

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
 Data File : BN031339.D
 Acq On : 01 May 2024 04:29
 Operator : MA/JU
 Sample : P2203-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1CY7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024

Quant Time: May 01 08:29:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 01 05:16:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	291315	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	1252720	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	791522	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.016	188	1553312	20.000	ng/u1	0.00
79) Chrysene-d12	21.251	240	1071402	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	1131127	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	25867	4.134	ng/uL	0.00
4) Pyridine-d5	3.534	84	388334	21.672	ng/u1	0.00
7) Phenol-d5	6.793	99	573009	24.444	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	335760	24.462	ng/u1	0.00
11) 2-Chlorophenol-d4	7.146	132	474335	25.293	ng/u1	0.00
15) 4-Methylphenol-d8	8.322	113	472062	24.300	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	237257	26.280	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	250854	25.817	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	453870	25.154	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	636411	24.338	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	1399388	26.817	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	1706208	28.180	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.257	176	1217025	27.312	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.116	188	1798003	28.048	ng/u1	0.00
81) Pyrene-d10	19.416	212	1840442	28.206	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	1434421	27.392	ng/u1	0.02
Target Compounds						Qvalue
30) Naphthalene	10.440	128	130690	2.123	ng/u1	100
36) 2-Methylnaphthalene	12.057	142	80445	1.885	ng/u1	95
37) 1-Methylnaphthalene	12.281	142	45295	1.049	ng/u1#	95
72) Phenanthrene	17.057	178	471472	6.133	ng/u1	99
74) Anthracene	17.145	178	85295m	1.110	ng/u1	
80) Fluoranthene	19.081	202	696924	8.909	ng/u1	100
82) Pyrene	19.445	202	633919	7.944	ng/u1	99
85) Benzo(a)anthracene	21.233	228	267339m	3.823	ng/u1	
87) Chrysene	21.292	228	310470	4.739	ng/u1	97
90) Benzo(b)fluoranthene	23.233	252	444129	6.479	ng/u1#	71
91) Benzo(k)fluoranthene	23.286	252	121332	1.800	ng/u1#	58
93) Benzo(a)pyrene	24.010	252	258889	4.223	ng/u1#	77
94) Indeno(1,2,3-cd)pyrene	27.392	276	218507	3.145	ng/u1#	93
95) Dibenzo(a,h)anthracene	27.415	278	61664m	1.069	ng/u1	
96) Benzo(g,h,i)perylene	28.398	276	233062	4.159	ng/u1#	90

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

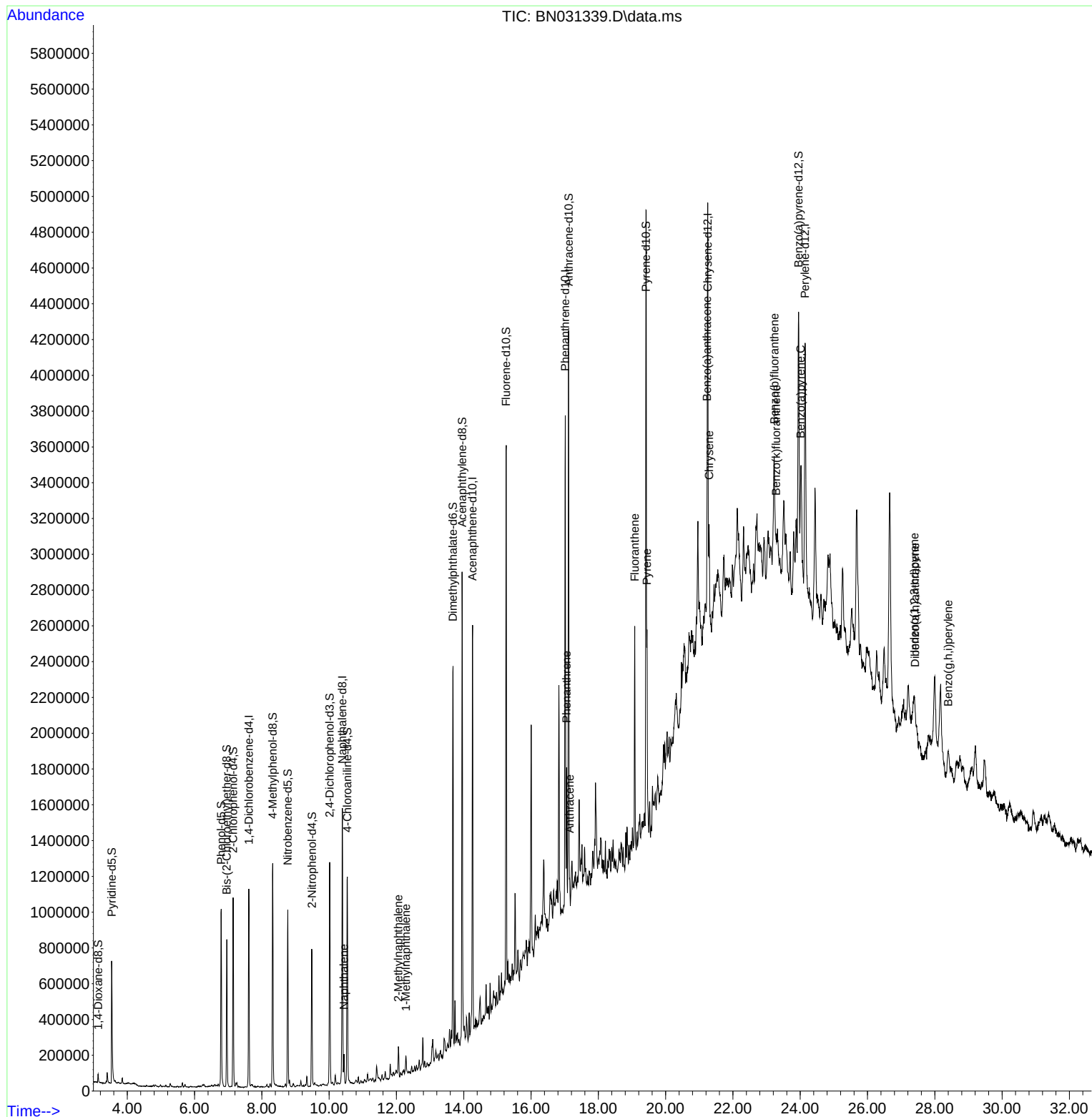
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
 Data File : BN031339.D
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 Operator : MA/JU
 Sample : P2203-19
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 ALS Vial : 31 Sample Multiplier: 1

