

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
 Data File : BN031727.D
 Acq On : 30 May 2024 22:15
 Operator : MA/JU
 Sample : P2549-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH627

Manual Integrations
 APPROVED

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

Quant Time: May 30 23:50:52 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	459191	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2054287	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1344942	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	2728044	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1871121	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1652732	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	53166	4.790	ng/uL	0.00
4) Pyridine-d5	3.593	84	643574	20.598	ng/u1	0.00
7) Phenol-d5	6.852	99	992906	25.223	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	587252	25.504	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	807446	26.882	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	656757	20.467	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	428209	27.262	ng/u1	0.00
24) 2-Nitrophenol-d4	9.558	143	457944	28.224	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	788273	26.024	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	526991	11.718	ng/u1	0.00
46) Dimethylphthalate-d6	13.746	166	2578895	27.524	ng/u1	0.00
49) Acenaphthylene-d8	14.022	160	2973390	27.599	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	498005	26.546	ng/u1	0.00
60) Fluorene-d10	15.322	176	2221849	28.026	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	338251	24.667	ng/u1	0.00
73) Anthracene-d10	17.175	188	3294146	28.205	ng/u1	0.00
81) Pyrene-d10	19.469	212	3595927	35.913	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.051	264	2354060	29.829	ng/u1	0.01
Target Compounds					Qvalue	
6) Benzaldehyde	6.834	77	1766458	95.671	ng/u1	99
72) Phenanthrene	17.116	178	475544	3.422	ng/u1	97
80) Fluoranthene	19.134	202	1294507	10.818	ng/u1	99
82) Pyrene	19.498	202	1187843	9.675	ng/u1	99
85) Benzo(a)anthracene	21.292	228	554087	4.424	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.222	149	173346	2.051	ng/u1	95
87) Chrysene	21.351	228	589033	5.035	ng/u1	97
90) Benzo(b)fluoranthene	23.322	252	693098	7.016	ng/u1	98
91) Benzo(k)fluoranthene	23.374	252	219829m	2.268	ng/u1	
93) Benzo(a)pyrene	24.104	252	432400	4.673	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.545	276	305079	2.861	ng/u1#	94
96) Benzo(g,h,i)perylene	28.586	276	298338	3.520	ng/u1	97

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

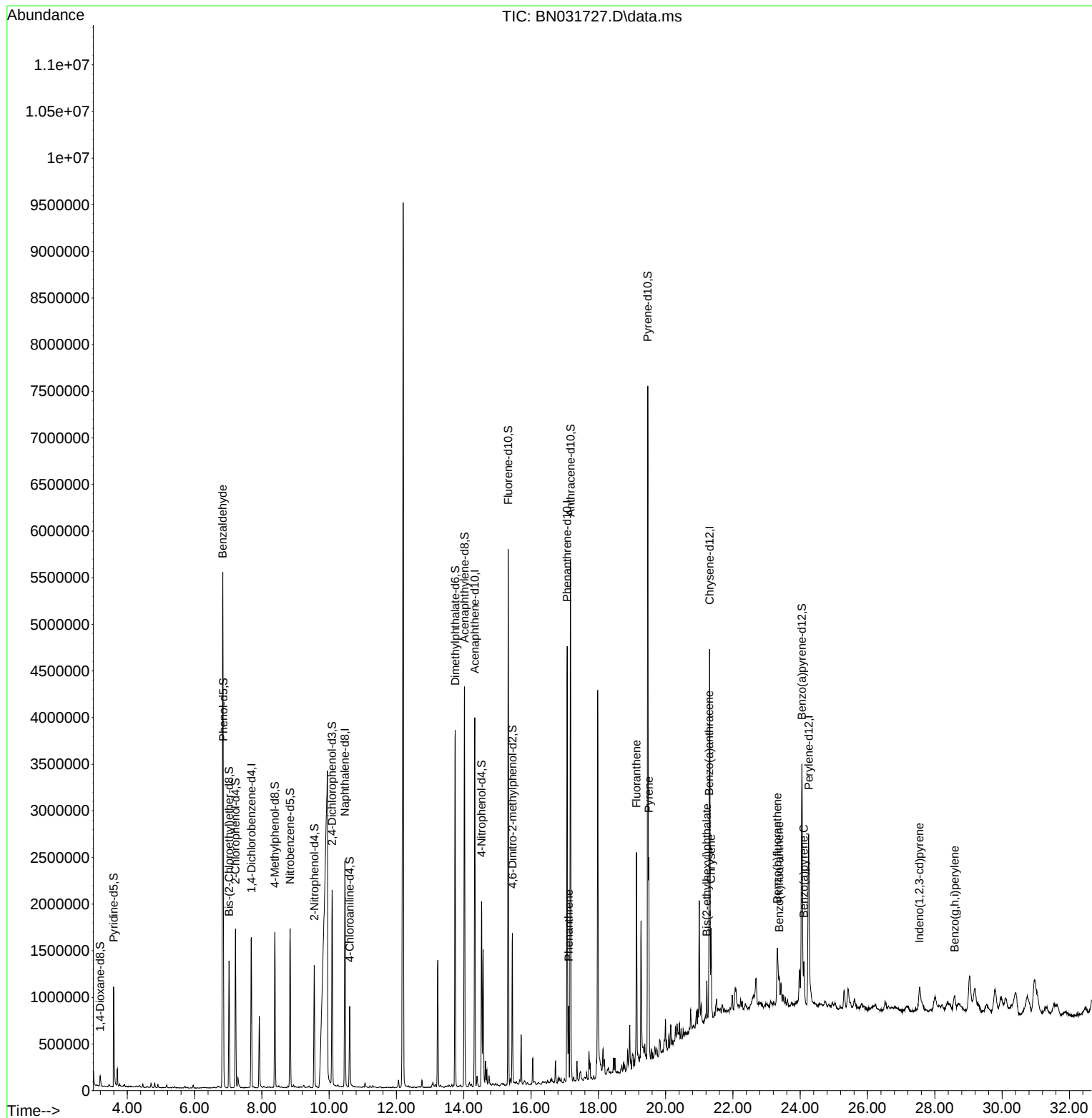
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
Data File : BN031727.D
Acq On : 30 May 2024 22:15
Operator : MA/JU
Sample : P2549-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

