

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
 Data File : BN031126.D
 Acq On : 22 Apr 2024 17:36
 Operator : MA/JU
 Sample : P2037-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1CY5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024

Quant Time: Apr 23 00:19:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	103598	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	474667	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.280	164	323680	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.027	188	723472	20.000	ng/u1	0.00
79) Chrysene-d12	21.262	240	856843	20.000	ng/u1	0.00
88) Perylene-d12	24.168	264	1049153	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	10969	4.947	ng/uL	0.00
4) Pyridine-d5	3.552	84	103392	16.190	ng/u1	0.00
7) Phenol-d5	6.804	99	270283	30.928	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	160826	31.630	ng/u1	0.00
11) 2-Chlorophenol-d4	7.163	132	219278	32.226	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	230990	31.429	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	113236	33.203	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	105221	29.681	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	210076	30.049	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	300156	27.474	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	743471	33.008	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	859708	33.682	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	18293	3.891	ng/u1	0.00
60) Fluorene-d10	15.275	176	674707	34.410	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	7490	2.052	ng/u1	0.00
73) Anthracene-d10	17.127	188	1110781	35.423	ng/u1	0.00
81) Pyrene-d10	19.433	212	1545976	36.717	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	1871769	37.622	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	6.834	94	33920	3.765	ng/u1	96
16) Acetophenone	8.451	105	55176	4.845	ng/u1	96
30) Naphthalene	10.463	128	226444	9.205	ng/u1	99
72) Phenanthrene	17.069	178	50777	1.327	ng/u1	99
80) Fluoranthene	19.092	202	78816	1.582	ng/u1	98
82) Pyrene	19.463	202	74176	1.417	ng/u1	100
85) Benzo(a)anthracene	21.245	228	63406	1.090	ng/u1	97
87) Chrysene	21.304	228	68331	1.237	ng/u1	98
90) Benzo(b)fluoranthene	23.245	252	130012	2.202	ng/u1#	93
93) Benzo(a)pyrene	24.027	252	106540	1.809	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	27.403	276	77952m	1.067	ng/u1	
96) Benzo(g,h,i)perylene	28.415	276	65637m	1.115	ng/u1	

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

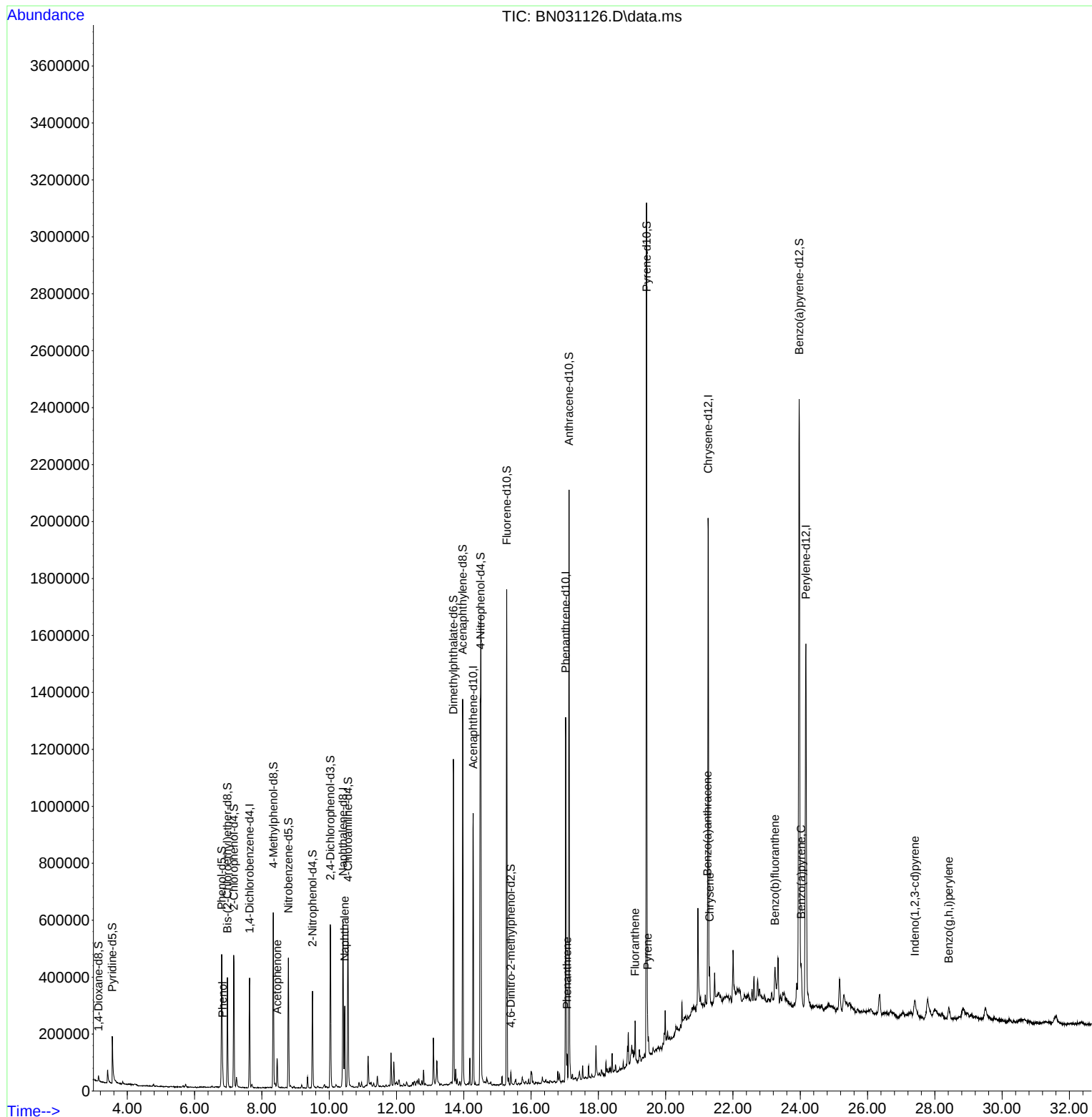
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
 Data File : BN031126.D
 Acq On : 22 Apr 2024 17:36
 Operator : MA/JU
 Sample : P2037-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

