

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
 Data File : BN032236.D
 Acq On : 25 Jun 2024 10:43
 Operator : MA/JU
 Sample : P2844-15
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C69

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :Jagrut Upadhyay 06/26/2024

Quant Time: Jun 25 11:32:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	304340	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	1230549	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.275	164	747131	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.027	188	1491150	20.000	ng/u1	0.00
79) Chrysene-d12	21.268	240	1297975	20.000	ng/u1	0.00
88) Perylene-d12	24.192	264	1595526	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	28697	3.901	ng/uL	0.00
4) Pyridine-d5	3.587	84	36605	1.768	ng/u1	0.02
7) Phenol-d5	6.816	99	601184	23.042	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	318313	20.858	ng/u1	0.00
11) 2-Chlorophenol-d4	7.163	132	538893	27.070	ng/u1	0.00
15) 4-Methylphenol-d8	8.345	113	462959	21.768	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	259927	27.626	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	283807	29.201	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.039	165	486219	26.797	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	48299	1.793	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	1407129	27.034	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	1673184	27.957	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.516	143	233415	22.397	ng/u1	0.01
60) Fluorene-d10	15.269	176	1215020	27.589	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.416	200	120384	16.061	ng/u1	0.00
73) Anthracene-d10	17.127	188	1839725	28.818	ng/u1	0.00
81) Pyrene-d10	19.427	212	1803160	25.961	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	1559029	20.463	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.845	94	27358	1.030	ng/u1#	88
16) Acetophenone	8.451	105	74351	2.307	ng/u1	99
30) Naphthalene	10.457	128	77380	1.215	ng/u1	99
50) Acenaphthylene	13.992	152	214467	3.171	ng/u1	98
52) Acenaphthene	14.339	153	93850	2.097	ng/u1	99
56) Dibenzofuran	14.674	168	89745	1.476	ng/u1	98
61) Fluorene	15.327	166	117964	2.409	ng/u1	96
72) Phenanthrene	17.068	178	2416398	31.811	ng/u1	99
74) Anthracene	17.157	178	544998	7.081	ng/u1	98
77) Carbazole	17.439	167	291598	4.443	ng/u1	100
78) Di-n-butylphthalate	17.998	149	104186	1.154	ng/u1	98
80) Fluoranthene	19.098	202	4669900	56.258	ng/u1	95
82) Pyrene	19.462	202	3624084	42.553	ng/u1	93
83) Butylbenzylphthalate	20.362	149	147334	3.663	ng/u1	95
85) Benzo(a)anthracene	21.251	228	2256038	25.968	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.168	149	770897	13.147	ng/u1	98
87) Chrysene	21.309	228	2470089	30.438	ng/u1	97
89) Di-n-octyl phthalate	22.274	149	142731	1.336	ng/u1	100
90) Benzo(b)fluoranthene	23.274	252	3847745	40.346	ng/u1	98
91) Benzo(k)fluoranthene	23.321	252	852663m	9.111	ng/u1	
93) Benzo(a)pyrene	24.050	252	1509769	16.903	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.486	276	1476468	14.345	ng/u1	99
95) Dibenzo(a,h)anthracene	27.515	278	469054	5.582	ng/u1#	89
96) Benzo(g,h,i)perylene	28.503	276	206976	2.530	ng/u1#	94

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

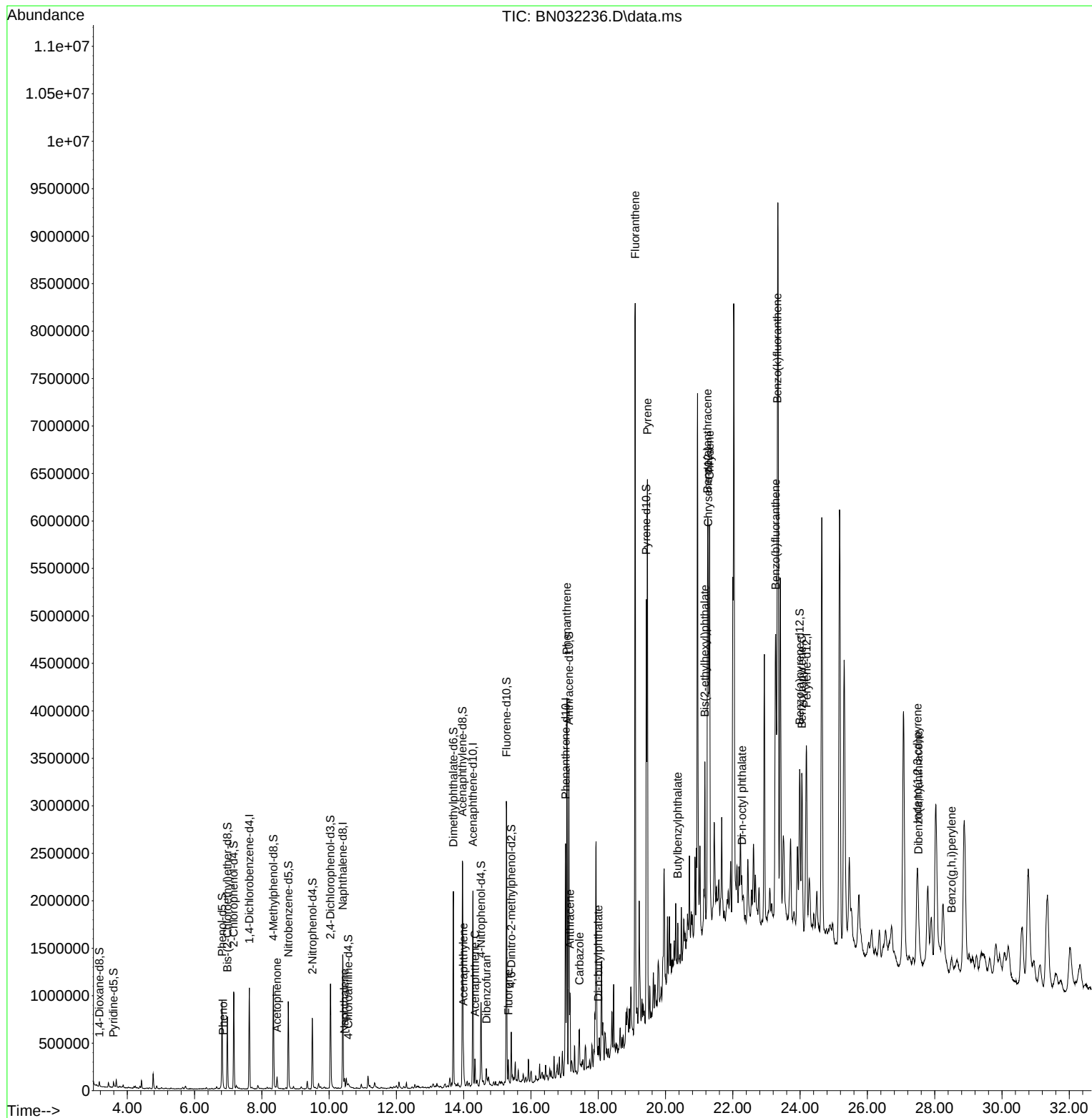
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
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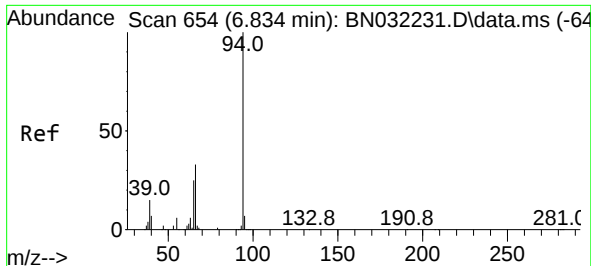
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Quant Time: Jun 25 11:32:32 2024
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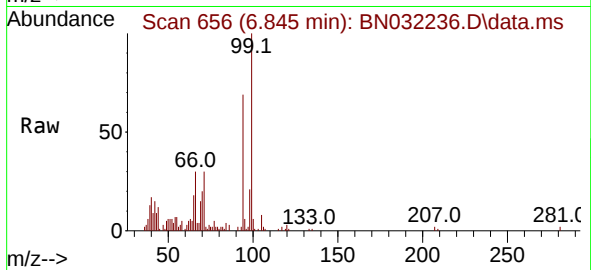
Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :Jagrut Upadhyay 06/26/2024





