator : MA/JU
Sample : P2549-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

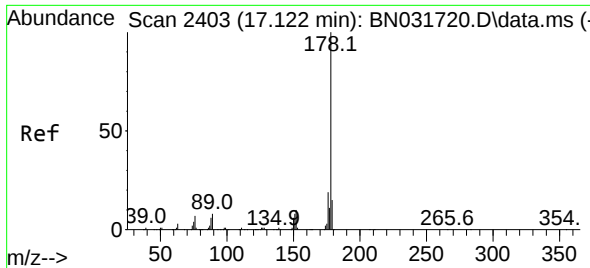
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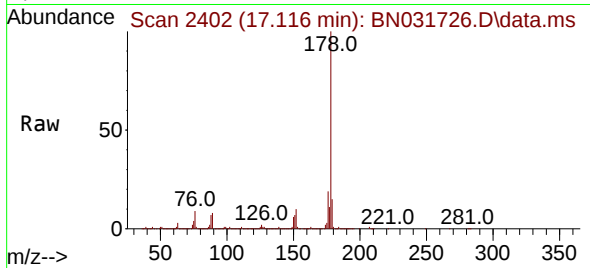
Quant Time: May 30 23:48:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 5.187 ng/u1
RT: 17.116 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN031726.D
Acq: 30 May 2024 21:36

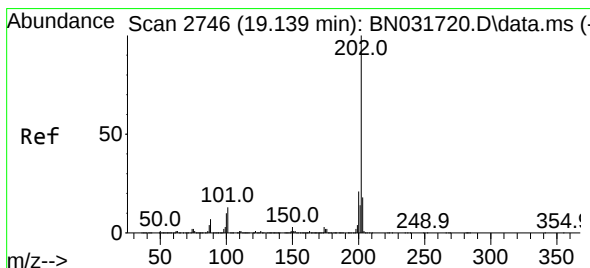
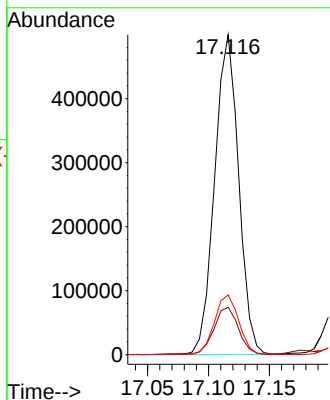
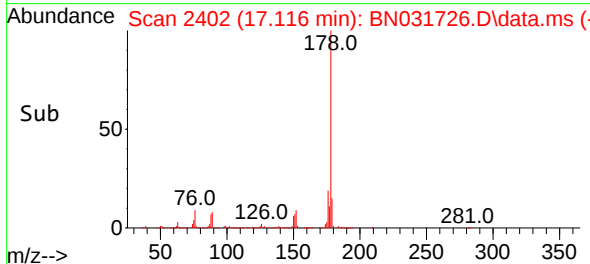
Instrument :
BNA_N
ClientSampleId :
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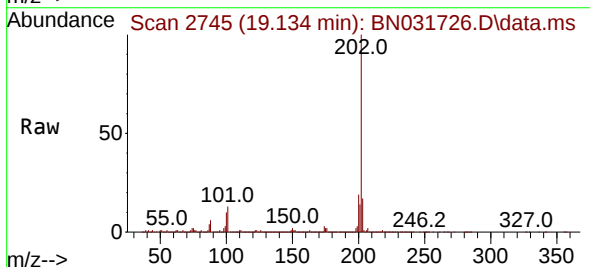
Tgt Ion:178 Resp: 68355
Ion Ratio Lower Upper
178 100
179 14.9 12.6 19.0
176 18.6 15.8 23.6