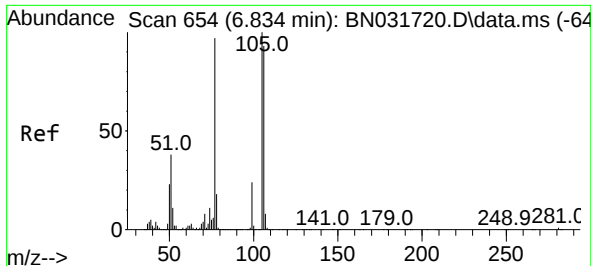
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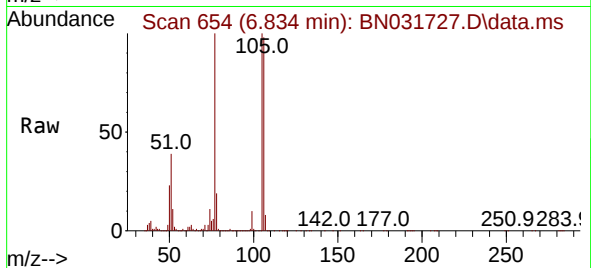
Quant Time: May 30 23:50:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
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#6
Benzaldehyde
Concen: 95.671 ng/ul
RT: 6.834 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN031727.D
Acq: 30 May 2024 22:15

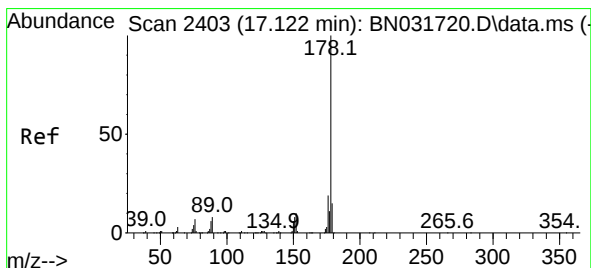
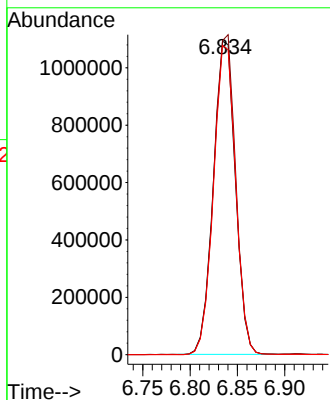
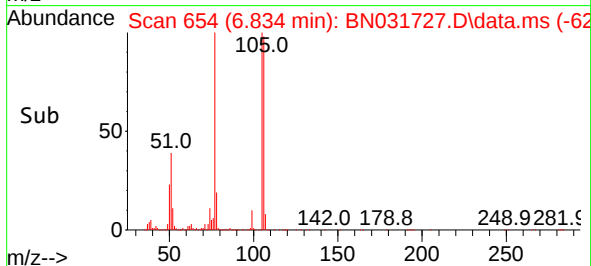
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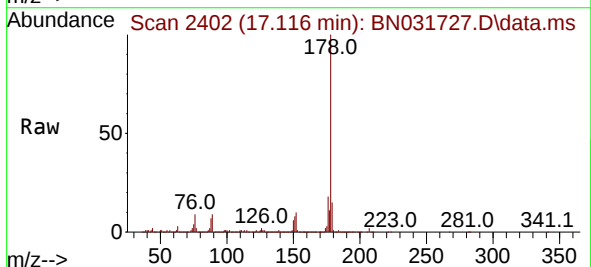
Tgt Ion: 77 Resp: 1766458
Ion Ratio Lower Upper
77 100
105 100.2 80.2 120.4
106 98.7 76.8 115.2