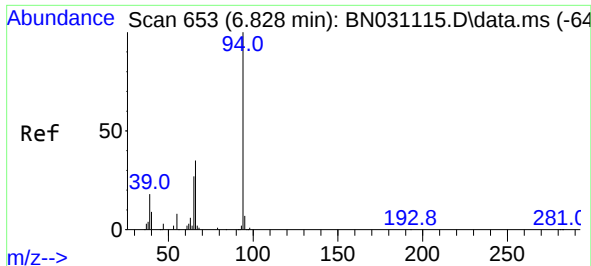
Instrument :
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Quant Time: Apr 23 00:19:06 2024
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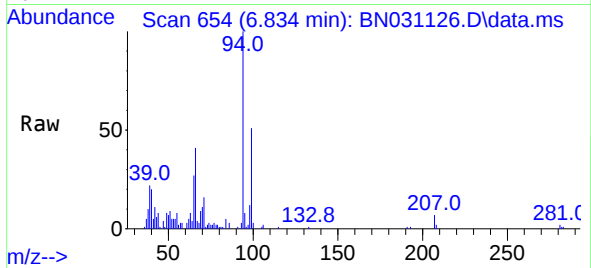
Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024





#8
Phenol
Concen: 3.765 ng/ul
RT: 6.834 min Scan# 653
Delta R.T. -0.000 min
Lab File: BN031126.D
Acq: 22 Apr 2024 17:36

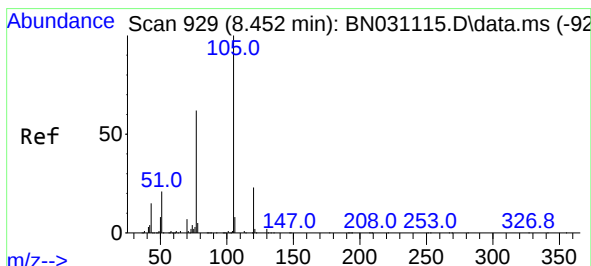
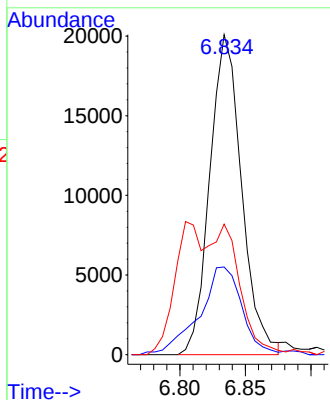
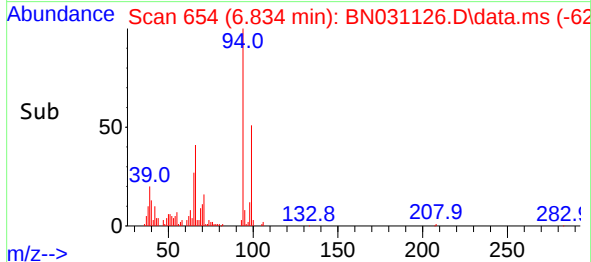
Instrument :
BNA_N
ClientSampleId :
E1CY5