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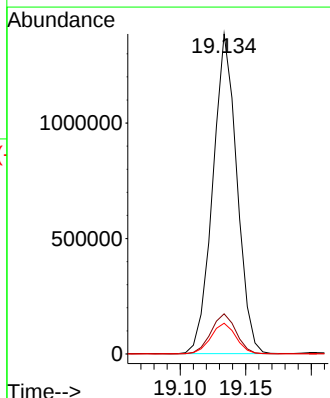
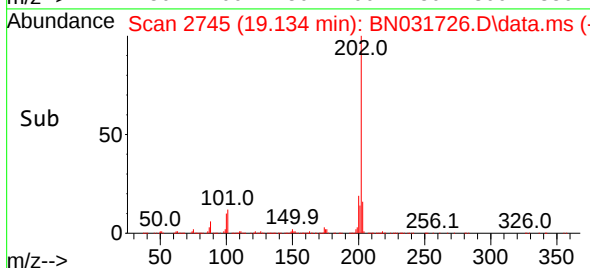
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

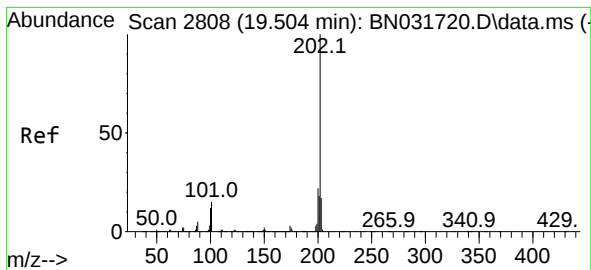


#80
Fluoranthene
Concen: 12.922 ng/u1
RT: 19.134 min Scan# 2745
Delta R.T. 0.000 min
Lab File: BN031726.D
Acq: 30 May 2024 21:36



Tgt Ion:202 Resp: 1768074
Ion Ratio Lower Upper
202 100
101 12.5 10.3 15.5
100 9.6 8.0 12.0





#82

Pyrene

Concen: 11.908 ng/ul

RT: 19.498 min Scan# 2807

Delta R.T. 0.006 min

Lab File: BN031726.D

Acq: 30 May 2024 21:36

Instrument :

BNA_N

ClientSampleId :

BH626

Tgt Ion:202 Resp: 1671659

Ion Ratio Lower Upper

202 100

101 15.0 12.6 18.8

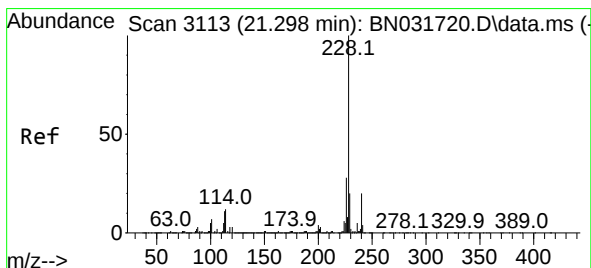
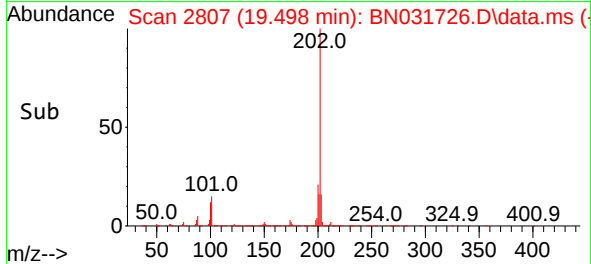
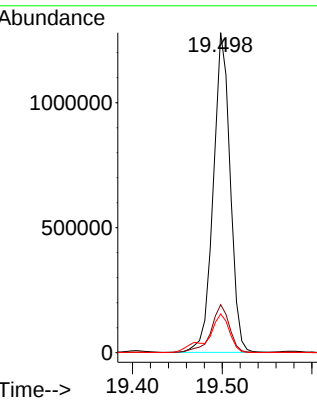
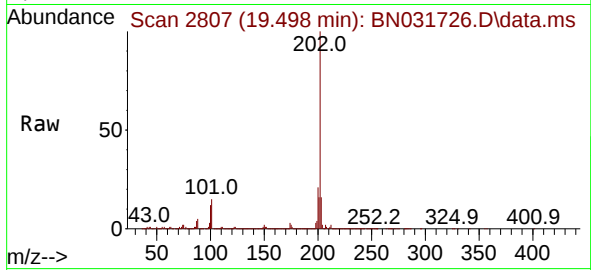
100 12.1 10.2 15.2