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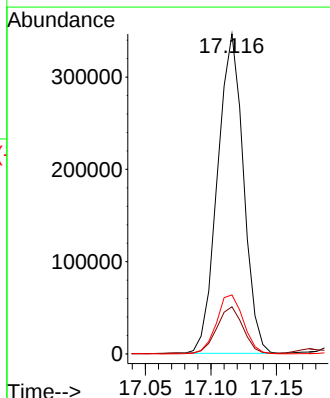
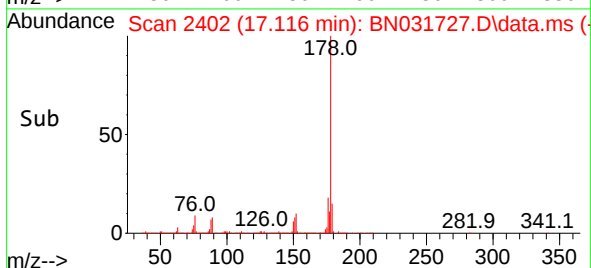
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

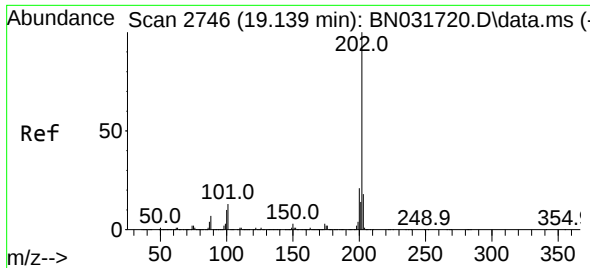


#72
Phenanthrene
Concen: 3.422 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN031727.D
Acq: 30 May 2024 22:15



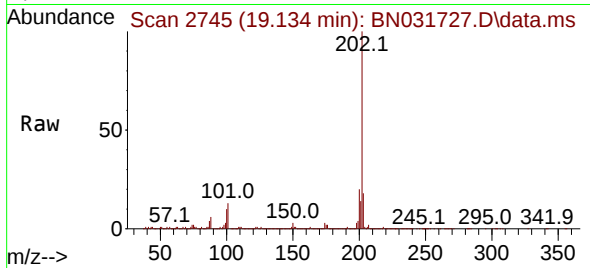
Tgt Ion:178 Resp: 475544
Ion Ratio Lower Upper
178 100
179 14.7 12.6 19.0
176 18.4 15.8 23.6





#80
Fluoranthene
Concen: 10.818 ng/ul
RT: 19.134 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN031727.D
Acq: 30 May 2024 22:15

