

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
 Data File : BN026730.D
 Acq On : 25 Jul 2023 02:26
 Operator : MA/JU
 Sample : 03630-02
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20230713

Quant Time: Jul 25 03:27:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 23:51:48 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	1621	0.400	ng	0.00
7) Naphthalene-d8	10.629	136	5318	0.400	ng	0.00
13) Acenaphthene-d10	14.459	164	4138	0.400	ng	0.00
19) Phenanthrene-d10	17.219	188	8594	0.400	ng	# 0.00
29) Chrysene-d12	21.417	240	6490	0.400	ng	# 0.00
35) Perylene-d12	23.788	264	7373	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	146	0.037	ng	0.00
5) Phenol-d6	7.098	99	159m	0.032	ng	0.06
8) Nitrobenzene-d5	9.059	82	1079m	0.237	ng	0.02
11) 2-Methylnaphthalene-d10	12.222	152	2881	0.371	ng	0.00
14) 2,4,6-Tribromophenol	15.978	330	53	0.035	ng	0.00
15) 2-Fluorobiphenyl	13.090	172	4895	0.306	ng	-0.01
27) Fluoranthene-d10	19.249	212	7843	0.431	ng	0.00
31) Terphenyl-d14	19.844	244	6370	0.384	ng	0.00
Target Compounds						Qvalue
12) 2-Methylnaphthalene	12.298	142	757	0.075	ng	# 86
25) Phenanthrene	17.257	178	886	0.035	ng	# 73
30) Pyrene	19.648	202	1171	0.033	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.301	149	2836	0.136	ng	# 94

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

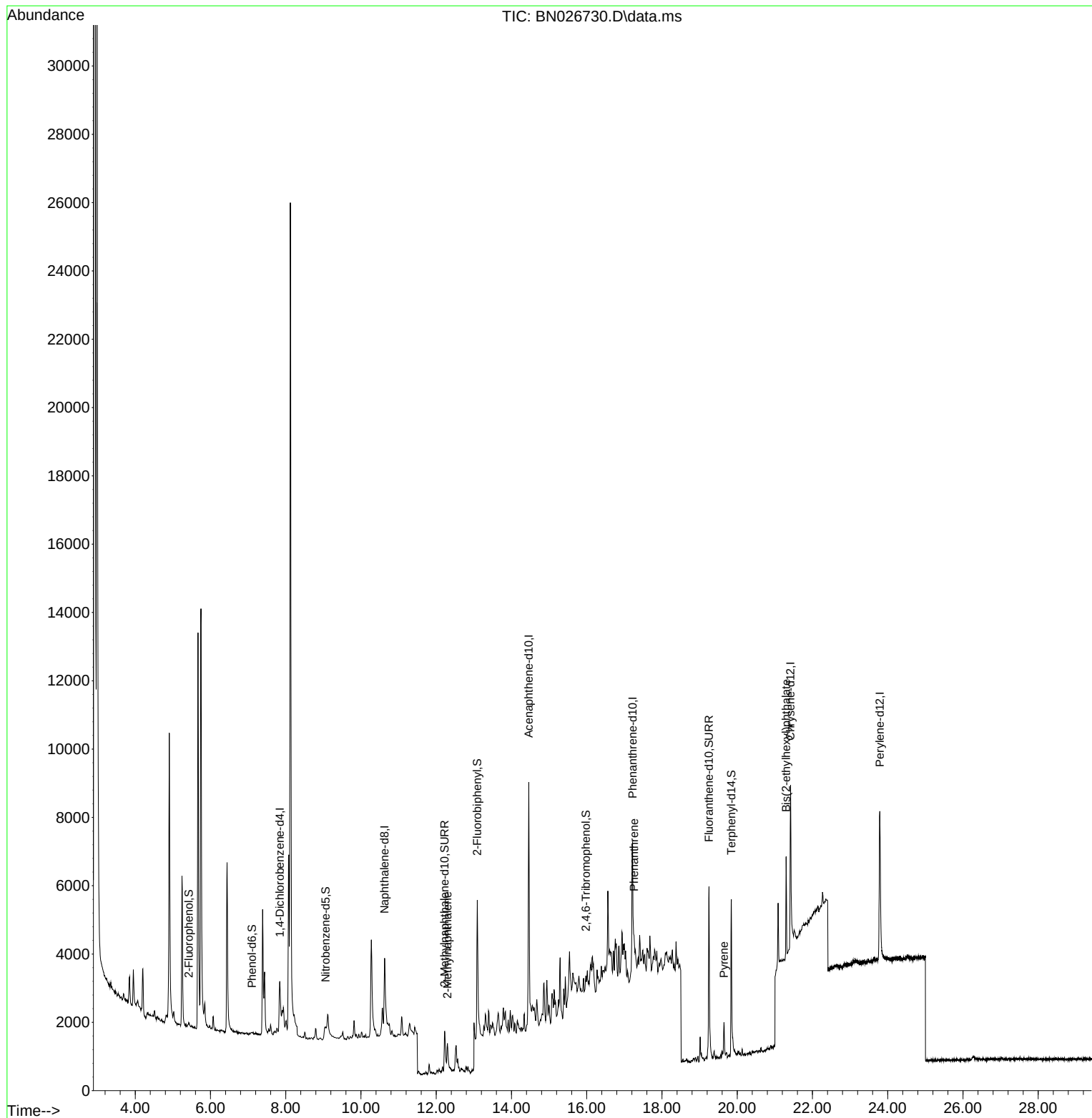
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
Data File : BN026730.D
Acq On : 25 Jul 2023 02:26
Operator : MA/JU
Sample : 03630-02
Misc :
ALS Vial : 66 Sample Multiplier: 1