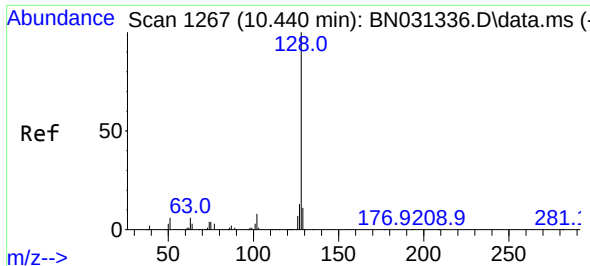
Instrument :
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Quant Time: May 01 08:29:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 01 05:16:42 2024
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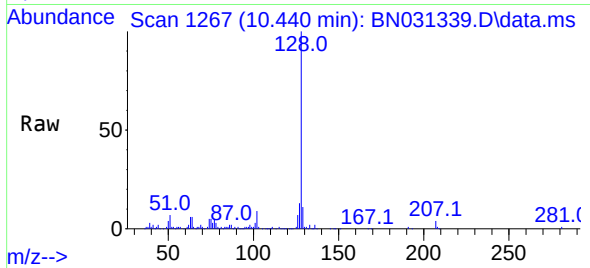
Reviewed By :Jagrut Upadhyay 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024





#30
Naphthalene
Concen: 2.123 ng/u1
RT: 10.440 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BN031339.D
Acq: 01 May 2024 04:29

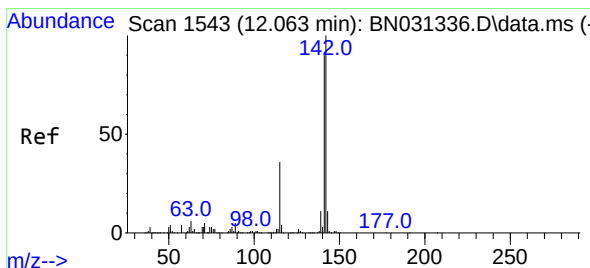
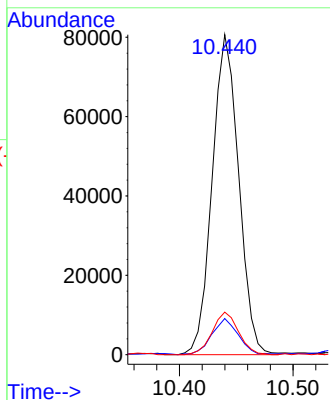
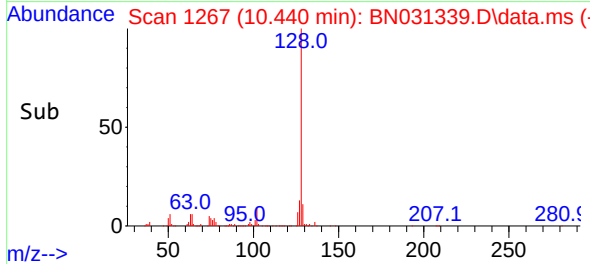
Instrument :
BNA_N
ClientSampleId :
E1CY7



Tgt Ion:128 Resp: 130690
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.3 10.7 16.1

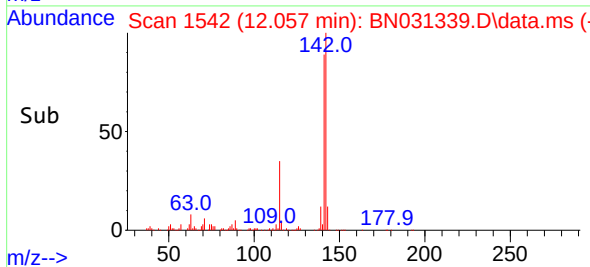
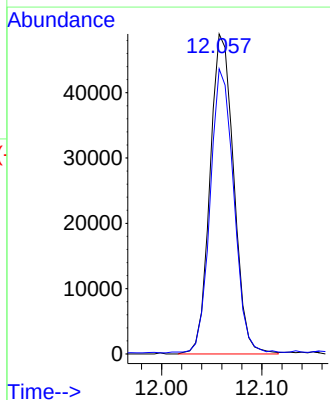
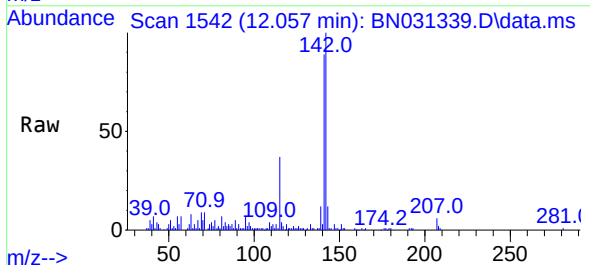
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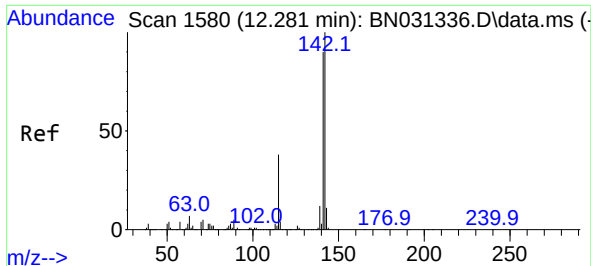
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#36
2-Methylnaphthalene
Concen: 1.885 ng/u1
RT: 12.057 min Scan# 1542
Delta R.T. -0.006 min
Lab File: BN031339.D
Acq: 01 May 2024 04:29