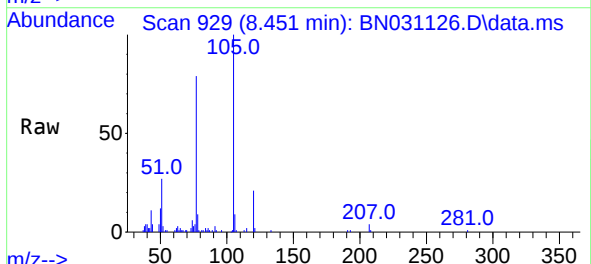
Tgt Ion: 94 Resp: 33920
Ion Ratio Lower Upper
94 100
65 27.4 22.0 33.0
66 40.8 29.8 44.6

Manual Integrations
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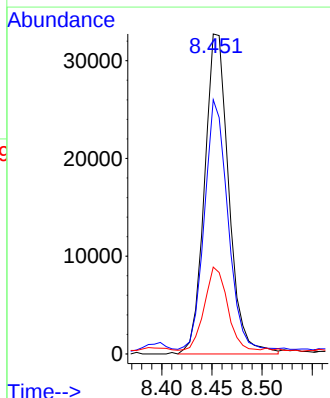
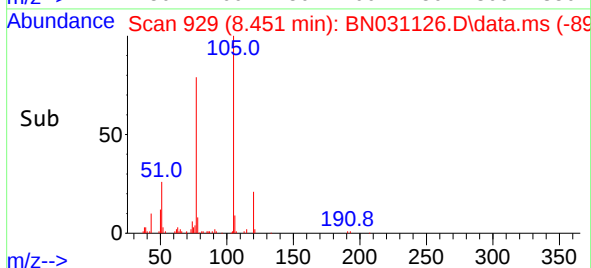
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

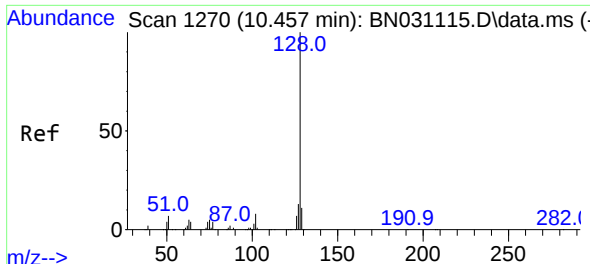


#16
Acetophenone
Concen: 4.845 ng/ul
RT: 8.451 min Scan# 929
Delta R.T. -0.006 min
Lab File: BN031126.D
Acq: 22 Apr 2024 17:36



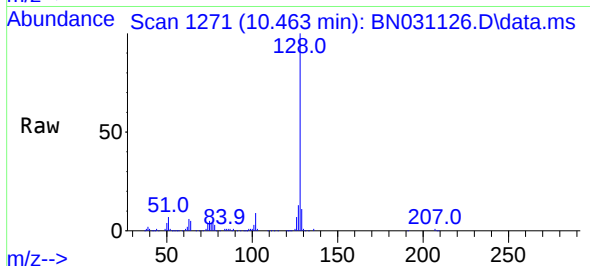
Tgt Ion:105 Resp: 55176
Ion Ratio Lower Upper
105 100
77 79.5 60.2 90.4
51 27.2 20.6 31.0





#30
Naphthalene
Concen: 9.205 ng/u1
RT: 10.463 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BN031126.D
Acq: 22 Apr 2024 17:36