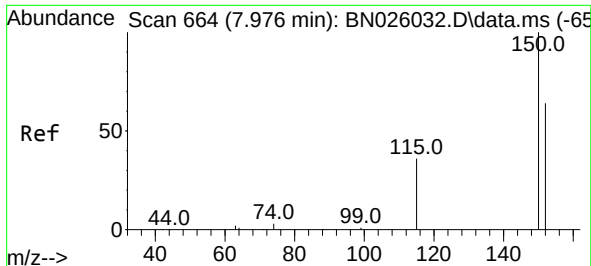
Instrument :
BNA_N
ClientSampleId :
SP-201-20230713

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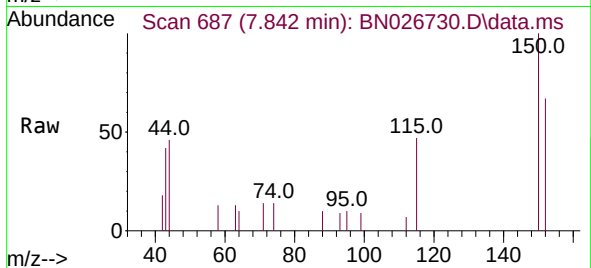
Quant Time: Jul 25 03:27:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 23:51:48 2023
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.842 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN026730.D
 Acq: 25 Jul 2023 02:26