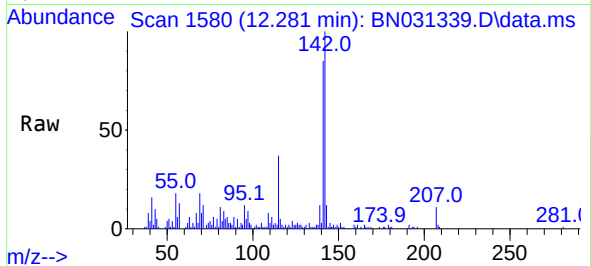
Tgt Ion:142 Resp: 80445
Ion Ratio Lower Upper
142 100
141 89.1 75.0 112.4





#37
1-Methylnaphthalene
Concen: 1.049 ng/ul
RT: 12.281 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN031339.D
Acq: 01 May 2024 04:29

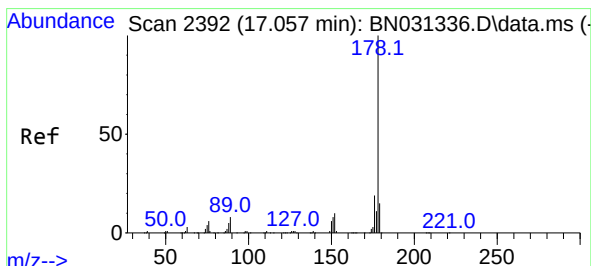
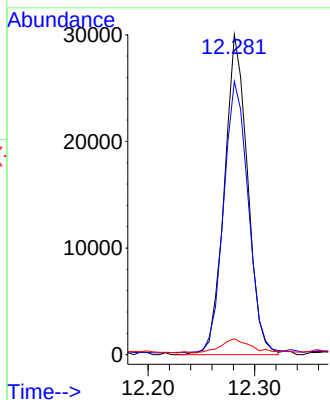
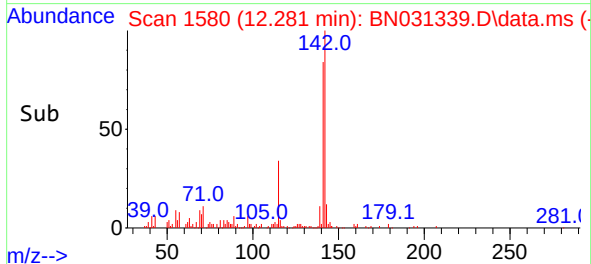
Instrument :
BNA_N
ClientSampleId :
E1CY7



Tgt Ion:142 Resp: 45295
Ion Ratio Lower Upper
142 100
141 85.4 72.5 108.7
116 5.0 3.0 4.4

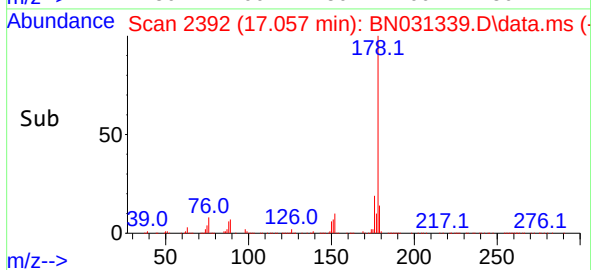
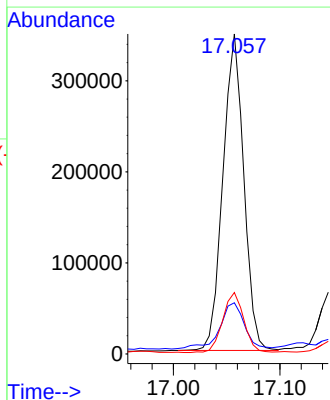
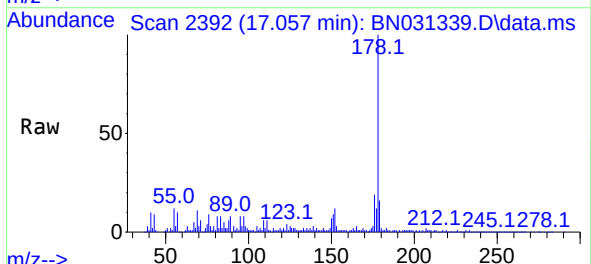
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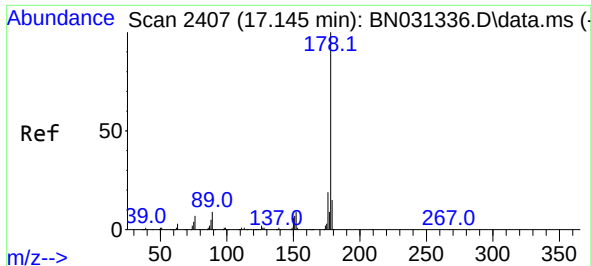
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#72
Phenanthrene
Concen: 6.133 ng/ul
RT: 17.057 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BN031339.D
Acq: 01 May 2024 04:29