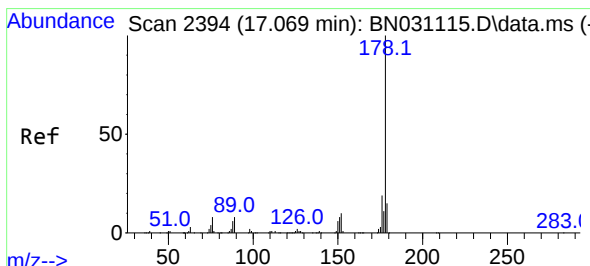
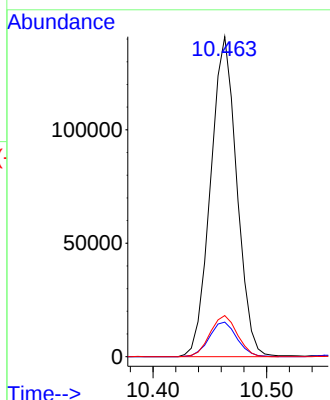
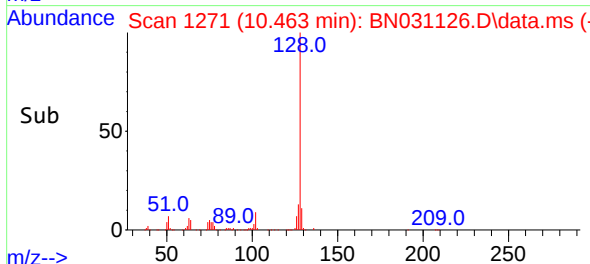
Instrument :
BNA_N
ClientSampleId :
E1CY5



Tgt Ion:128 Resp: 226444
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 12.9 10.5 15.7

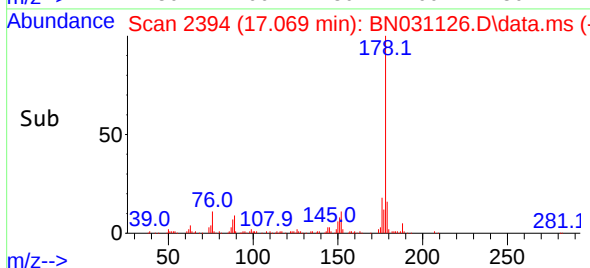
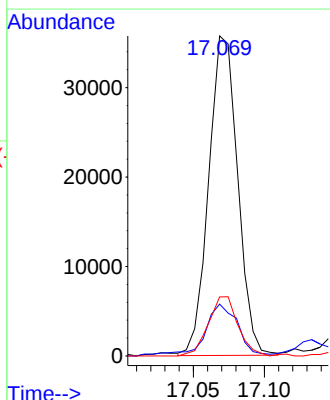
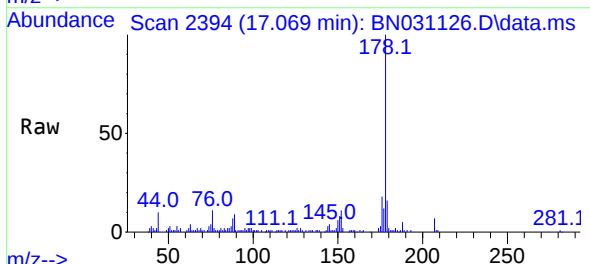
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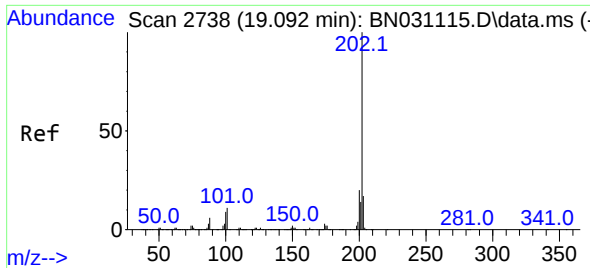
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#72
Phenanthrene
Concen: 1.327 ng/u1
RT: 17.069 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BN031126.D
Acq: 22 Apr 2024 17:36

Tgt Ion:178 Resp: 50777
Ion Ratio Lower Upper
178 100
179 16.2 12.4 18.6
176 18.4 14.6 21.8