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#85

Benzo(a)anthracene

Concen: 5.782 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. 0.000 min

Lab File: BN031726.D

Acq: 30 May 2024 21:36

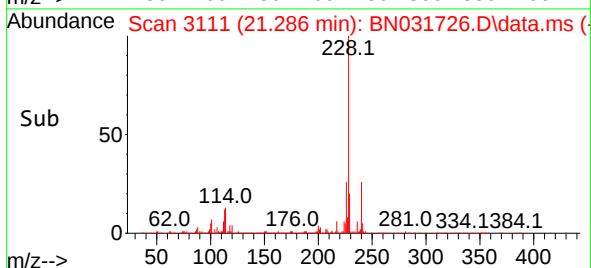
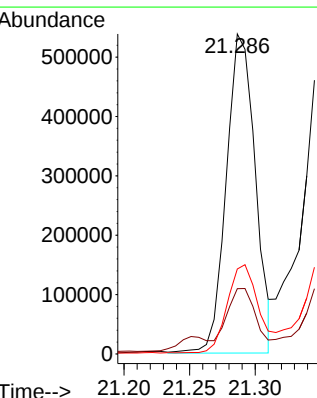
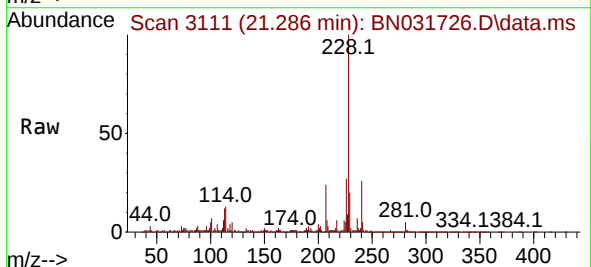
Tgt Ion:228 Resp: 828031

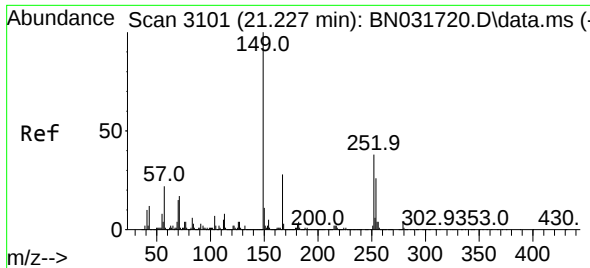
Ion Ratio Lower Upper

228 100

229 20.4 16.7 25.1

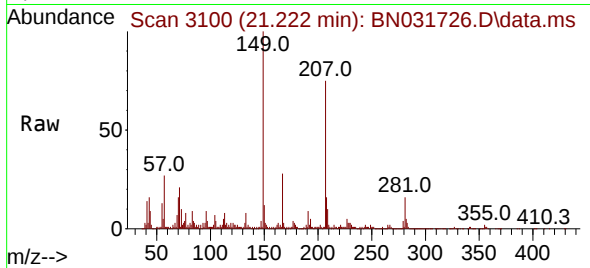
226 26.6 22.8 34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.039 ng/ul
RT: 21.222 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BN031726.D
Acq: 30 May 2024 21:36