#8
Phenol
Concen: 1.030 ng/ul
RT: 6.845 min Scan# 654
Delta R.T. 0.006 min
Lab File: BN032236.D
Acq: 25 Jun 2024 10:43

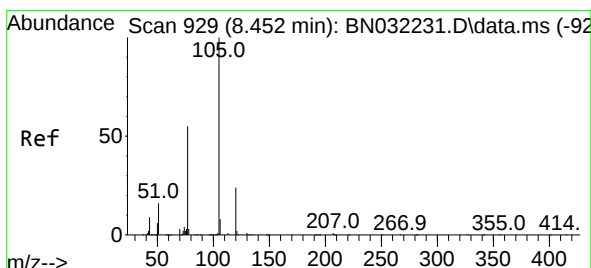
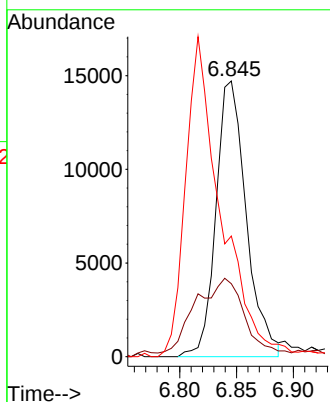
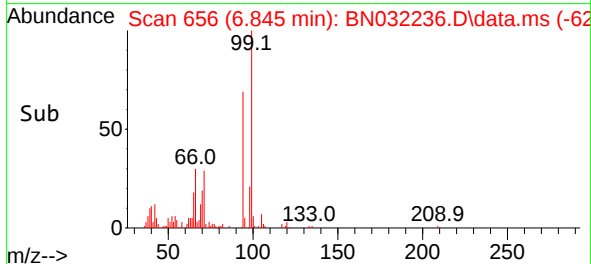
Instrument :
BNA_N
ClientSampleId :
A4C69



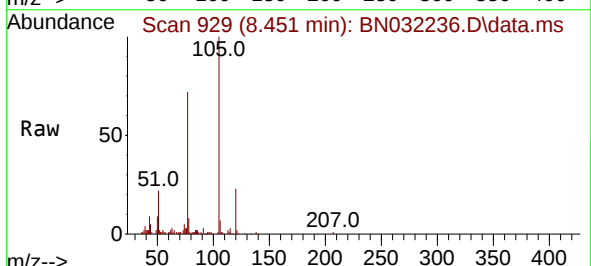
Tgt Ion: 94 Resp: 2735
Ion Ratio Lower Upper
94 100
65 26.5 20.3 30.5
66 43.8 25.8 38.8

Manual Integrations
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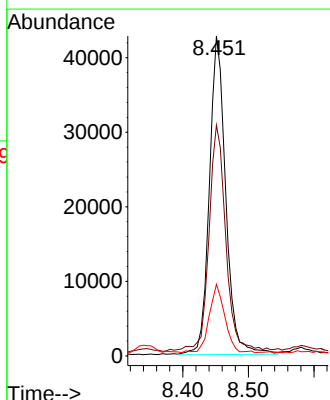
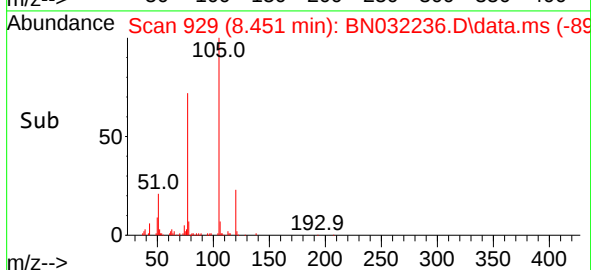
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :Jagrut Upadhyay 06/26/2024

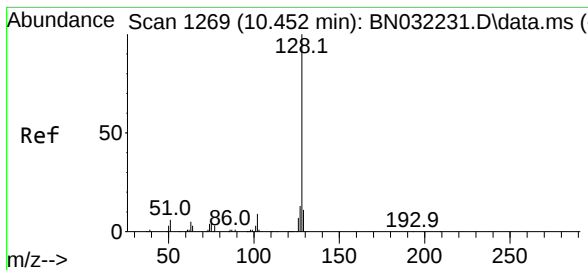


#16
Acetophenone
Concen: 2.307 ng/ul
RT: 8.451 min Scan# 929
Delta R.T. -0.012 min
Lab File: BN032236.D
Acq: 25 Jun 2024 10:43



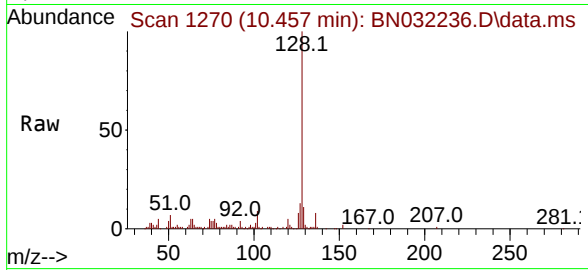
Tgt Ion:105 Resp: 74351
Ion Ratio Lower Upper
105 100
77 72.2 58.6 87.8
51 22.4 17.2 25.8





#30
Naphthalene
Concen: 1.215 ng/ul
RT: 10.457 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BN032236.D
Acq: 25 Jun 2024 10:43

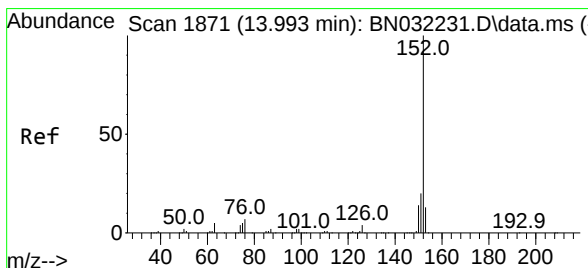
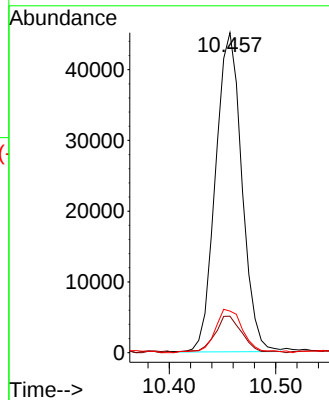
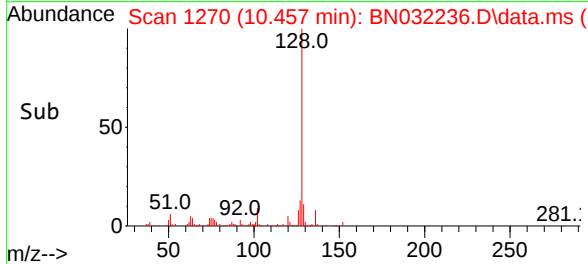
Instrument :
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ClientSampleId :
A4C69



Tgt Ion:128 Resp: 77380
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 13.0 10.3 15.5

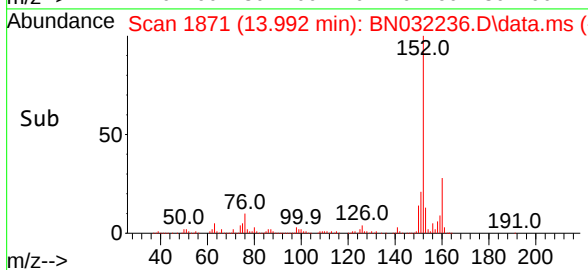
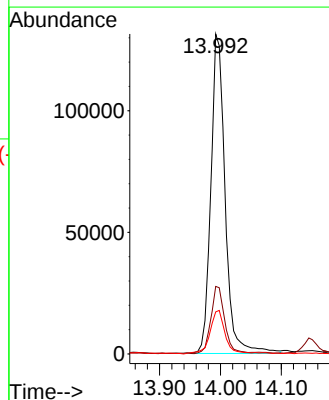
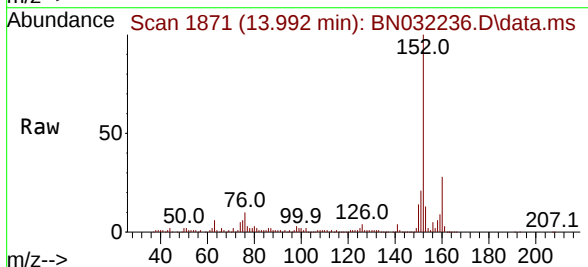
Manual Integrations
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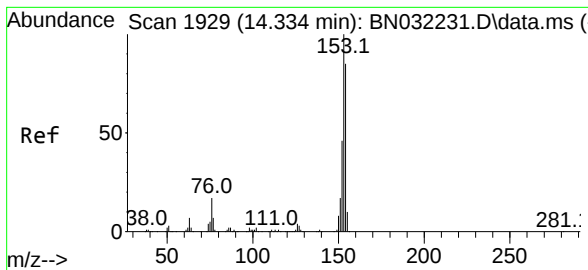
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :Jagrut Upadhyay 06/26/2024