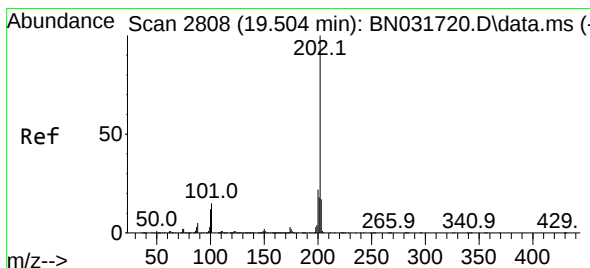
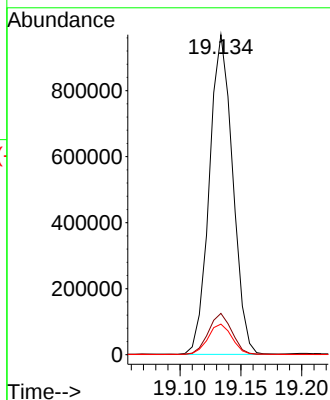
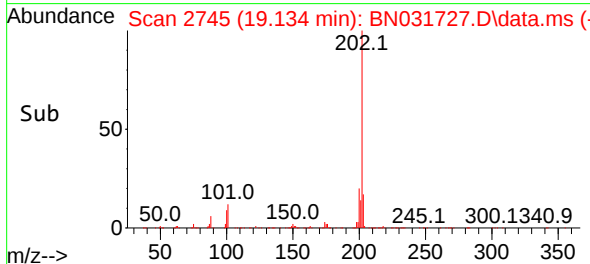
Instrument :
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Tgt Ion:202 Resp: 129450
Ion Ratio Lower Upper
202 100
101 12.9 10.3 15.5
100 9.6 8.0 12.0

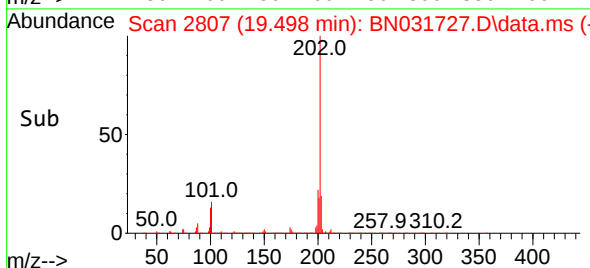
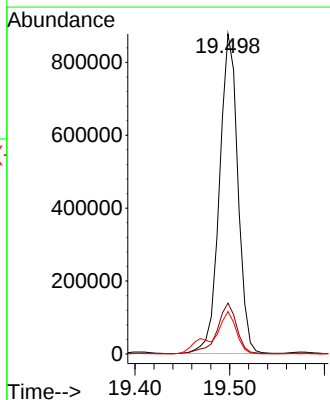
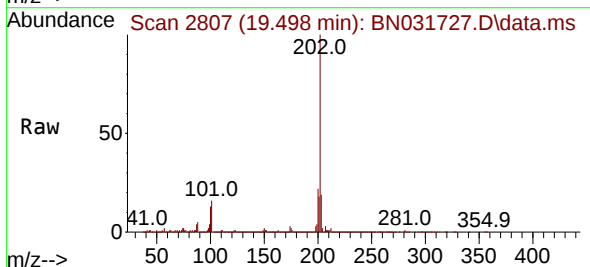
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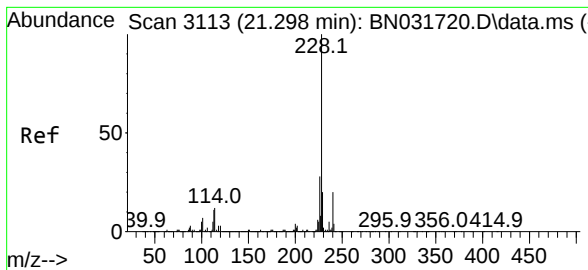
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#82
Pyrene
Concen: 9.675 ng/ul
RT: 19.498 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BN031727.D
Acq: 30 May 2024 22:15

Tgt Ion:202 Resp: 1187843
Ion Ratio Lower Upper
202 100
101 15.9 12.6 18.8
100 13.3 10.2 15.2





#85

Benzo(a)anthracene

Concen: 4.424 ng/ul

RT: 21.292 min Scan# 3113

Delta R.T. 0.006 min

Lab File: BN031727.D

Acq: 30 May 2024 22:15

Instrument :

BNA_N

ClientSampleId :