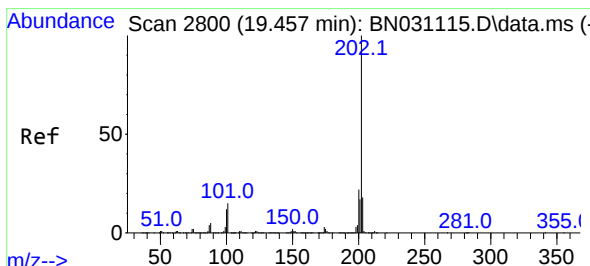
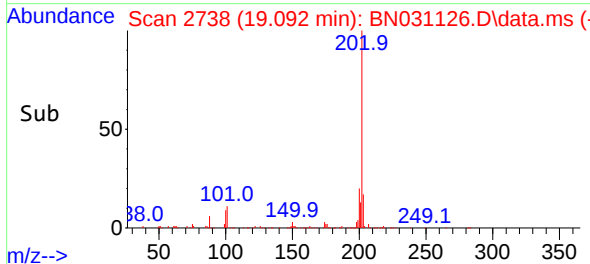
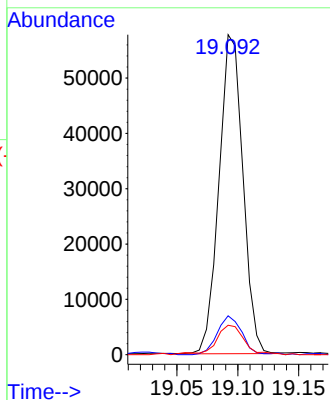
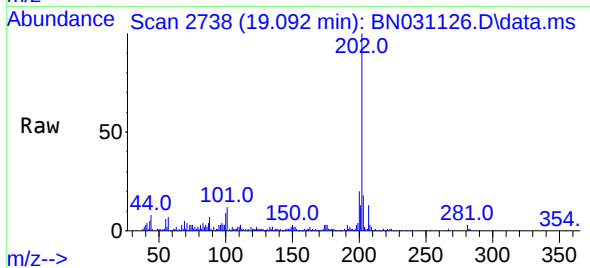
#80
Fluoranthene
Concen: 1.582 ng/u1
RT: 19.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031126.D
Acq: 22 Apr 2024 17:36

Instrument :
BNA_N
ClientSampleId :
E1CY5

Tgt Ion:202 Resp: 78810
Ion Ratio Lower Upper
202 100
101 12.2 9.0 13.6
100 9.2 6.9 10.3

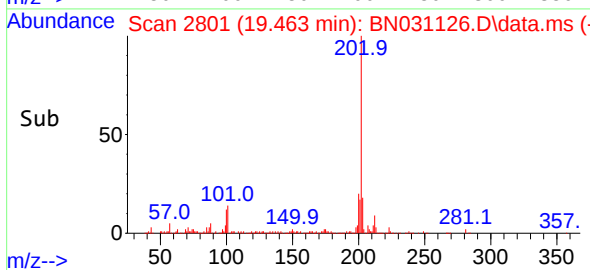
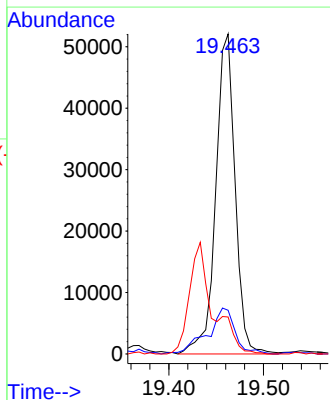
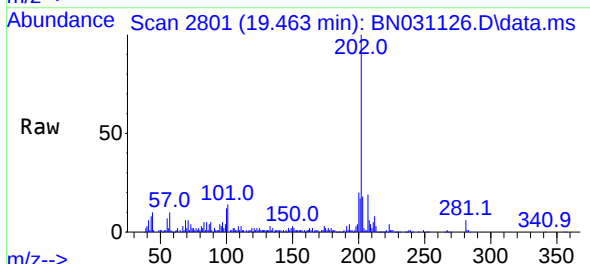
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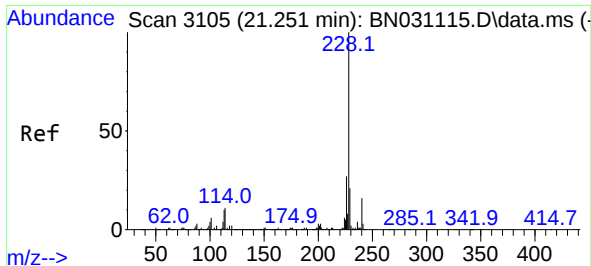
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#82
Pyrene
Concen: 1.417 ng/u1
RT: 19.463 min Scan# 2801
Delta R.T. -0.000 min
Lab File: BN031126.D
Acq: 22 Apr 2024 17:36

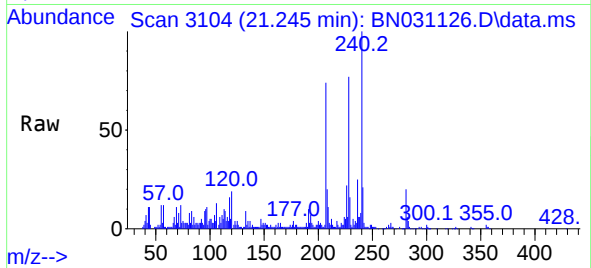
Tgt Ion:202 Resp: 74176
Ion Ratio Lower Upper
202 100
101 13.7 11.1 16.7
100 11.6 9.3 13.9