#50
Acenaphthylene
Concen: 3.171 ng/ul
RT: 13.992 min Scan# 1871
Delta R.T. -0.012 min
Lab File: BN032236.D
Acq: 25 Jun 2024 10:43

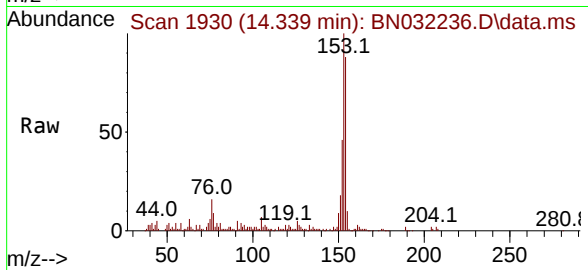
Tgt Ion:152 Resp: 214467
Ion Ratio Lower Upper
152 100
151 21.1 15.9 23.9
153 13.2 10.4 15.6





#52
Acenaphthene
Concen: 2.097 ng/u1
RT: 14.339 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BN032236.D
Acq: 25 Jun 2024 10:43

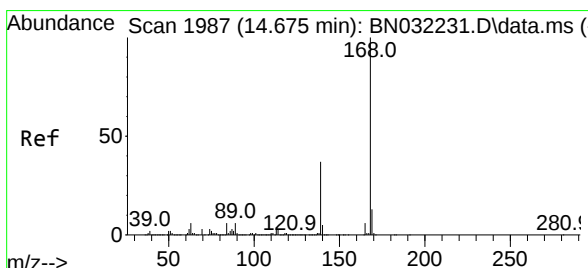
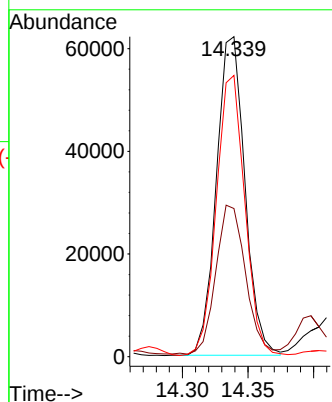
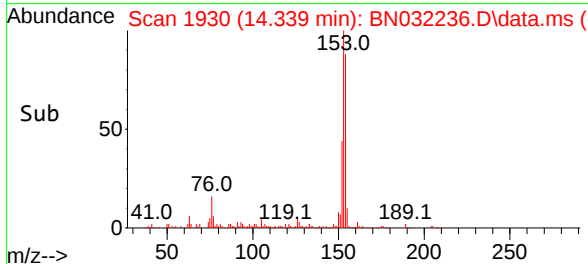
Instrument :
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ClientSampleId :
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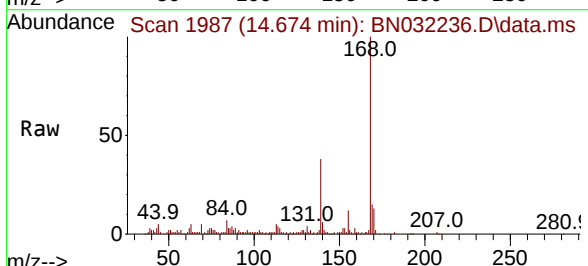
Tgt Ion:153 Resp: 93850
Ion Ratio Lower Upper
153 100
152 46.3 37.8 56.6
154 87.9 69.8 104.8

Manual Integrations
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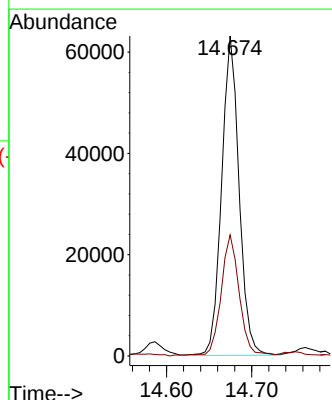
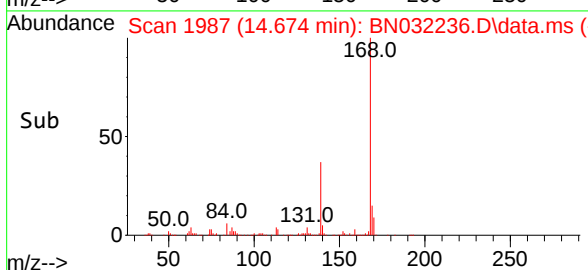
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :Jagrut Upadhyay 06/26/2024

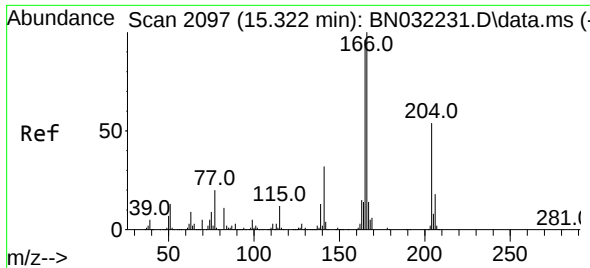


#56
Dibenzofuran
Concen: 1.476 ng/u1
RT: 14.674 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BN032236.D
Acq: 25 Jun 2024 10:43



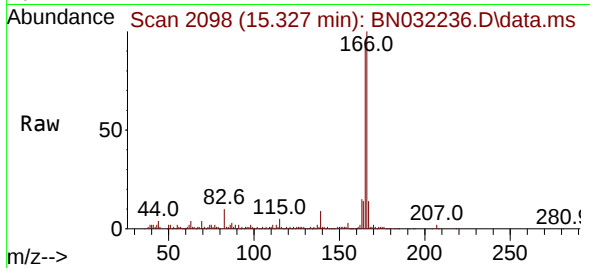
Tgt Ion:168 Resp: 89745
Ion Ratio Lower Upper
168 100
139 37.8 29.4 44.0





#61
Fluorene
Concen: 2.409 ng/ul
RT: 15.327 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BN032236.D
Acq: 25 Jun 2024 10:43

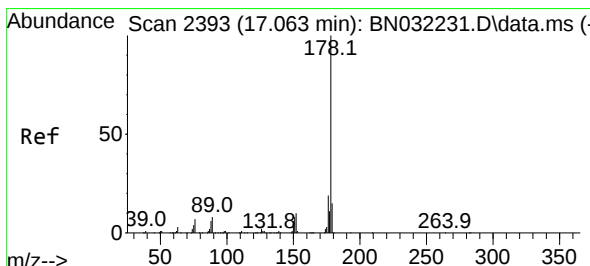
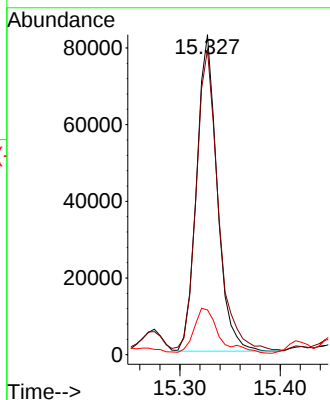
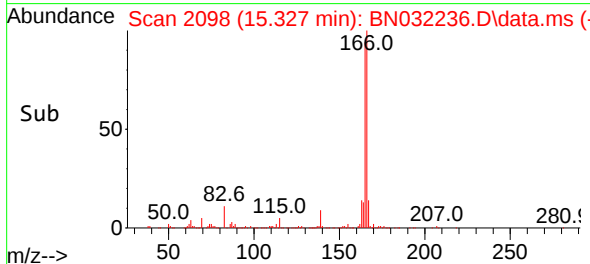
Instrument :
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A4C69