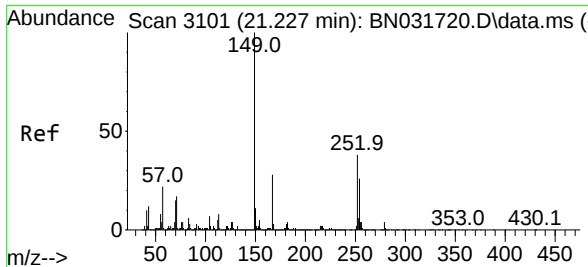
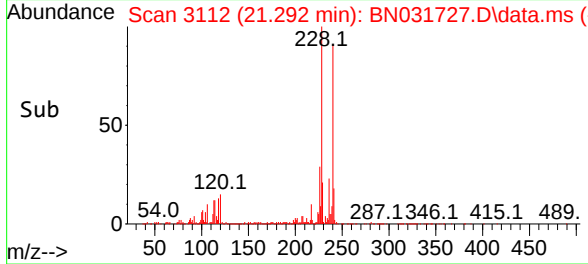
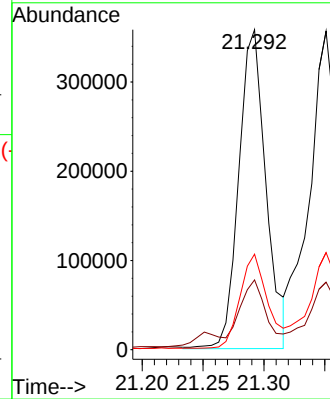
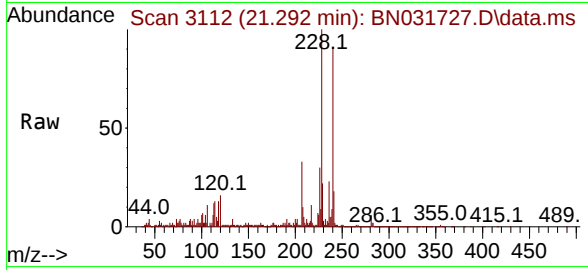
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Tgt Ion:228	Resp: 55408
Ion Ratio	Lower Upper
228 100	
229 21.8	16.7 25.1
226 29.9	22.8 34.2

Manual Integrations

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Supervised By :mohammad ahmed 06/01/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.051 ng/ul

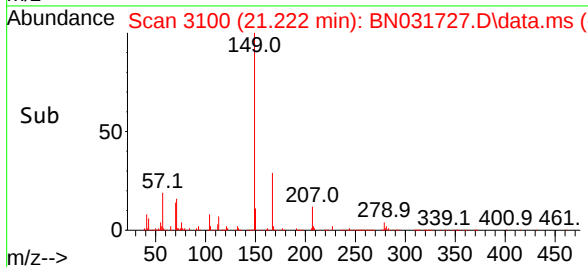
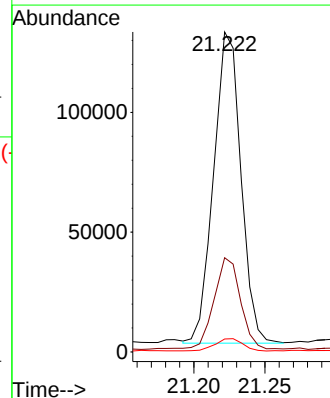
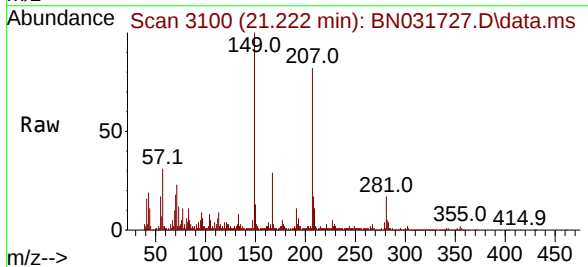
RT: 21.222 min Scan# 3100

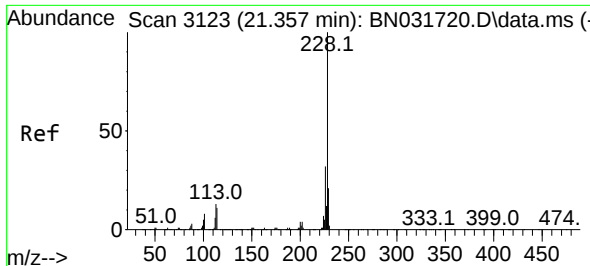
Delta R.T. 0.000 min

Lab File: BN031727.D

Acq: 30 May 2024 22:15

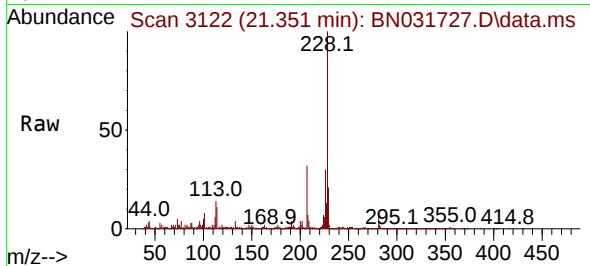
Tgt Ion:149	Resp: 173346
Ion Ratio	Lower Upper
149 100	
167 29.4	21.4 32.0
279 4.0	3.3 4.9