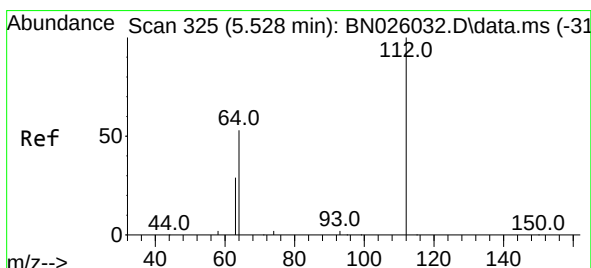
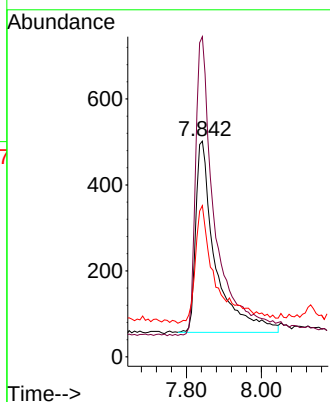
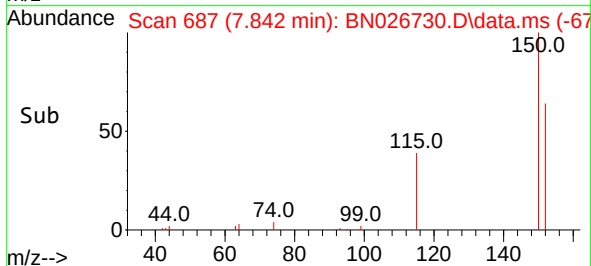
Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20230713



Tgt Ion:152 Resp: 162
 Ion Ratio Lower Upper
 152 100
 150 148.4 124.7 187.1
 115 70.1 48.2 72.4

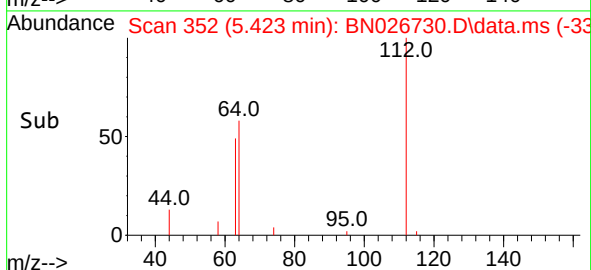
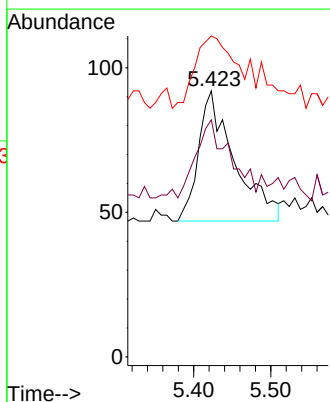
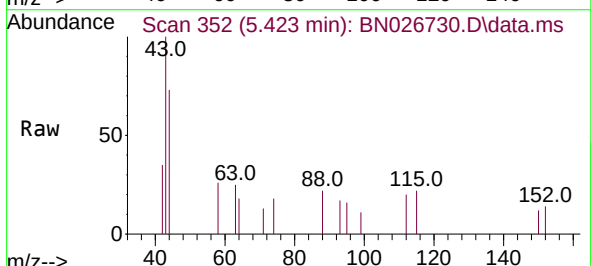
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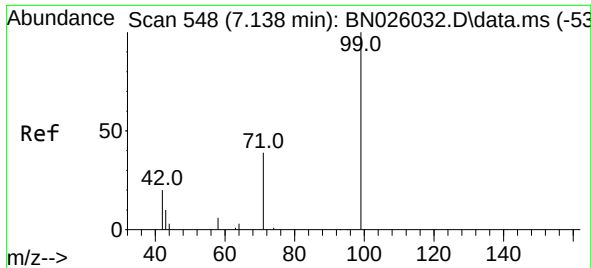
Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023



#4
 2-Fluorophenol
 Concen: 0.037 ng
 RT: 5.423 min Scan# 352
 Delta R.T. 0.007 min
 Lab File: BN026730.D
 Acq: 25 Jul 2023 02:26

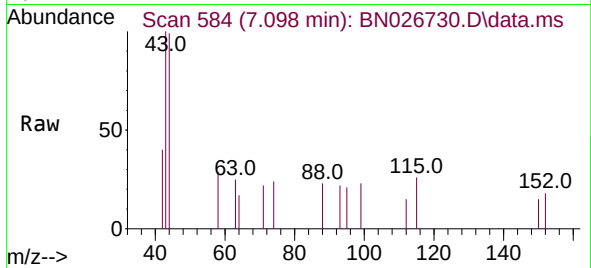
Tgt Ion:112 Resp: 146
 Ion Ratio Lower Upper
 112 100
 64 57.5 45.8 68.6
 63 59.6 27.4 41.2#