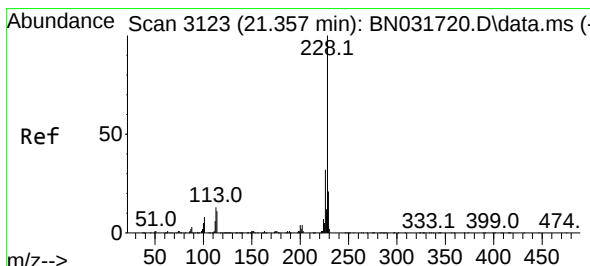
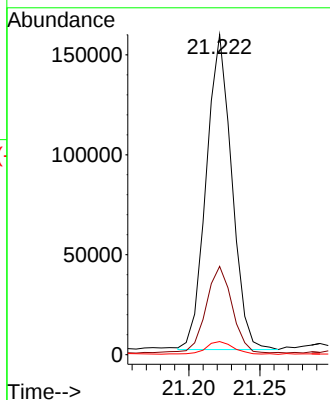
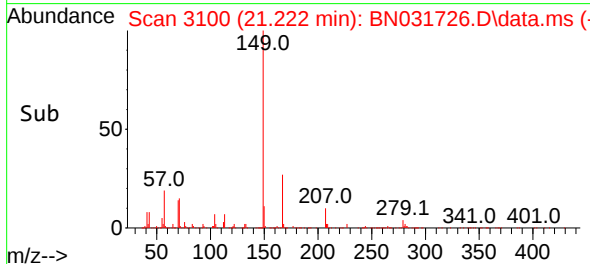
Instrument :
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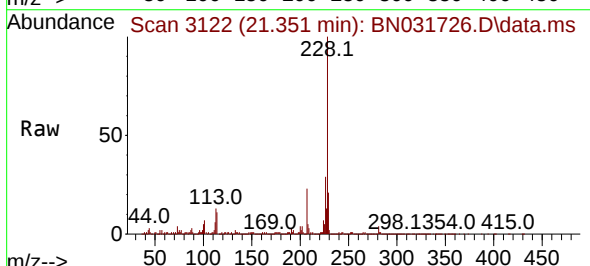
Tgt Ion:149 Resp: 197085
Ion Ratio Lower Upper
149 100
167 27.6 21.4 32.0
279 4.1 3.3 4.9

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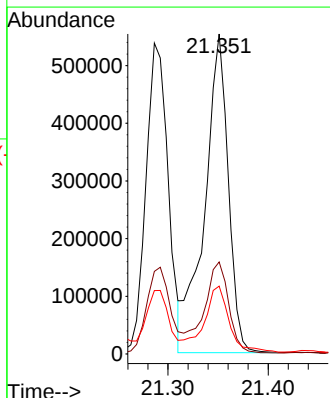
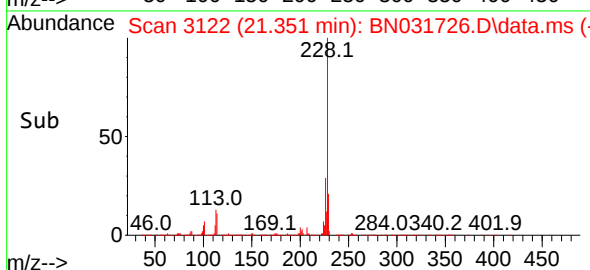
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

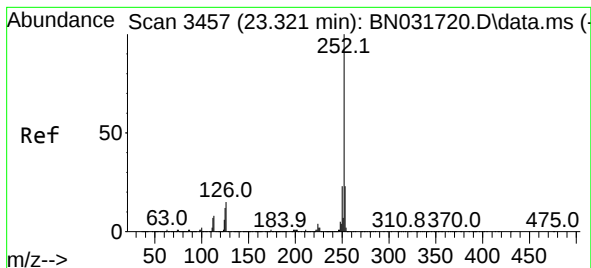


#87
Chrysene
Concen: 6.781 ng/ul
RT: 21.351 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BN031726.D
Acq: 30 May 2024 21:36



Tgt Ion:228 Resp: 907085
Ion Ratio Lower Upper
228 100
226 28.8 23.7 35.5
229 21.2 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 9.007 ng/ul

RT: 23.322 min Scan# 3457

Delta R.T. 0.012 min

Lab File: BN031726.D

Acq: 30 May 2024 21:36

Instrument :

BNA_N

ClientSampleId :