#85
Benzo(a)anthracene
Concen: 1.090 ng/u1
RT: 21.245 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BN031126.D
Acq: 22 Apr 2024 17:36

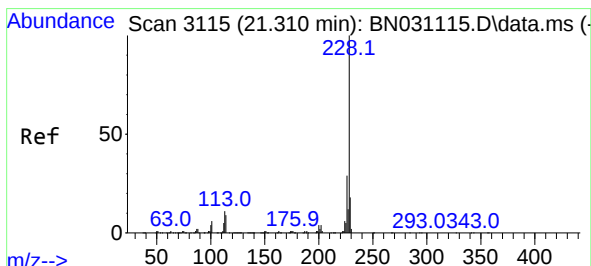
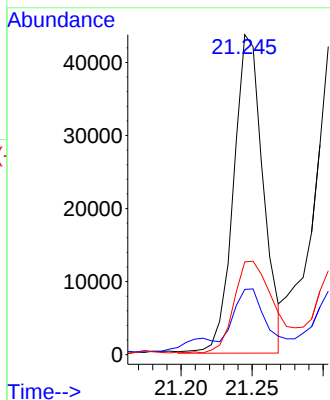
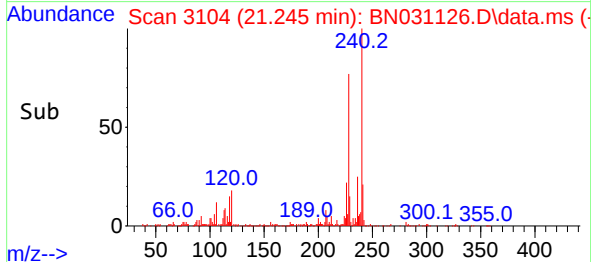
Instrument :
BNA_N
ClientSampleId :
E1CY5



Tgt Ion:228 Resp: 63400
Ion Ratio Lower Upper
228 100
229 20.4 16.7 25.1
226 29.0 21.2 31.8

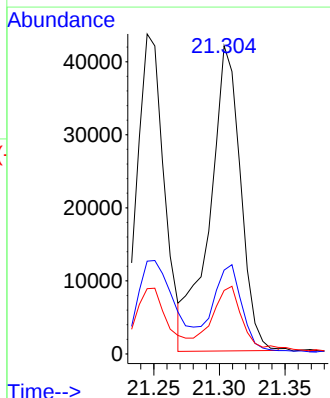
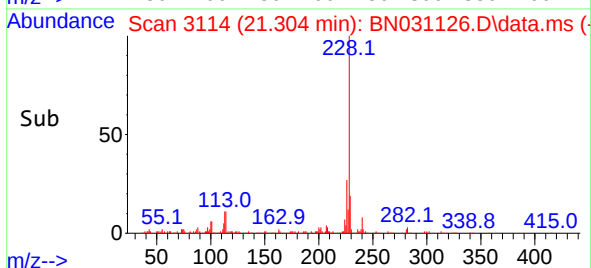
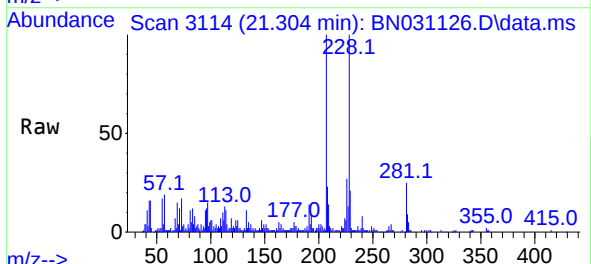
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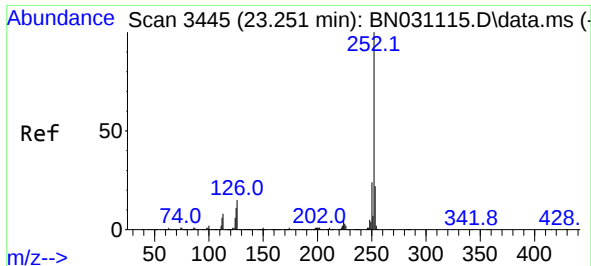
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#87
Chrysene
Concen: 1.237 ng/u1
RT: 21.304 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BN031126.D
Acq: 22 Apr 2024 17:36