#87
Chrysene
Concen: 5.035 ng/u1
RT: 21.351 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BN031727.D
Acq: 30 May 2024 22:15

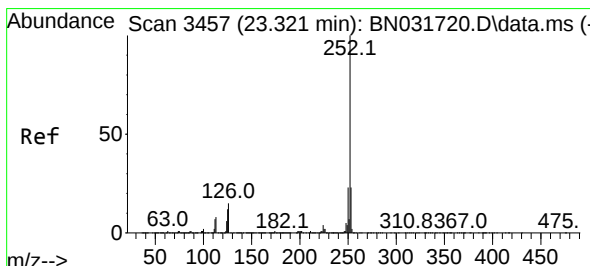
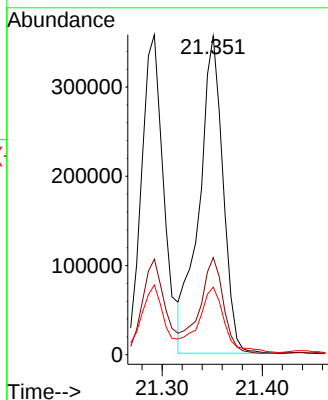
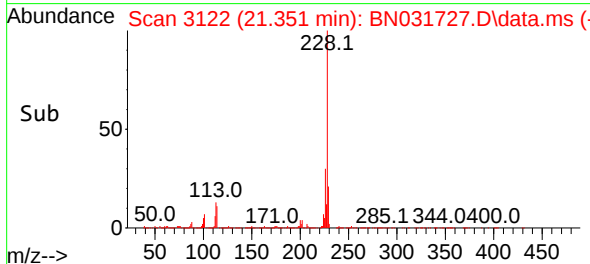
Instrument :
BNA_N
ClientSampleId :
BH627



Tgt Ion:228 Resp: 58903
Ion Ratio Lower Upper
228 100
226 30.5 23.7 35.5
229 21.2 15.1 22.7

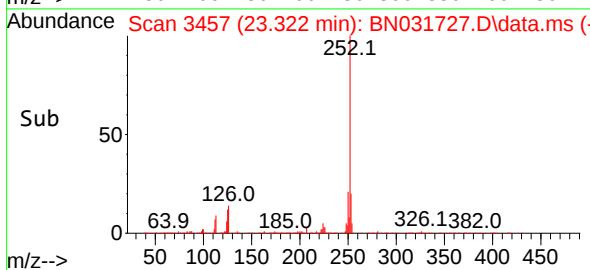
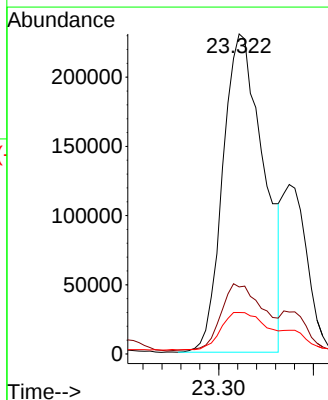
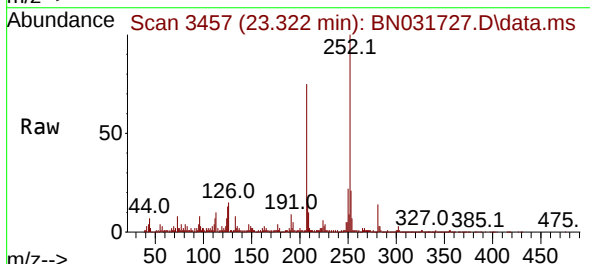
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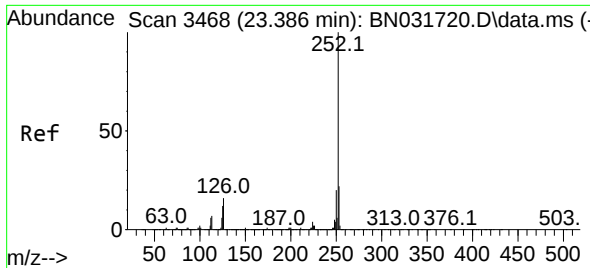
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#90
Benzo(b)fluoranthene
Concen: 7.016 ng/u1
RT: 23.322 min Scan# 3457
Delta R.T. 0.012 min
Lab File: BN031727.D
Acq: 30 May 2024 22:15