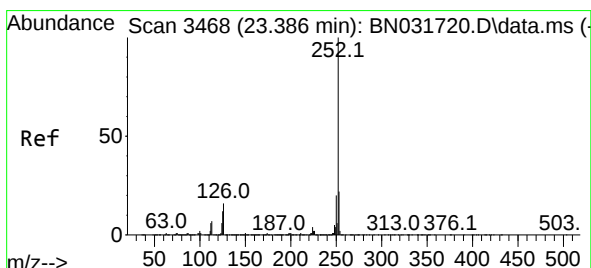
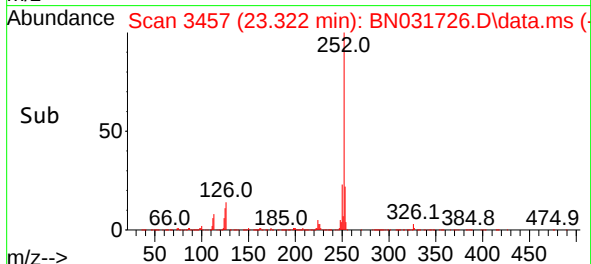
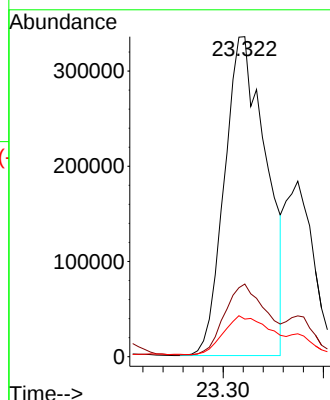
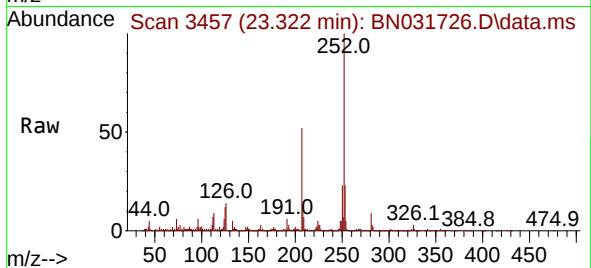
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Tgt Ion:252	Resp: 97100
Ion Ratio	Lower Upper
252	100
253	22.7 17.0 25.6
125	11.8 9.2 13.8

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 3.329 ng/ul m

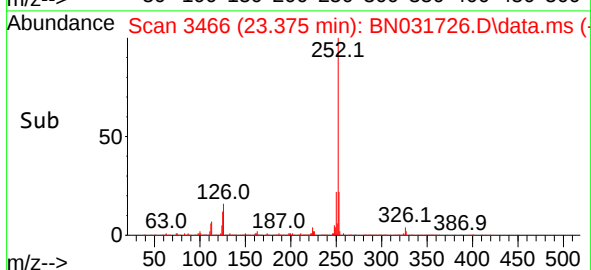
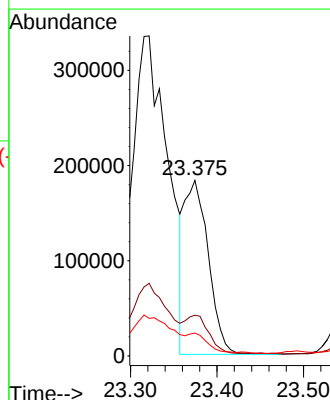
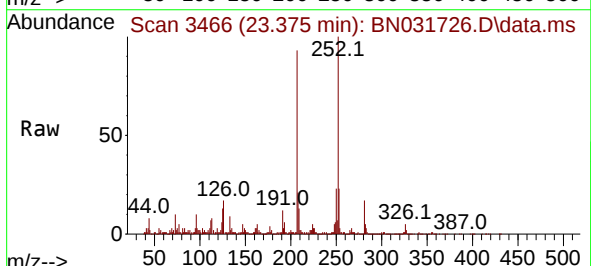
RT: 23.375 min Scan# 3466

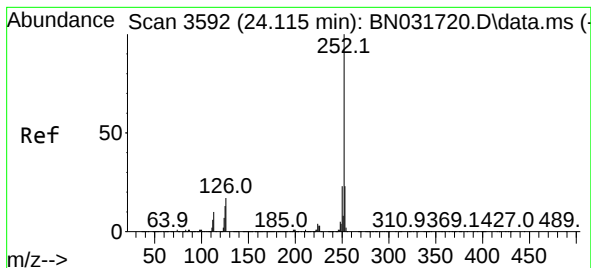
Delta R.T. 0.000 min

Lab File: BN031726.D

Acq: 30 May 2024 21:36

Tgt Ion:252	Resp: 352215
Ion Ratio	Lower Upper
252	100
253	23.3 17.6 26.4
125	13.0 9.4 14.2