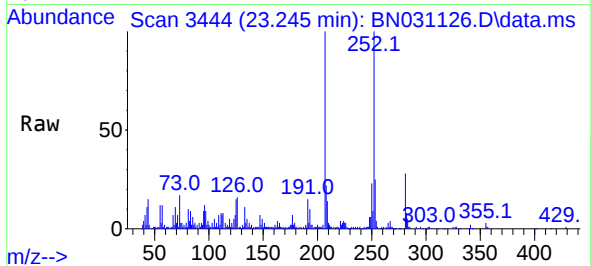
Tgt Ion:228 Resp: 68331
Ion Ratio Lower Upper
228 100
226 27.2 22.6 34.0
229 20.6 15.8 23.8





#90
Benzo(b)fluoranthene
Concen: 2.202 ng/u1
RT: 23.245 min Scan# 3445
Delta R.T. -0.012 min
Lab File: BN031126.D
Acq: 22 Apr 2024 17:36

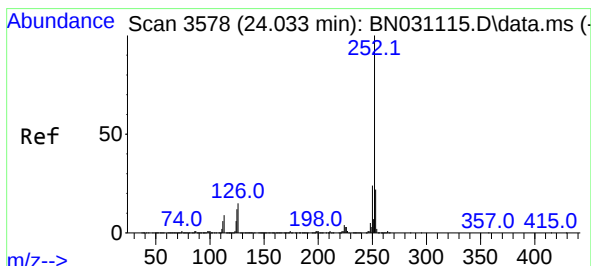
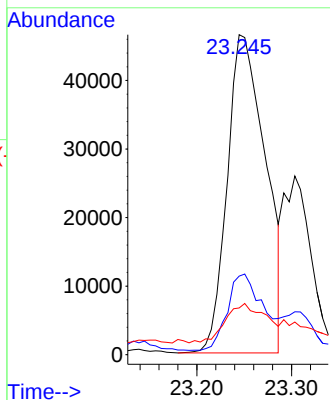
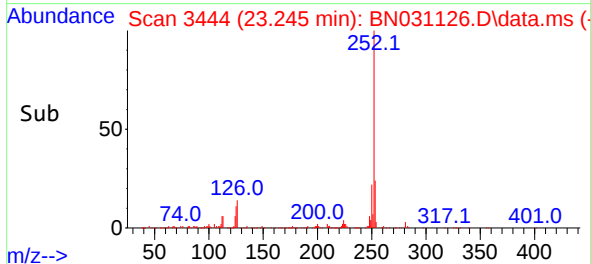
Instrument :
BNA_N
ClientSampleId :
E1CY5



Tgt Ion:252 Resp: 130012
Ion Ratio Lower Upper
252 100
253 24.5 17.6 26.4
125 14.6 8.6 12.8

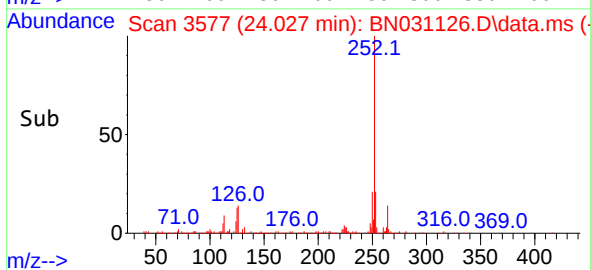
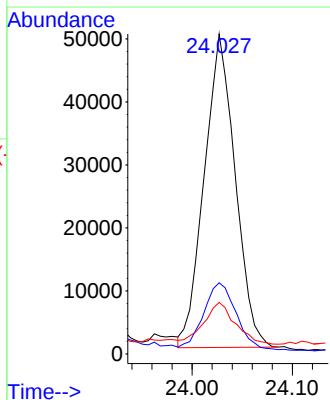
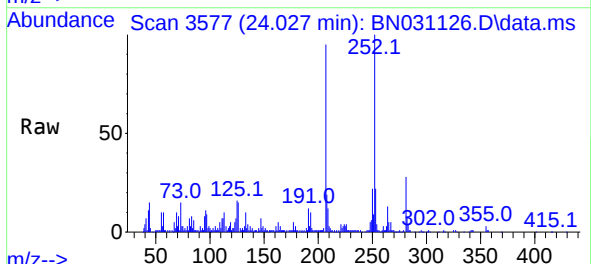
Manual Integrations
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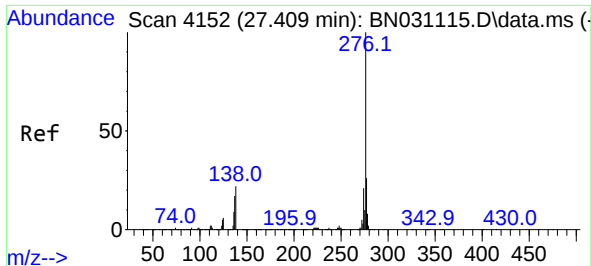
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#93
Benzo(a)pyrene
Concen: 1.809 ng/u1
RT: 24.027 min Scan# 3577
Delta R.T. -0.006 min
Lab File: BN031126.D
Acq: 22 Apr 2024 17:36