Tgt Ion:166 Resp: 117964
Ion Ratio Lower Upper
166 100
165 95.3 80.3 120.5
167 14.0 11.3 16.9

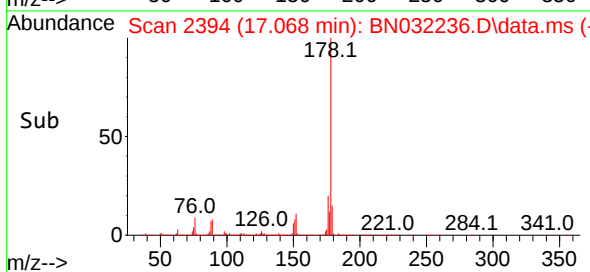
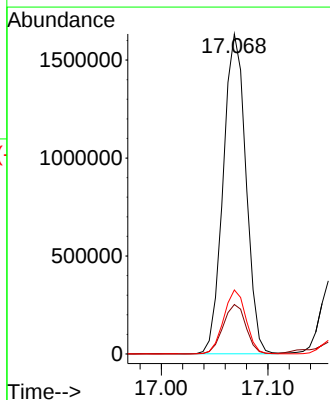
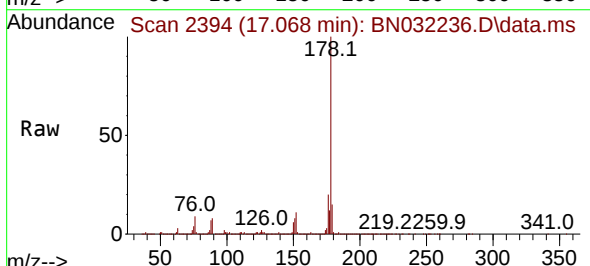
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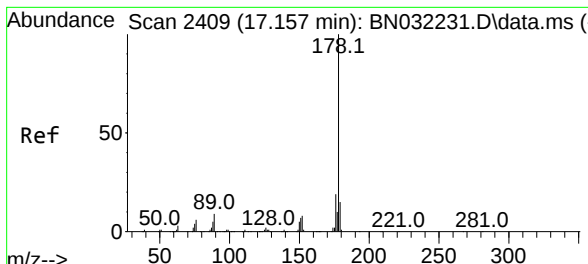
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :Jagrut Upadhyay 06/26/2024



#72
Phenanthrene
Concen: 31.811 ng/ul
RT: 17.068 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BN032236.D
Acq: 25 Jun 2024 10:43

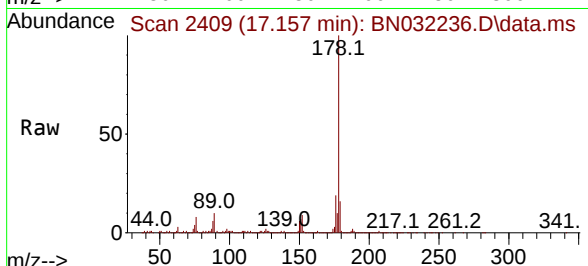
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Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 20.0 15.8 23.6





#74
 Anthracene
 Concen: 7.081 ng/ul
 RT: 17.157 min Scan# 2409
 Delta R.T. -0.006 min
 Lab File: BN032236.D
 Acq: 25 Jun 2024 10:43

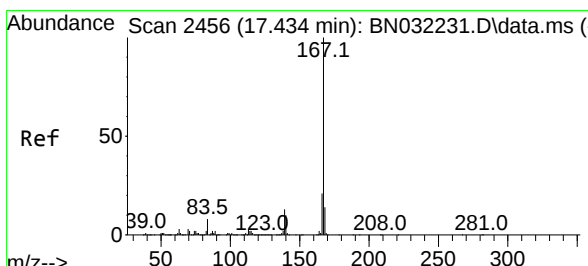
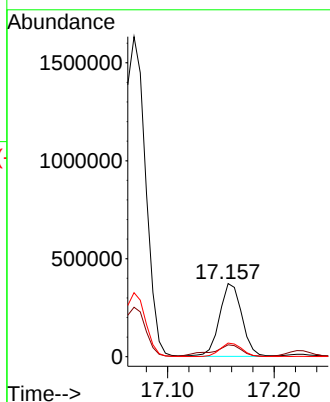
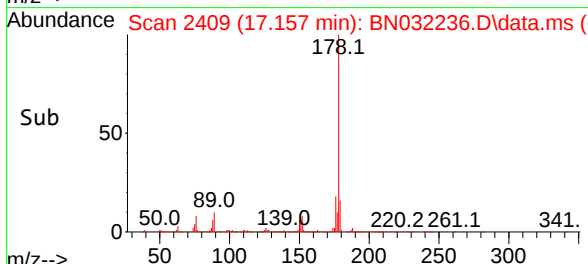
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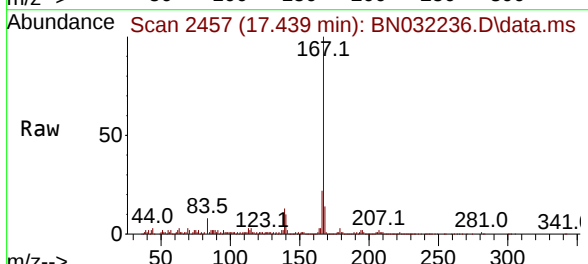
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 Ion Ratio Lower Upper
 178 100
 179 16.3 11.8 17.6
 176 18.6 14.8 22.2

Manual Integrations
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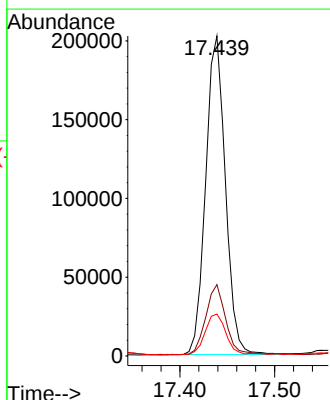
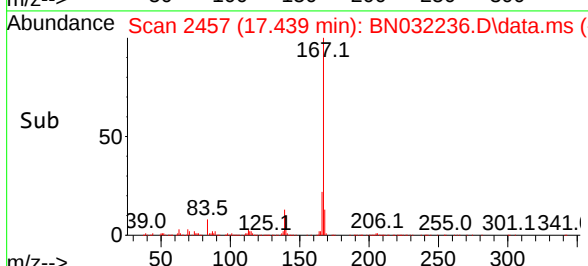
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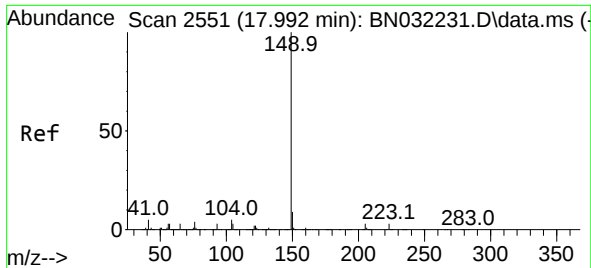


#77
 Carbazole
 Concen: 4.443 ng/ul
 RT: 17.439 min Scan# 2457
 Delta R.T. -0.000 min
 Lab File: BN032236.D
 Acq: 25 Jun 2024 10:43



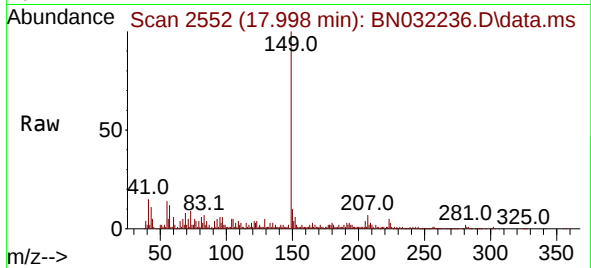
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 Ion Ratio Lower Upper
 167 100
 166 22.3 17.9 26.9
 139 13.1 10.5 15.7





#78
Di-n-butylphthalate
Concen: 1.154 ng/ul
RT: 17.998 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN032236.D
Acq: 25 Jun 2024 10:43