#93

Benzo(a)pyrene

Concen: 6.263 ng/ul

RT: 24.110 min Scan# 31

Delta R.T. 0.006 min

Lab File: BN031726.D

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BNA_N

ClientSampleId :

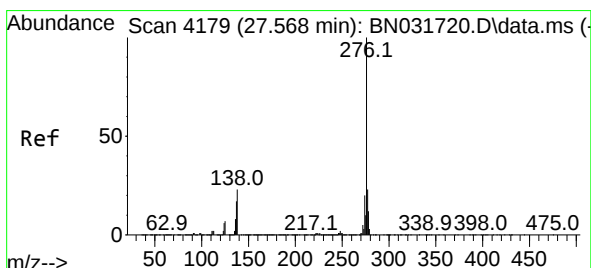
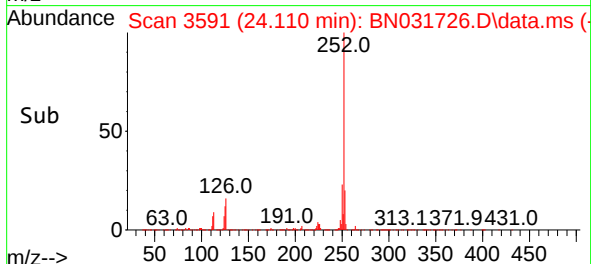
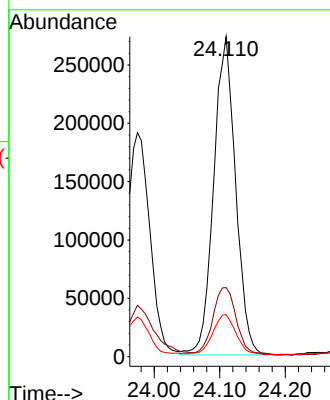
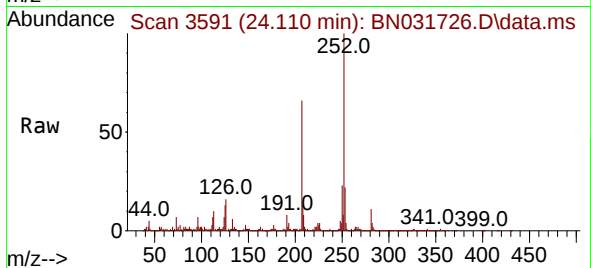
BH626

Tgt Ion:	252	Resp:	63236
Ion Ratio	Lower	Upper	
252	100		
253	21.6	16.6	24.8
125	13.1	9.8	14.8

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#94

Indeno(1,2,3-cd)pyrene

Concen: 3.430 ng/ul

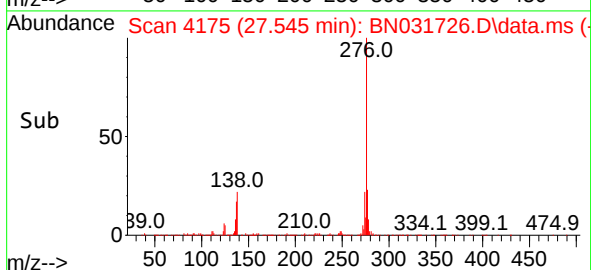
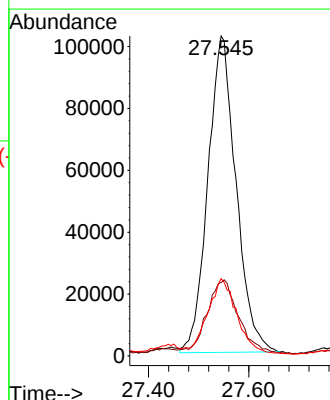
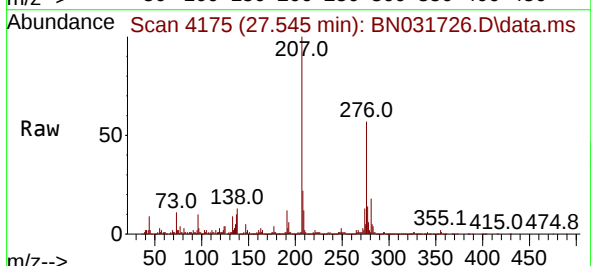
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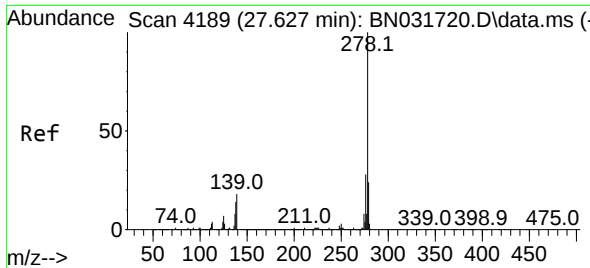
Delta R.T. 0.012 min