#5
Phenol-d6
Concen: 0.032 ng m
RT: 7.098 min Scan# 548
Delta R.T. 0.058 min
Lab File: BN026730.D
Acq: 25 Jul 2023 02:26

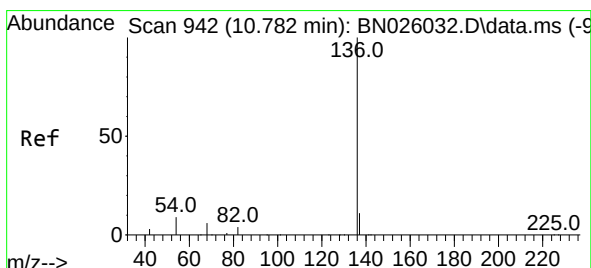
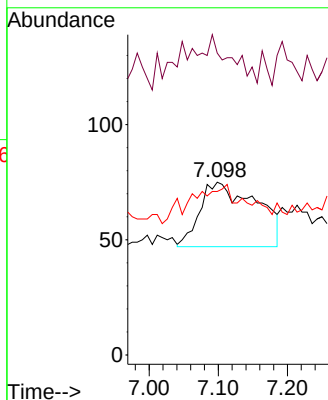
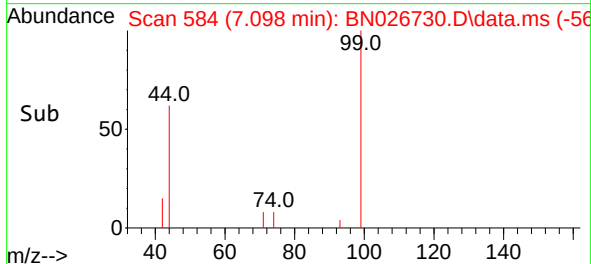
Instrument :
BNA_N
ClientSampleId :
SP-201-20230713



Tgt Ion: 99 Resp: 159
Ion Ratio Lower Upper
99 100
42 0.0 18.4 27.6
71 1.9 30.6 46.0

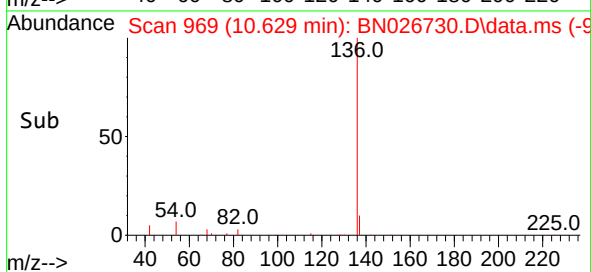
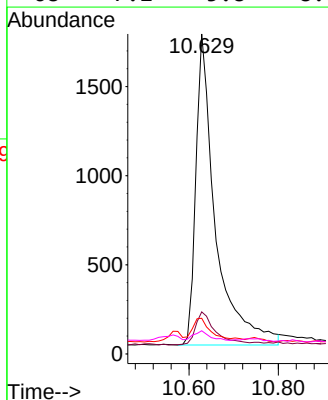
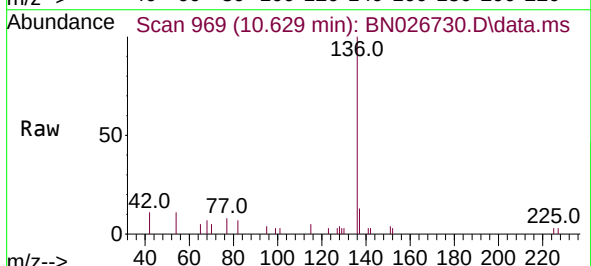
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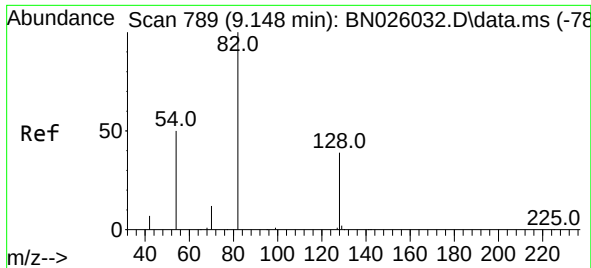
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.629 min Scan# 969
Delta R.T. 0.000 min
Lab File: BN026730.D
Acq: 25 Jul 2023 02:26