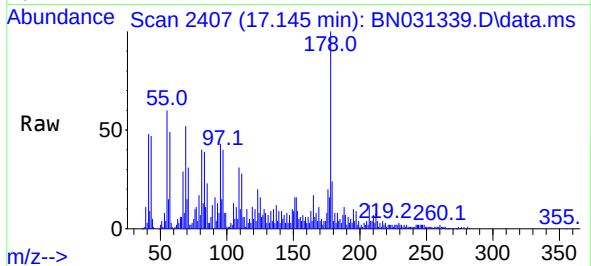
Tgt Ion:178 Resp: 471472
Ion Ratio Lower Upper
178 100
179 16.0 12.4 18.6
176 19.2 15.6 23.4





#74
 Anthracene
 Concen: 1.110 ng/ul m
 RT: 17.145 min Scan# 2407
 Delta R.T. 0.000 min
 Lab File: BN031339.D
 Acq: 01 May 2024 04:29

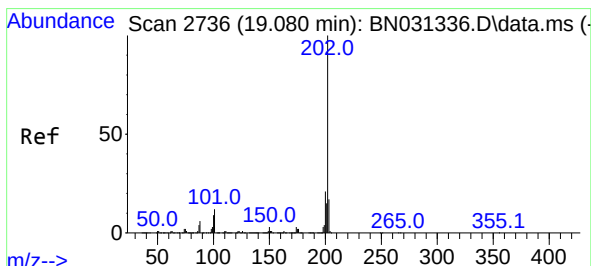
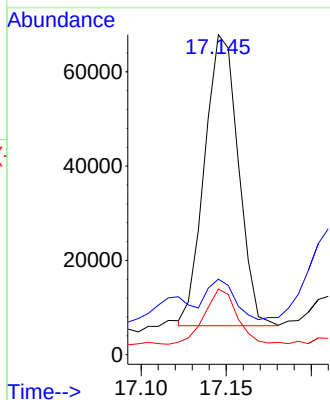
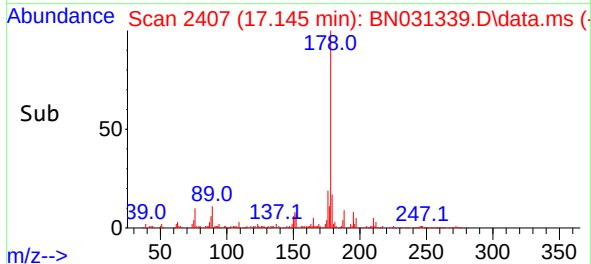
Instrument :
 BNA_N
 ClientSampleId :
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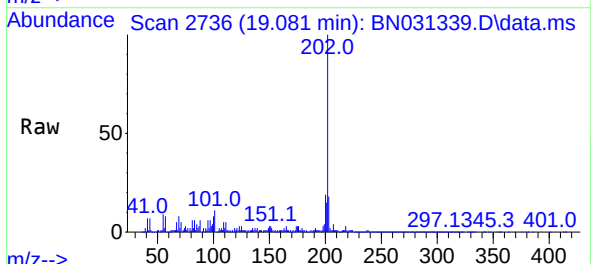
Tgt Ion:178 Resp: 85295
 Ion Ratio Lower Upper
 178 100
 179 23.6 12.0 18.0
 176 20.5 15.1 22.7

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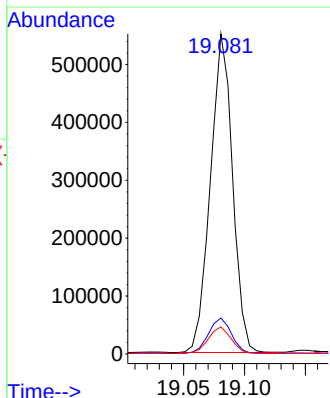
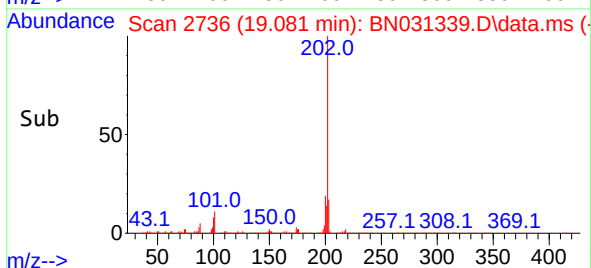
Reviewed By :Jagrut Upadhyay 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024

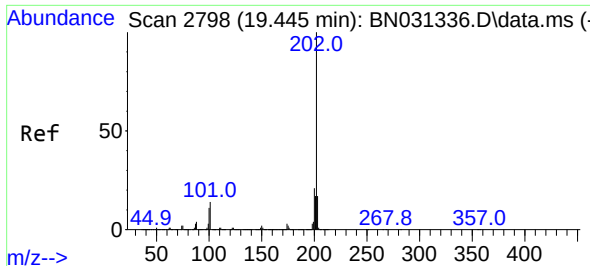


#80
 Fluoranthene
 Concen: 8.909 ng/ul
 RT: 19.081 min Scan# 2736
 Delta R.T. 0.000 min
 Lab File: BN031339.D
 Acq: 01 May 2024 04:29