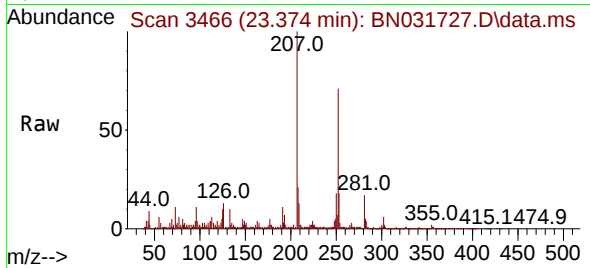
Tgt Ion:252 Resp: 693098
Ion Ratio Lower Upper
252 100
253 20.9 17.0 25.6
125 13.0 9.2 13.8





#91
Benzo(k)fluoranthene
Concen: 2.268 ng/ul m
RT: 23.374 min Scan# 3466
Delta R.T. 0.000 min
Lab File: BN031727.D
Acq: 30 May 2024 22:15

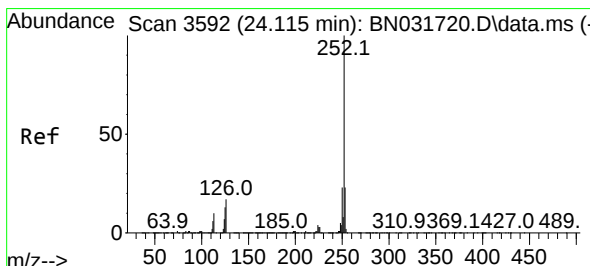
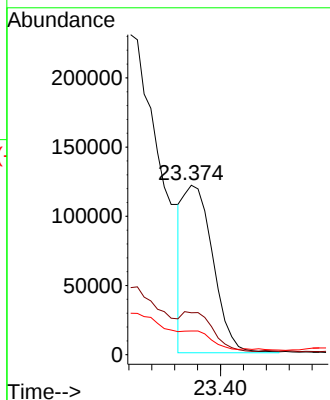
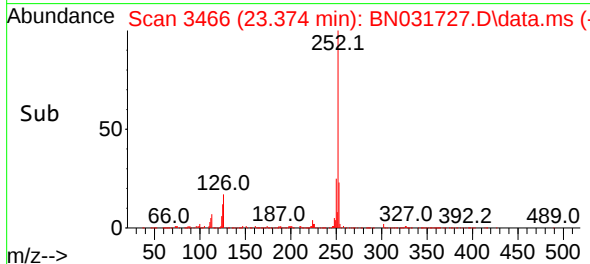
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BNA_N
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Tgt Ion:252 Resp: 219829
Ion Ratio Lower Upper
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253 24.7 17.6 26.4
125 13.9 9.4 14.2

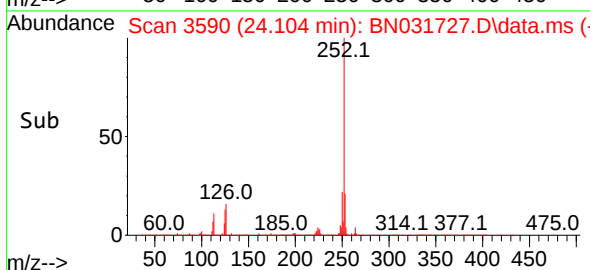
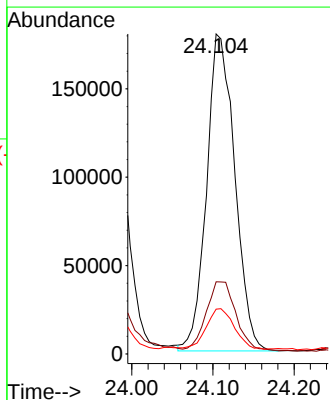
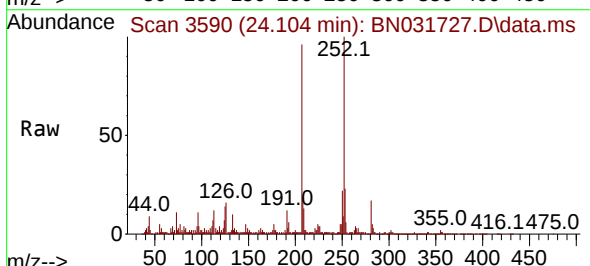
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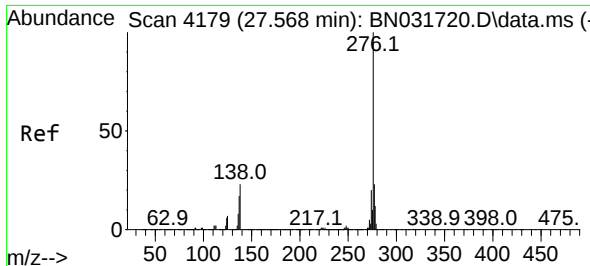
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#93
Benzo(a)pyrene
Concen: 4.673 ng/ul
RT: 24.104 min Scan# 3590
Delta R.T. 0.000 min
Lab File: BN031727.D
Acq: 30 May 2024 22:15