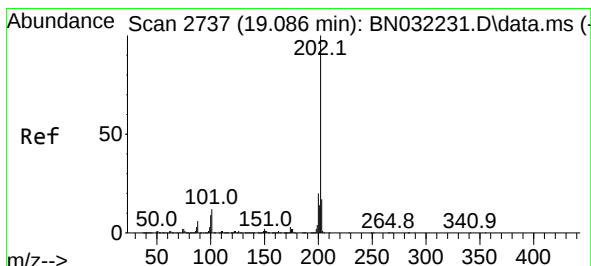
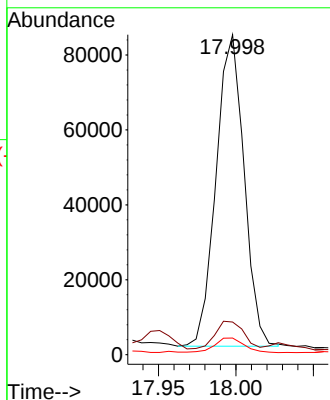
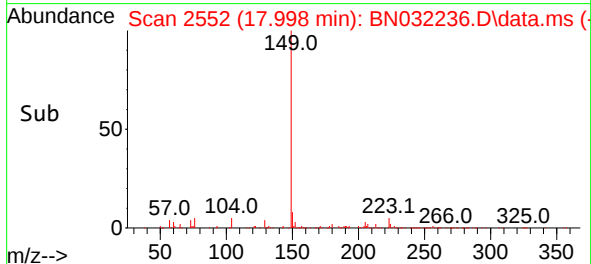
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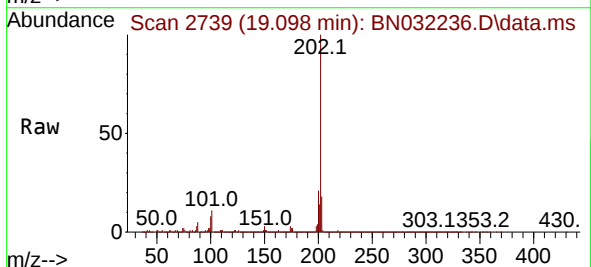
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Ion Ratio Lower Upper
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150 10.2 7.4 11.0
104 5.2 4.1 6.1

Manual Integrations
APPROVED

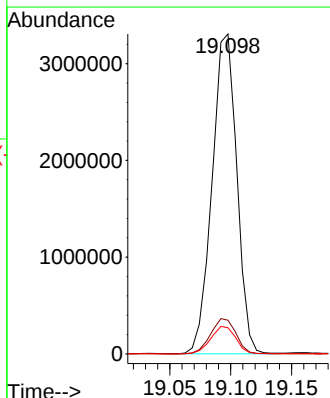
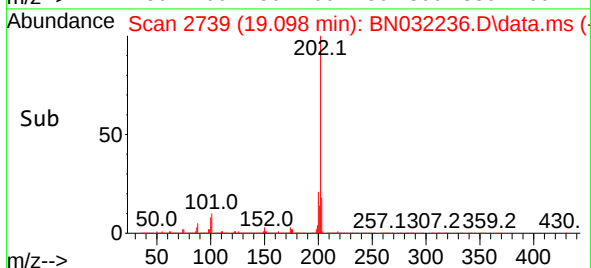
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :Jagrut Upadhyay 06/26/2024

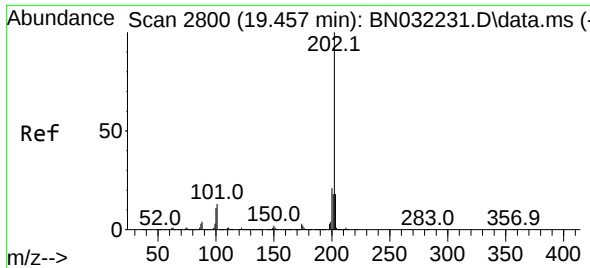


#80
Fluoranthene
Concen: 56.258 ng/ul
RT: 19.098 min Scan# 2739
Delta R.T. -0.000 min
Lab File: BN032236.D
Acq: 25 Jun 2024 10:43



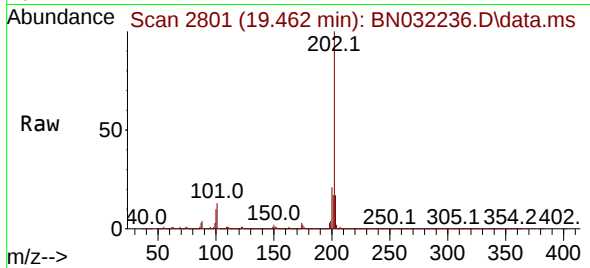
Tgt Ion:202 Resp: 4669900
Ion Ratio Lower Upper
202 100
101 10.6 10.3 15.5
100 8.2 8.0 12.0





#82
 Pyrene
 Concen: 42.553 ng/ul
 RT: 19.462 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN032236.D
 Acq: 25 Jun 2024 10:43

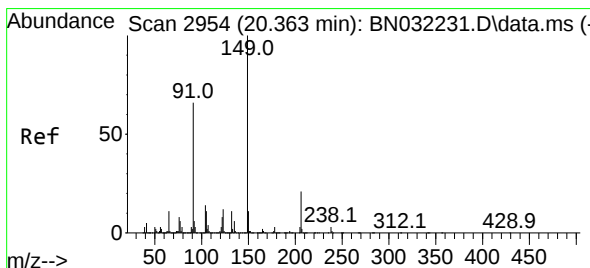
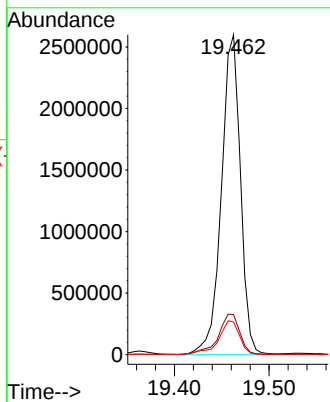
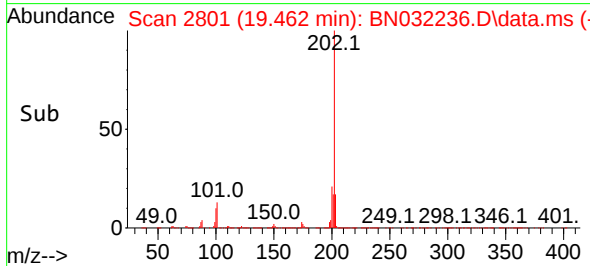
Instrument :
 BNA_N
 ClientSampleId :
 A4C69



Tgt Ion:202 Resp: 3624084
 Ion Ratio Lower Upper
 202 100
 101 12.6 12.6 18.8
 100 10.3 10.2 15.2

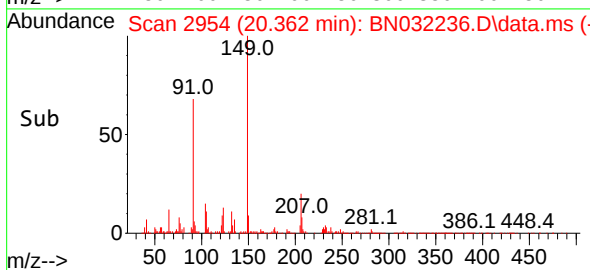
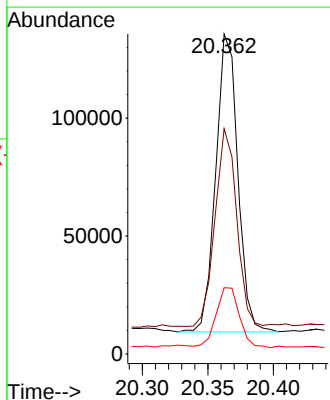
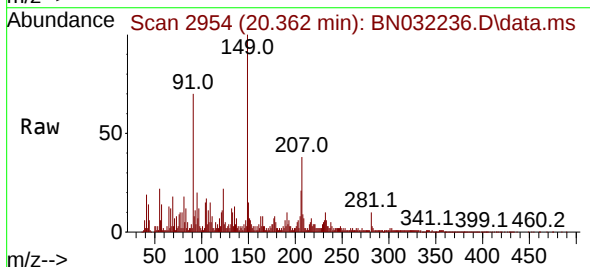
Manual Integrations
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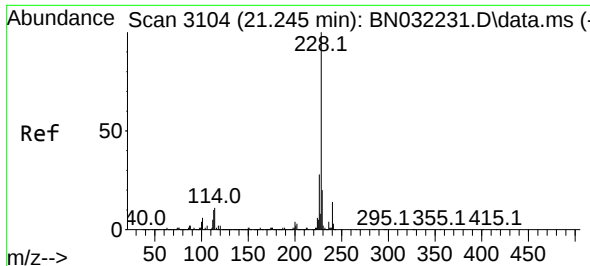
Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :Jagrut Upadhyay 06/26/2024