Lab File: BN031726.D

Acq: 30 May 2024 21:36

Tgt Ion:	276	Resp:	399138
Ion Ratio	Lower	Upper	
276	100		
138	23.0	18.1	27.1
277	24.2	18.2	27.2





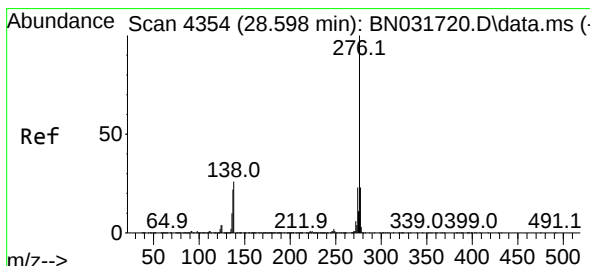
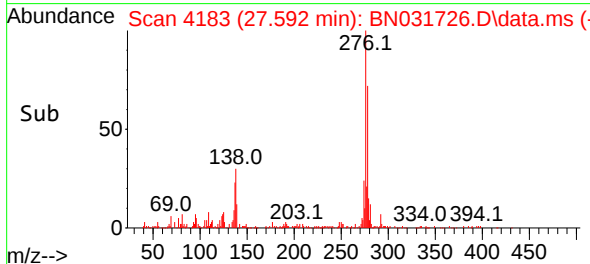
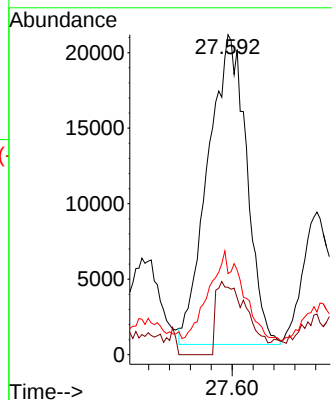
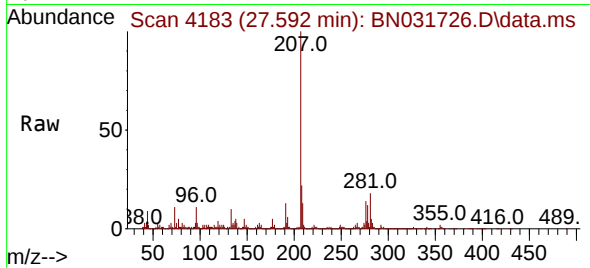
#95
Dibenzo(a,h)anthracene
Concen: 1.111 ng/ul m
RT: 27.592 min Scan# 4183
Delta R.T. -0.012 min
Lab File: BN031726.D
Acq: 30 May 2024 21:36

Instrument :
BNA_N
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Tgt Ion:278 Resp: 10554
Ion Ratio Lower Upper
278 100
139 21.1 15.0 22.6
279 25.4 17.4 26.0

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#96
Benzo(g,h,i)perylene
Concen: 4.105 ng/ul
RT: 28.580 min Scan# 4351
Delta R.T. 0.012 min
Lab File: BN031726.D
Acq: 30 May 2024 21:36

Tgt Ion:276 Resp: 379650
Ion Ratio Lower Upper
276 100
138 24.9 20.9 31.3
277 22.5 18.0 27.0