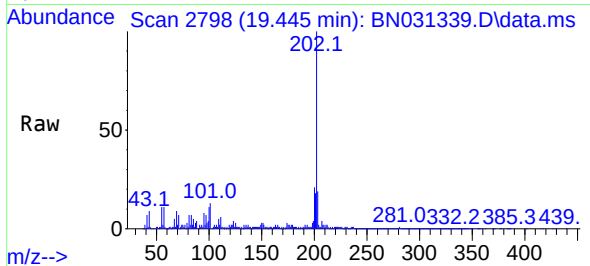
Tgt Ion:202 Resp: 696924
 Ion Ratio Lower Upper
 202 100
 101 11.2 9.0 13.6
 100 8.4 6.7 10.1





#82
Pyrene
Concen: 7.944 ng/u1
RT: 19.445 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN031339.D
Acq: 01 May 2024 04:29

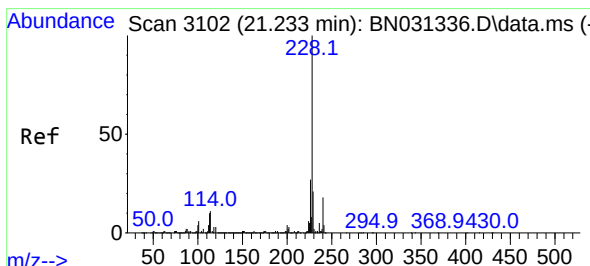
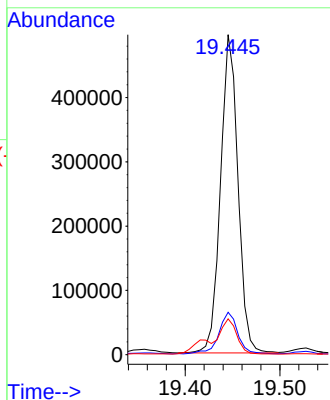
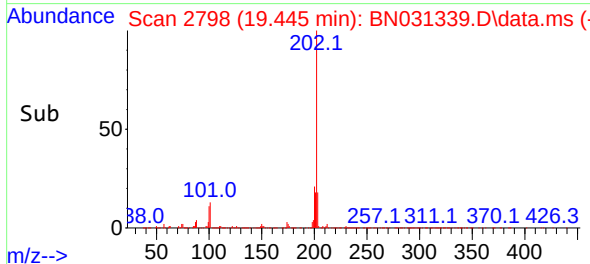
Instrument :
BNA_N
ClientSampleId :
E1CY7



Tgt Ion:202 Resp: 633919
Ion Ratio Lower Upper
202 100
101 13.2 11.0 16.6
100 11.2 9.2 13.8

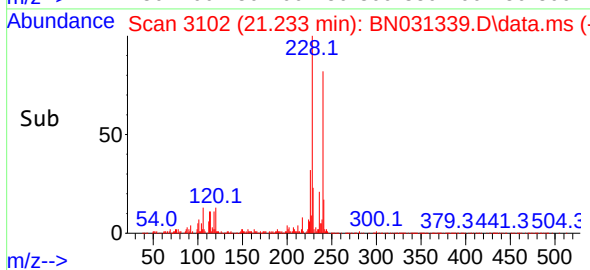
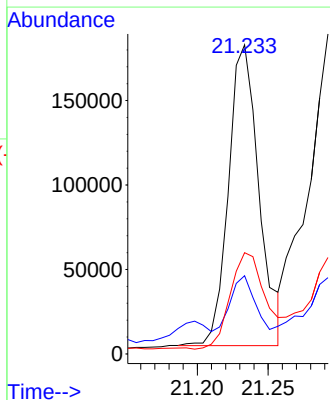
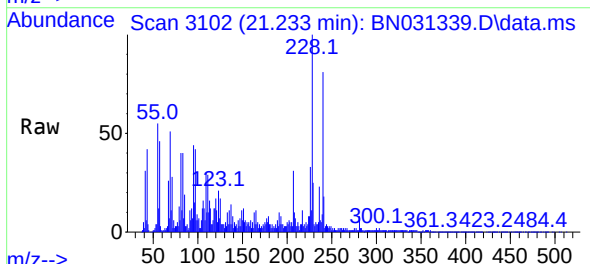
Manual Integrations
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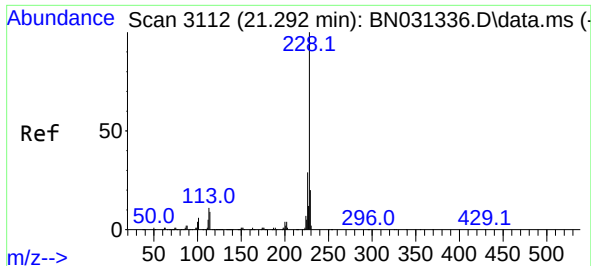
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#85
Benzo(a)anthracene
Concen: 3.823 ng/u1 m
RT: 21.233 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BN031339.D
Acq: 01 May 2024 04:29

Tgt Ion:228 Resp: 267339
Ion Ratio Lower Upper
228 100
229 25.3 15.9 23.9#
226 32.7 21.1 31.7#