#83
 Butylbenzylphthalate
 Concen: 3.663 ng/ul
 RT: 20.362 min Scan# 2954
 Delta R.T. -0.006 min
 Lab File: BN032236.D
 Acq: 25 Jun 2024 10:43

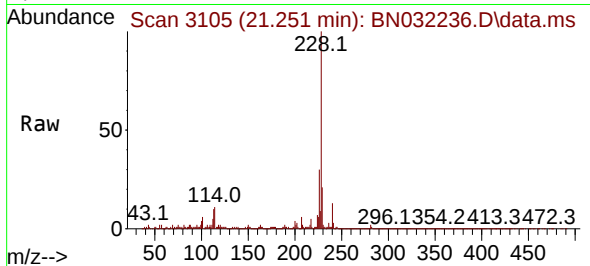
Tgt Ion:149 Resp: 147334
 Ion Ratio Lower Upper
 149 100
 91 70.4 61.0 91.4
 206 20.7 16.5 24.7





#85
Benzo(a)anthracene
Concen: 25.968 ng/ul
RT: 21.251 min Scan# 3105
Delta R.T. -0.000 min
Lab File: BN032236.D
Acq: 25 Jun 2024 10:43

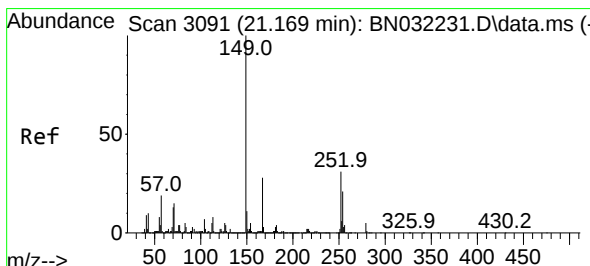
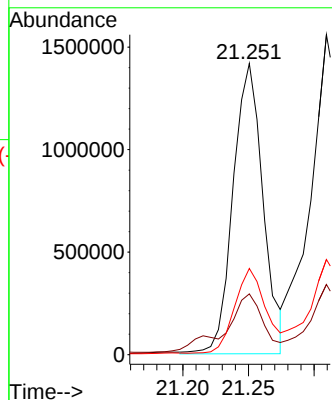
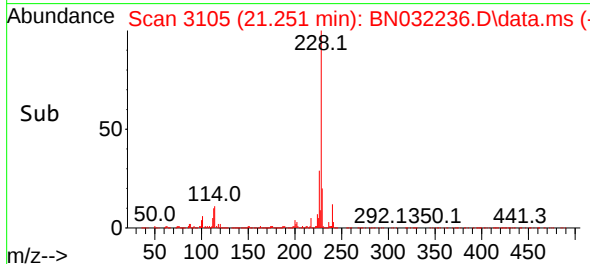
Instrument :
BNA_N
ClientSampleId :
A4C69



Tgt Ion:228 Resp: 2256038
Ion Ratio Lower Upper
228 100
229 20.9 16.7 25.1
226 29.6 22.8 34.2

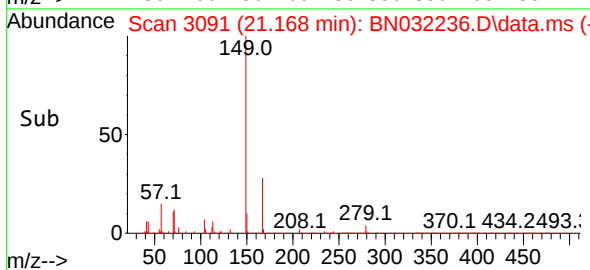
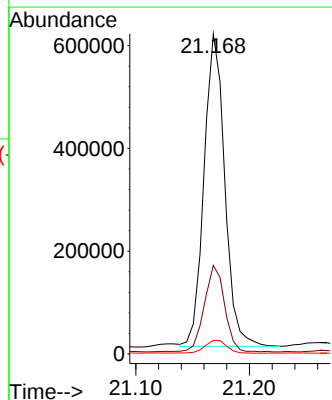
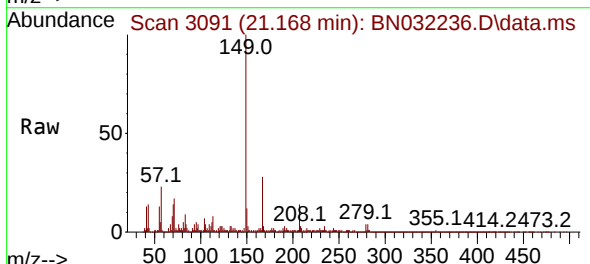
Manual Integrations
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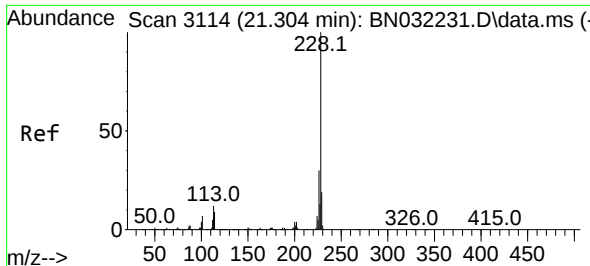
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :Jagrut Upadhyay 06/26/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 13.147 ng/ul
RT: 21.168 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BN032236.D
Acq: 25 Jun 2024 10:43

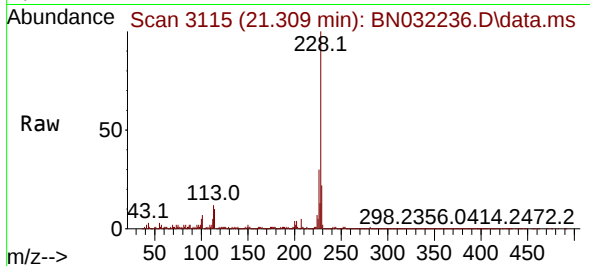
Tgt Ion:149 Resp: 770897
Ion Ratio Lower Upper
149 100
167 27.7 21.4 32.0
279 4.3 3.3 4.9





#87
Chrysene
Concen: 30.438 ng/ul
RT: 21.309 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BN032236.D
Acq: 25 Jun 2024 10:43

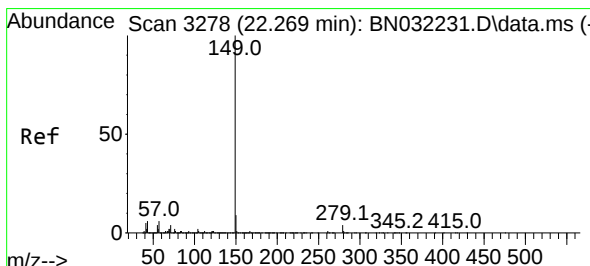
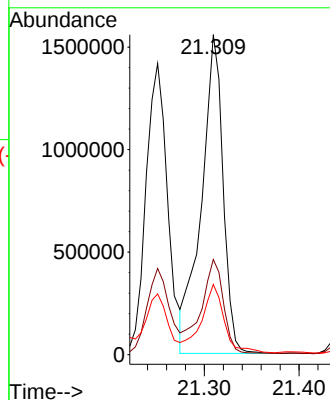
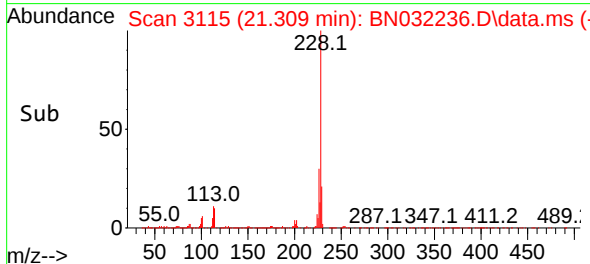
Instrument :
BNA_N
ClientSampleId :
A4C69