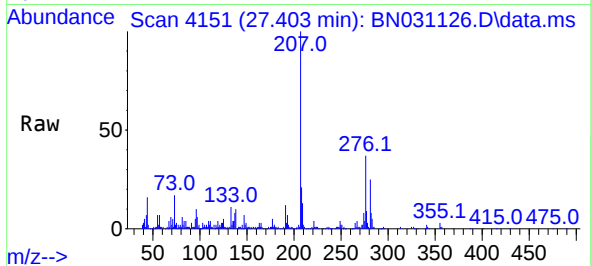
Tgt Ion:252 Resp: 106540
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 16.1 9.9 14.9





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.067 ng/ul m
RT: 27.403 min Scan# 4152
Delta R.T. -0.018 min
Lab File: BN031126.D
Acq: 22 Apr 2024 17:36

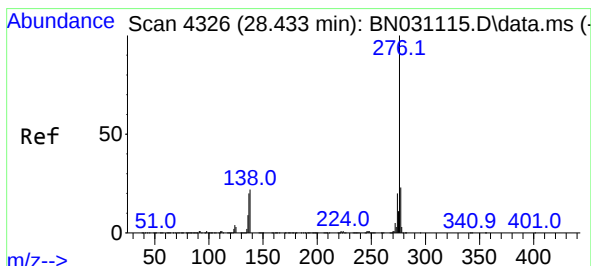
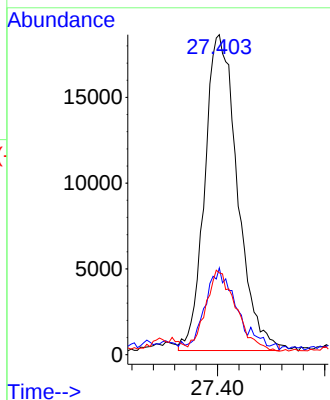
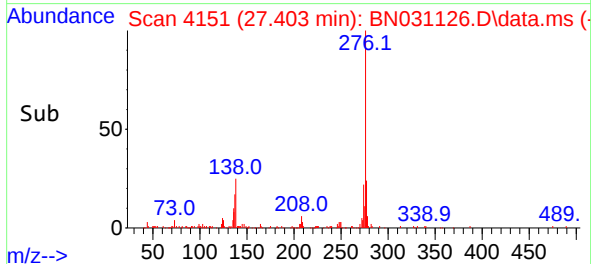
Instrument :
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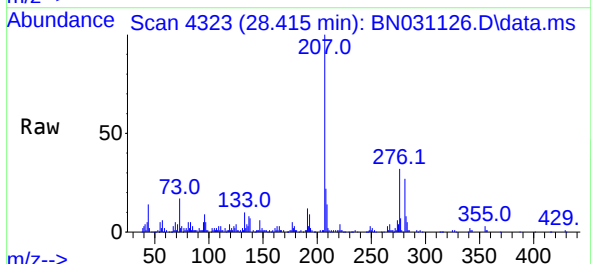
Tgt Ion:276 Resp: 77952
Ion Ratio Lower Upper
276 100
138 27.1 17.4 26.2
277 25.6 18.3 27.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#96
Benzo(g,h,i)perylene
Concen: 1.115 ng/ul m
RT: 28.415 min Scan# 4323
Delta R.T. -0.024 min
Lab File: BN031126.D
Acq: 22 Apr 2024 17:36



Tgt Ion:276 Resp: 65637
Ion Ratio Lower Upper
276 100
138 22.2 19.0 28.6
277 21.1 19.3 28.9