#87

Chrysene

Concen: 4.739 ng/u1

RT: 21.292 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BN031339.D

Acq: 01 May 2024 04:29

Instrument :

BNA_N

ClientSampleId :

E1CY7

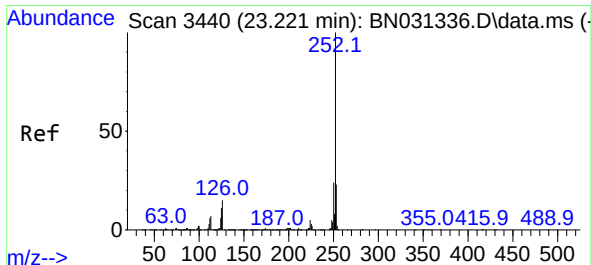
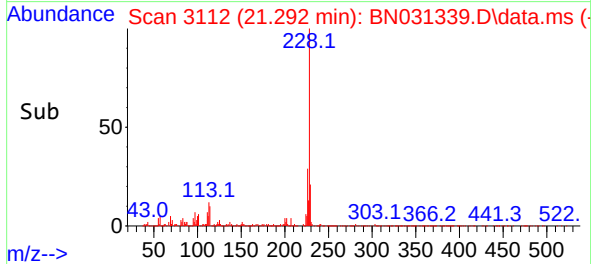
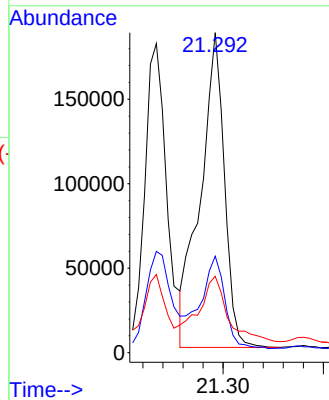
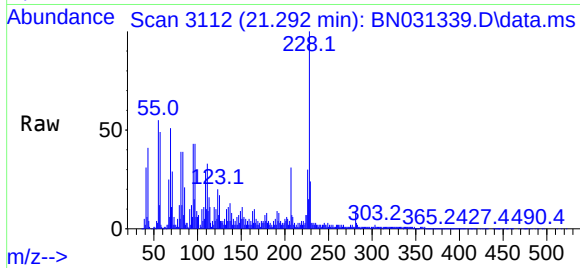
Tgt Ion:228 Resp: 310470

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.5	36.7
229	23.8	16.7	25.1

Manual Integrations

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Supervised By :mohammad ahmed 05/02/2024



#90

Benzo(b)fluoranthene

Concen: 6.479 ng/u1

RT: 23.233 min Scan# 3442

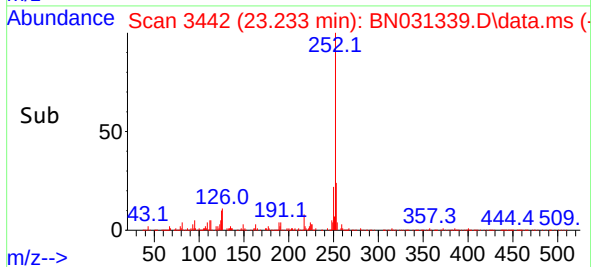
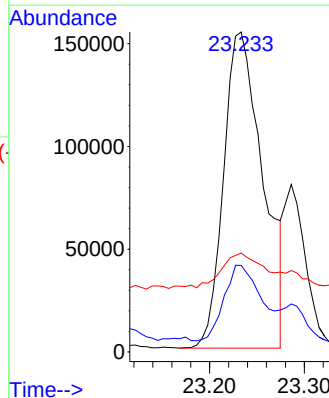
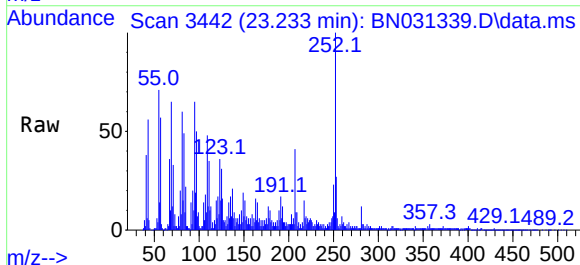
Delta R.T. 0.012 min

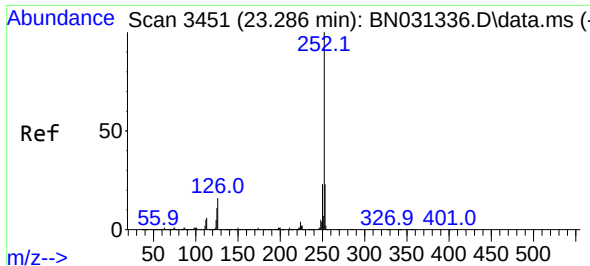
Lab File: BN031339.D

Acq: 01 May 2024 04:29

Tgt Ion:252 Resp: 444129

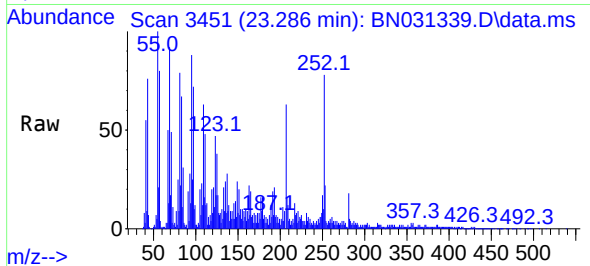
Ion	Ratio	Lower	Upper
252	100		
253	27.0	15.7	23.5#
125	30.9	8.6	13.0#