Tgt Ion:228 Resp: 2470089
Ion Ratio Lower Upper
228 100
226 29.7 23.7 35.5
229 22.0 15.1 22.7

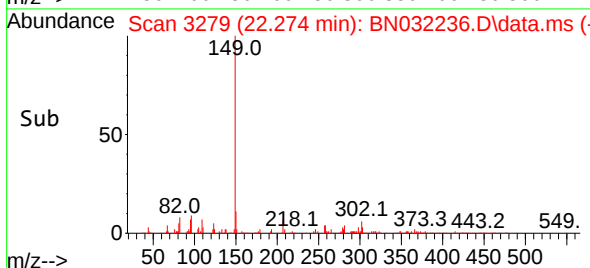
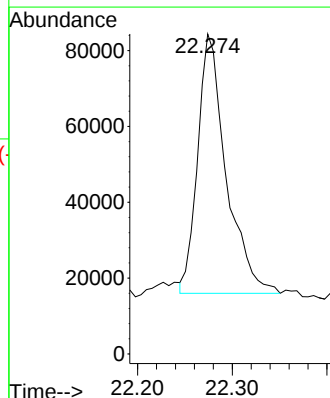
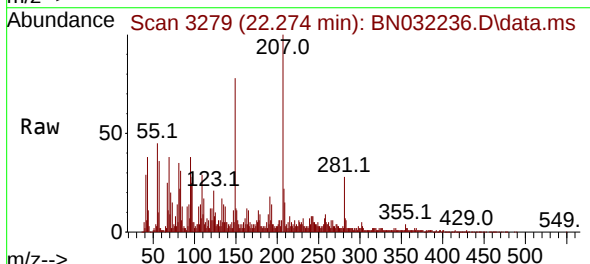
Manual Integrations
APPROVED

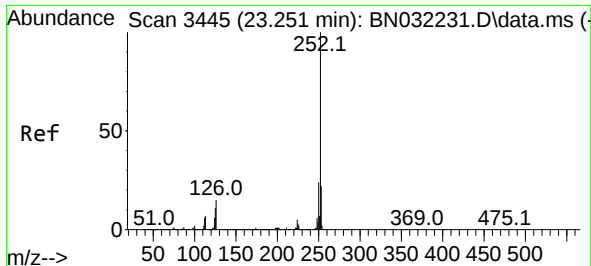
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :Jagrut Upadhyay 06/26/2024



#89
Di-n-octyl phthalate
Concen: 1.336 ng/ul
RT: 22.274 min Scan# 3279
Delta R.T. -0.000 min
Lab File: BN032236.D
Acq: 25 Jun 2024 10:43

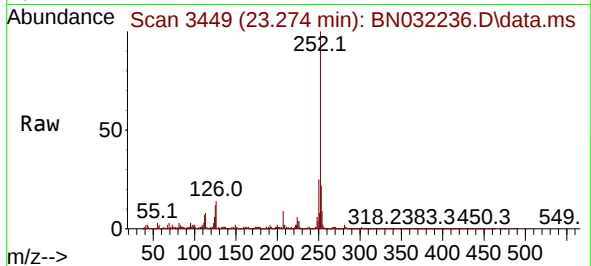
Tgt Ion:149 Resp: 142731





#90
Benzo(b)fluoranthene
Concen: 40.346 ng/ul
RT: 23.274 min Scan# 3445
Delta R.T. 0.012 min
Lab File: BN032236.D
Acq: 25 Jun 2024 10:43

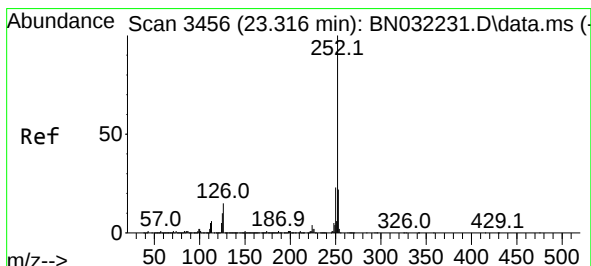
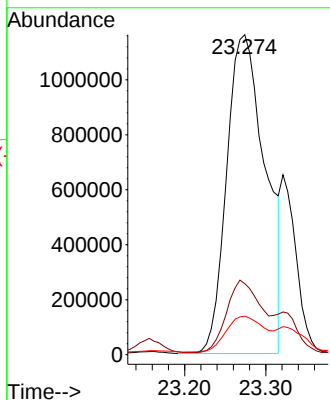
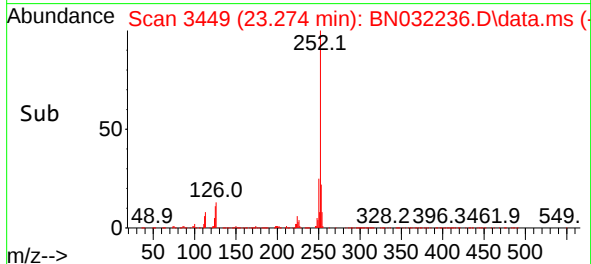
Instrument :
BNA_N
ClientSampleId :
A4C69



Tgt Ion:252 Resp: 384774
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 12.1 9.2 13.8

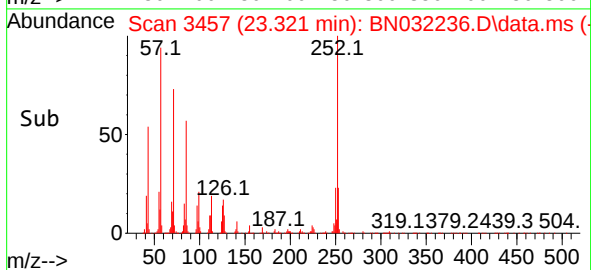
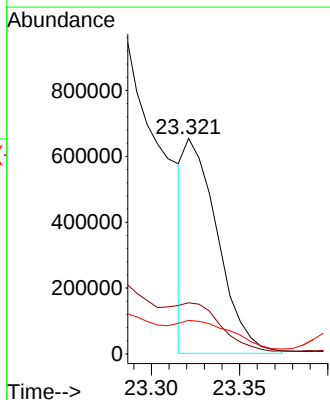
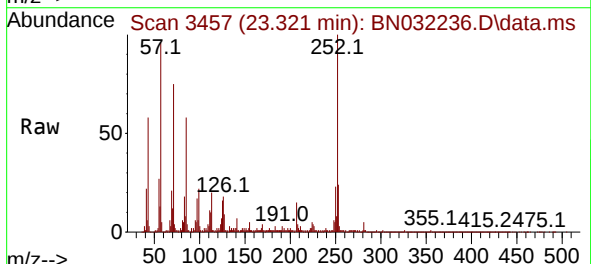
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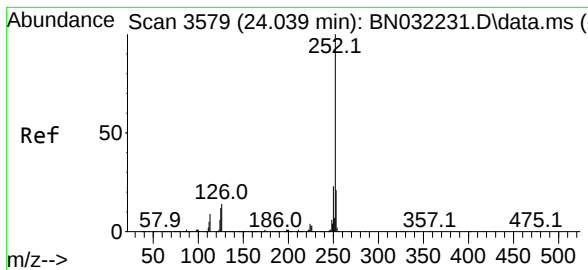
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :Jagrut Upadhyay 06/26/2024



#91
Benzo(k)fluoranthene
Concen: 9.111 ng/ul m
RT: 23.321 min Scan# 3457
Delta R.T. -0.000 min
Lab File: BN032236.D
Acq: 25 Jun 2024 10:43

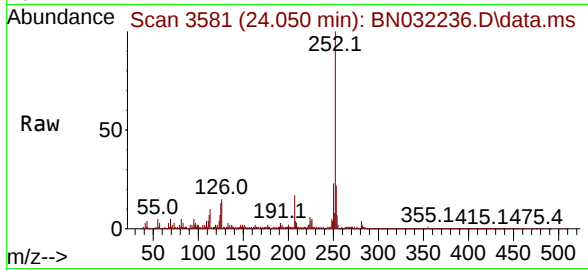
Tgt Ion:252 Resp: 852663
Ion Ratio Lower Upper
252 100
253 23.8 17.6 26.4
125 15.6 9.4 14.2#