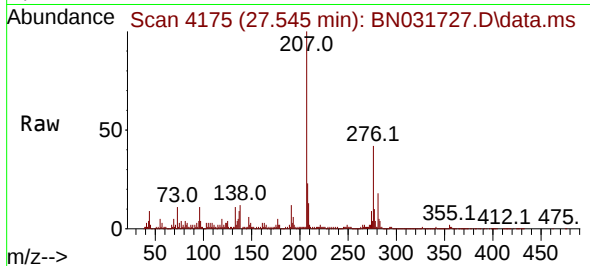
Tgt Ion:252 Resp: 432400
Ion Ratio Lower Upper
252 100
253 22.6 16.6 24.8
125 14.0 9.8 14.8





#94
Indeno(1,2,3-cd)pyrene
Concen: 2.861 ng/ul
RT: 27.545 min Scan# 4179
Delta R.T. 0.012 min
Lab File: BN031727.D
Acq: 30 May 2024 22:15

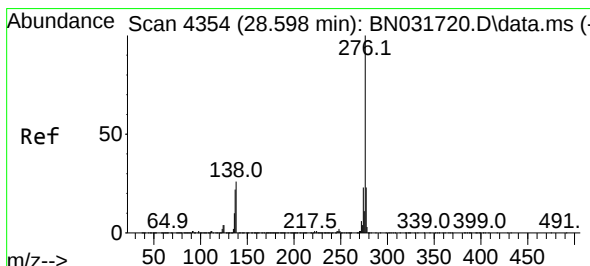
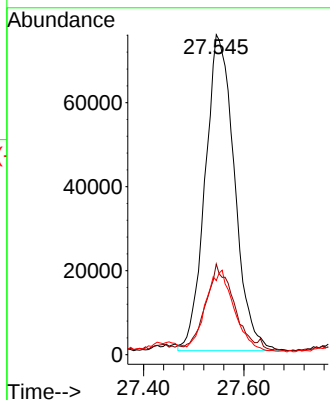
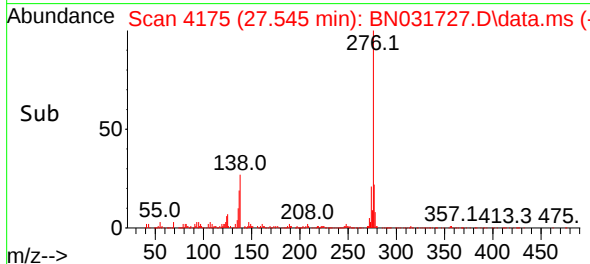
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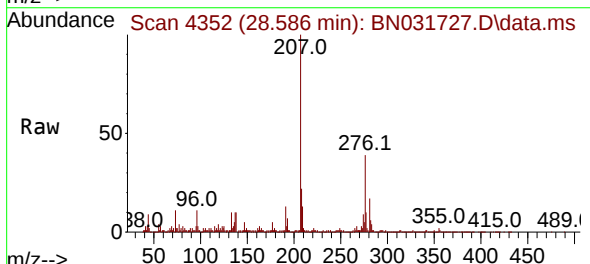
Tgt Ion:276 Resp: 305079
Ion Ratio Lower Upper
276 100
138 28.3 18.1 27.1
277 23.1 18.2 27.2

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



#96
Benzo(g,h,i)perylene
Concen: 3.520 ng/ul
RT: 28.586 min Scan# 4352
Delta R.T. 0.018 min
Lab File: BN031727.D
Acq: 30 May 2024 22:15



Tgt Ion:276 Resp: 298338
Ion Ratio Lower Upper
276 100
138 26.2 20.9 31.3
277 25.1 18.0 27.0