#91
Benzo(k)fluoranthene
Concen: 1.800 ng/u1
RT: 23.286 min Scan# 3451
Delta R.T. 0.000 min
Lab File: BN031339.D
Acq: 01 May 2024 04:29

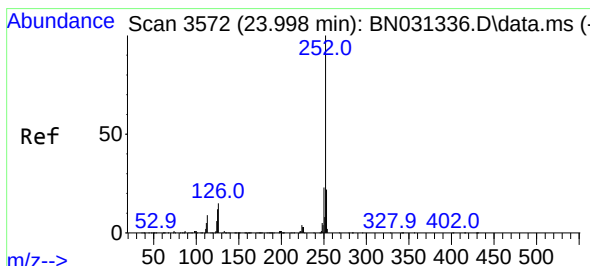
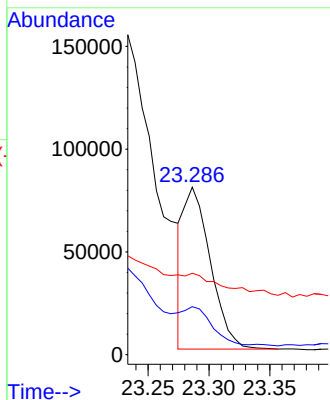
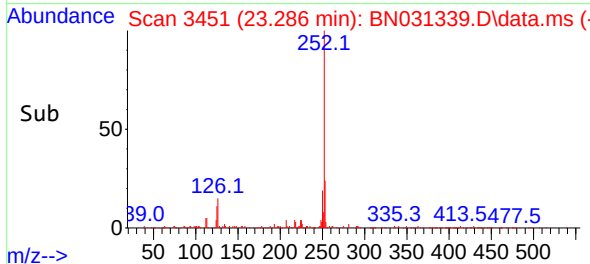
Instrument :
BNA_N
ClientSampleId :
E1CY7



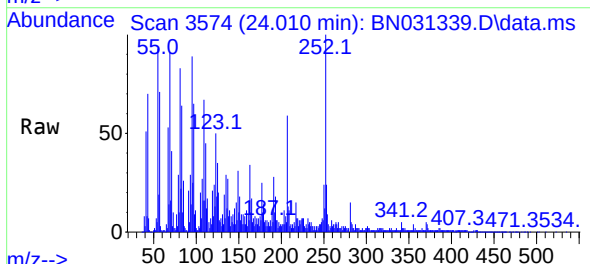
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Ion Ratio Lower Upper
252 100
253 28.7 17.8 26.8
125 48.6 8.7 13.1

Manual Integrations
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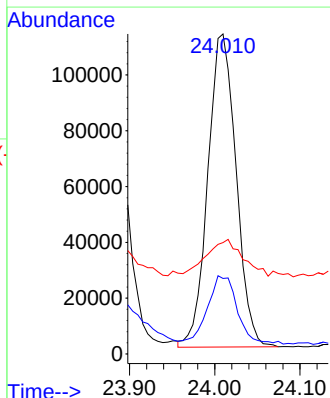
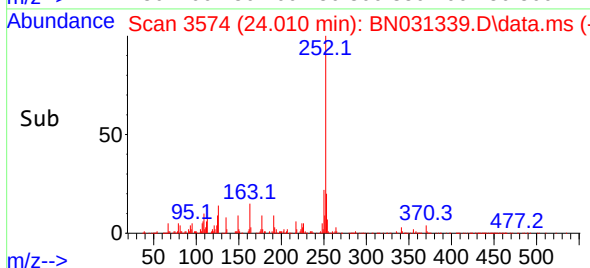
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

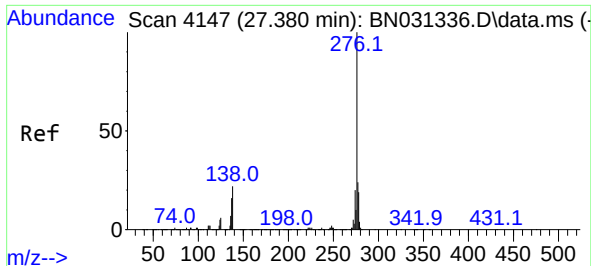


#93
Benzo(a)pyrene
Concen: 4.223 ng/u1
RT: 24.010 min Scan# 3574
Delta R.T. 0.012 min
Lab File: BN031339.D
Acq: 01 May 2024 04:29



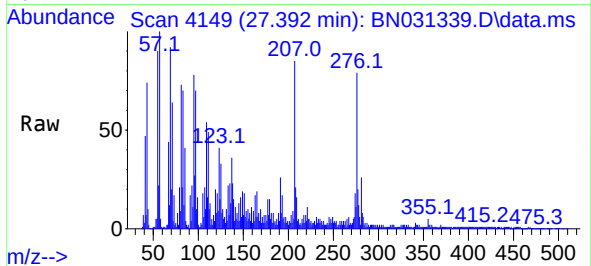
Tgt Ion:252 Resp: 258889
Ion Ratio Lower Upper
252 100
253 23.6 17.7 26.5
125 34.8 9.7 14.5





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 3.145 ng/ul
 RT: 27.392 min Scan# 4149
 Delta R.T. 0.012 min
 Lab File: BN031339.D
 Acq: 01 May 2024 04:29