#93
Benzo(a)pyrene
Concen: 16.903 ng/ul
RT: 24.050 min Scan# 3581
Delta R.T. 0.012 min
Lab File: BN032236.D
Acq: 25 Jun 2024 10:43

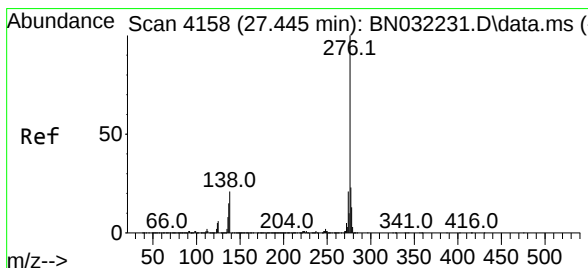
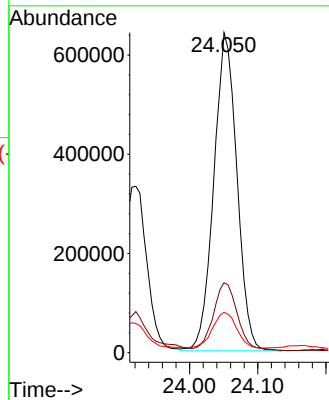
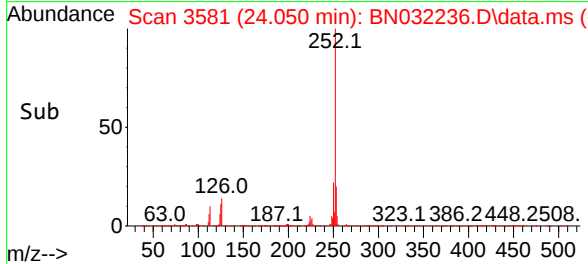
Instrument :
BNA_N
ClientSampleId :
A4C69



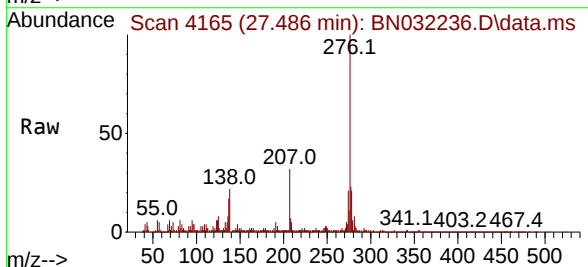
Tgt Ion:252 Resp: 1509769
Ion Ratio Lower Upper
252 100
253 21.9 16.6 24.8
125 12.6 9.8 14.8

Manual Integrations
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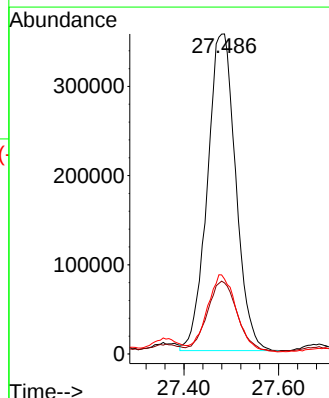
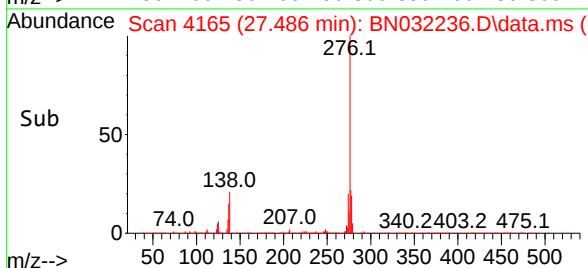
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :Jagrut Upadhyay 06/26/2024

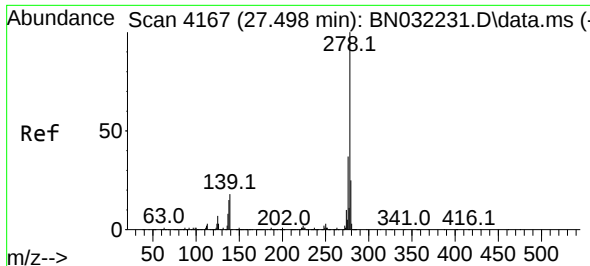


#94
Indeno(1,2,3-cd)pyrene
Concen: 14.345 ng/ul
RT: 27.486 min Scan# 4165
Delta R.T. 0.041 min
Lab File: BN032236.D
Acq: 25 Jun 2024 10:43



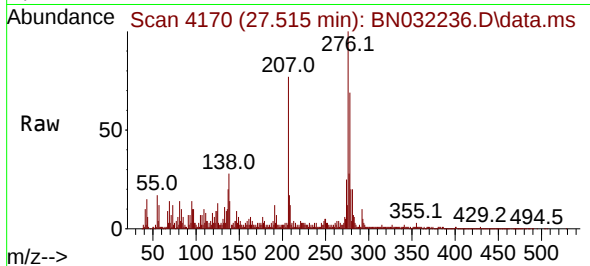
Tgt Ion:276 Resp: 1476468
Ion Ratio Lower Upper
276 100
138 22.2 18.1 27.1
277 23.4 18.2 27.2





#95
Dibenzo(a,h)anthracene
Concen: 5.582 ng/ul
RT: 27.515 min Scan# 4167
Delta R.T. 0.012 min
Lab File: BN032236.D
Acq: 25 Jun 2024 10:43

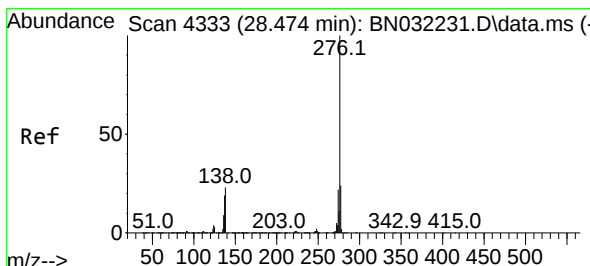
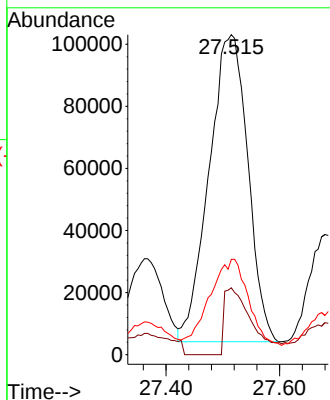
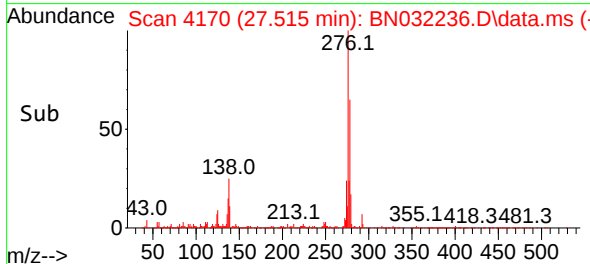
Instrument :
BNA_N
ClientSampleId :
A4C69



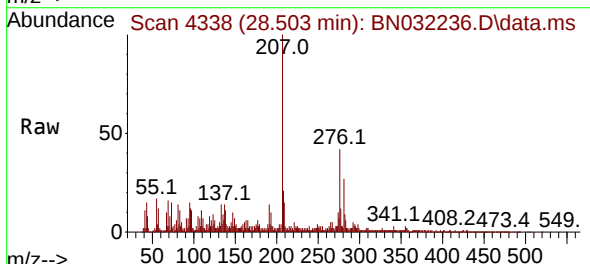
Tgt Ion:278 Resp: 469054
Ion Ratio Lower Upper
278 100
139 20.9 15.0 22.6
279 29.8 17.4 26.0

Manual Integrations
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Reviewed By :Yogesh Patel 06/26/2024
Supervised By :Jagrut Upadhyay 06/26/2024



#96
Benzo(g,h,i)perylene
Concen: 2.530 ng/ul
RT: 28.503 min Scan# 4338
Delta R.T. 0.035 min
Lab File: BN032236.D
Acq: 25 Jun 2024 10:43



Tgt Ion:276 Resp: 206976
Ion Ratio Lower Upper
276 100
138 26.7 20.9 31.3
277 28.3 18.0 27.0