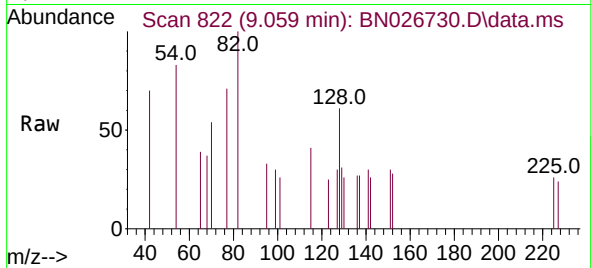
Tgt Ion:136 Resp: 5318
Ion Ratio Lower Upper
136 100
137 13.1 9.0 13.4
54 11.1 7.8 11.6
68 7.2 5.8 8.8





#8
Nitrobenzene-d5
Concen: 0.237 ng m
RT: 9.059 min Scan# 81
Delta R.T. 0.022 min
Lab File: BN026730.D
Acq: 25 Jul 2023 02:26

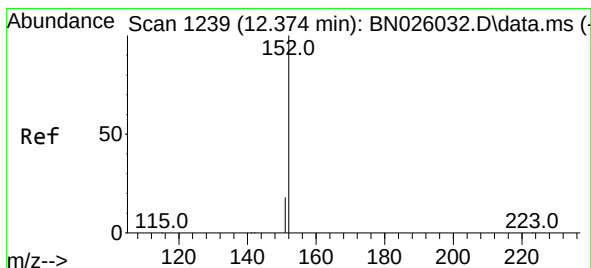
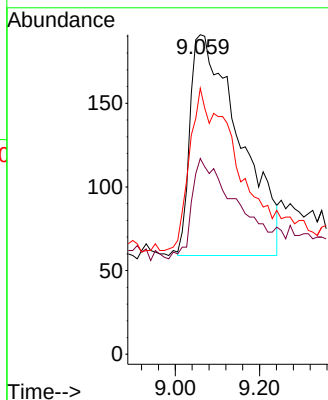
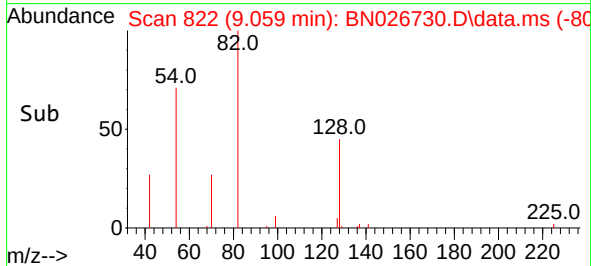
Instrument :
BNA_N
ClientSampleId :
SP-201-20230713



Tgt Ion: 82 Resp: 1079
Ion Ratio Lower Upper
82 100
128 61.3 33.4 50.2
54 83.2 41.7 62.5