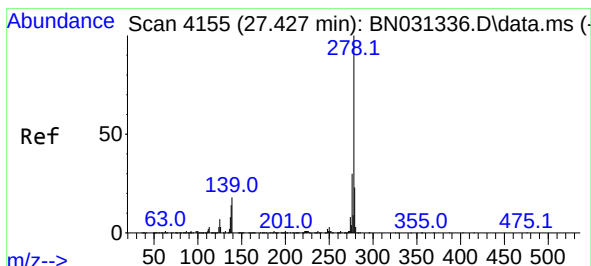
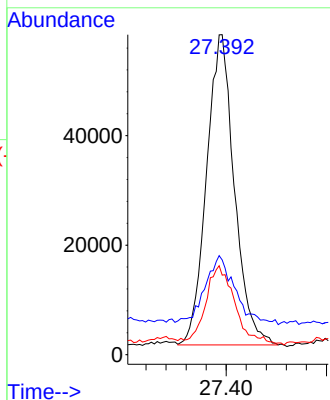
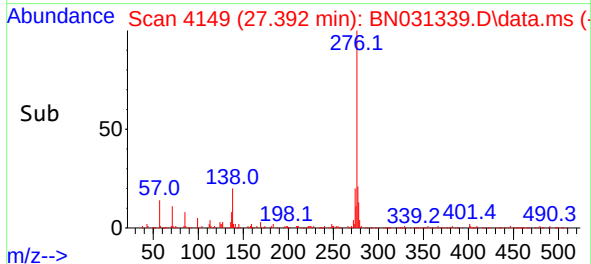
Instrument :
 BNA_N
 ClientSampleId :
 E1CY7



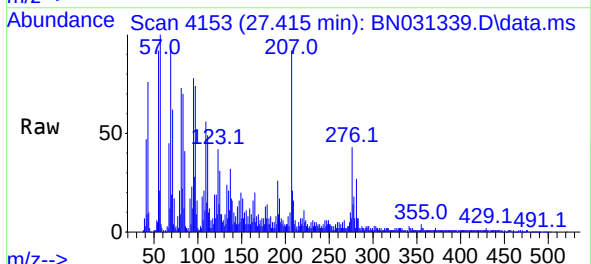
Tgt Ion:276 Resp: 21850
 Ion Ratio Lower Upper
 276 100
 138 29.6 18.1 27.1#
 277 24.8 19.5 29.3#

Manual Integrations
 APPROVED

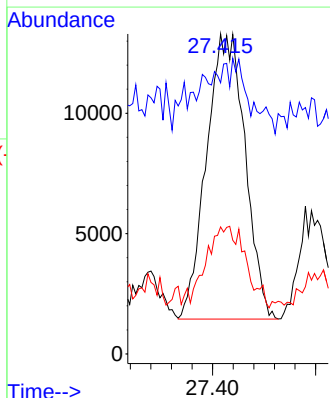
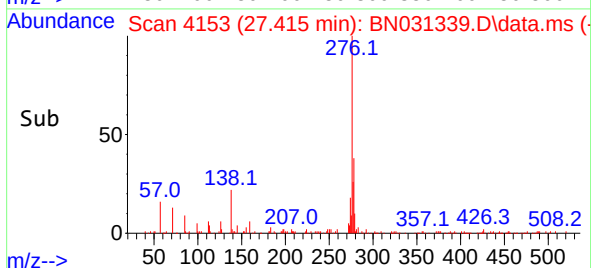
Reviewed By :Jagrut Upadhyay 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024

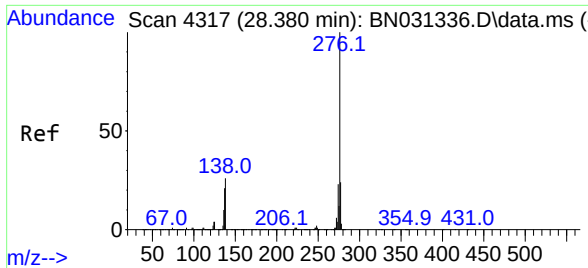


#95
 Dibenzo(a,h)anthracene
 Concen: 1.069 ng/ul m
 RT: 27.415 min Scan# 4153
 Delta R.T. -0.012 min
 Lab File: BN031339.D
 Acq: 01 May 2024 04:29



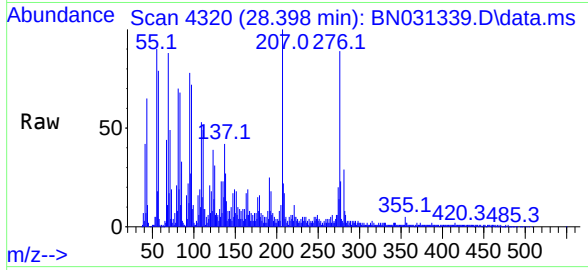
Tgt Ion:278 Resp: 61664
 Ion Ratio Lower Upper
 278 100
 139 84.7 13.9 20.9#
 279 39.7 18.7 28.1#





#96
Benzo(g,h,i)perylene
Concen: 4.159 ng/ul
RT: 28.398 min Scan# 41
Delta R.T. 0.018 min
Lab File: BN031339.D
Acq: 01 May 2024 04:29

Instrument :
BNA_N
ClientSampleId :
E1CY7



Tgt Ion: 276 Resp: 233062

Ion	Ratio	Lower	Upper
276	100		
138	30.3	18.8	28.2
277	25.5	18.0	27.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