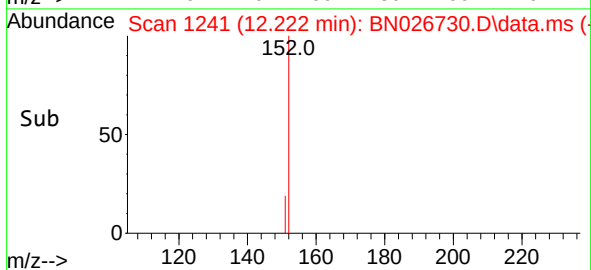
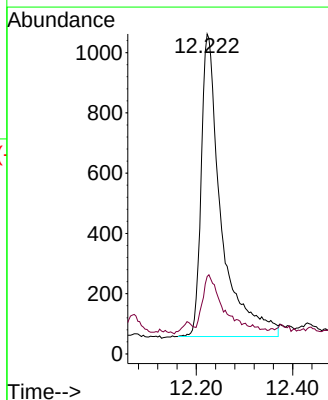
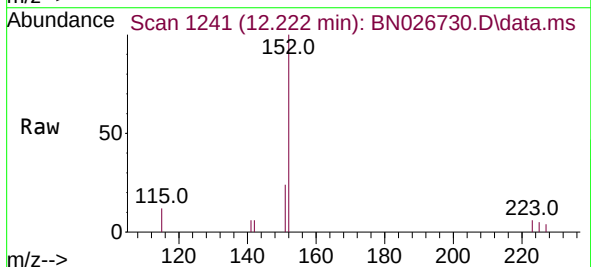
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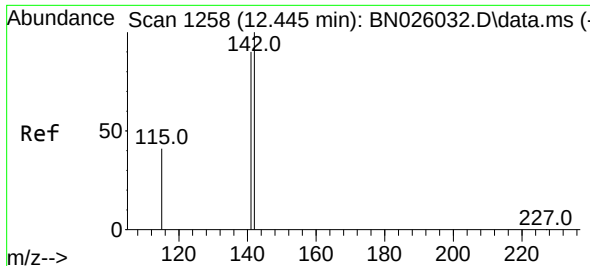
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#11
2-Methylnaphthalene-d10
Concen: 0.371 ng
RT: 12.222 min Scan# 1241
Delta R.T. -0.007 min
Lab File: BN026730.D
Acq: 25 Jul 2023 02:26

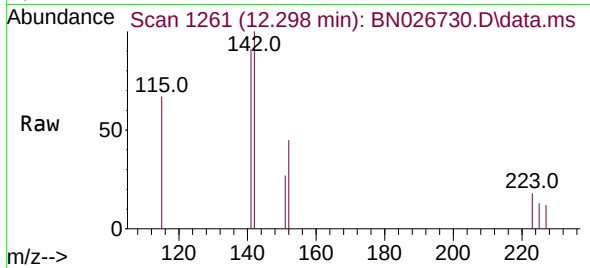
Tgt Ion:152 Resp: 2881
Ion Ratio Lower Upper
152 100
151 17.1 16.2 24.2





#12
2-Methylnaphthalene
Concen: 0.075 ng
RT: 12.298 min Scan# 1158
Delta R.T. -0.004 min
Lab File: BN026730.D
Acq: 25 Jul 2023 02:26

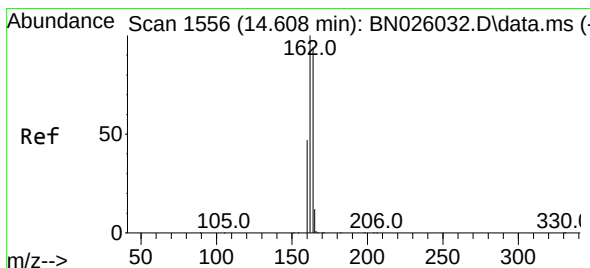
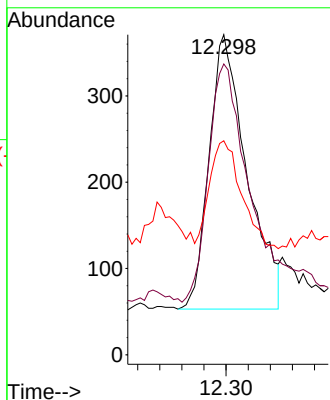
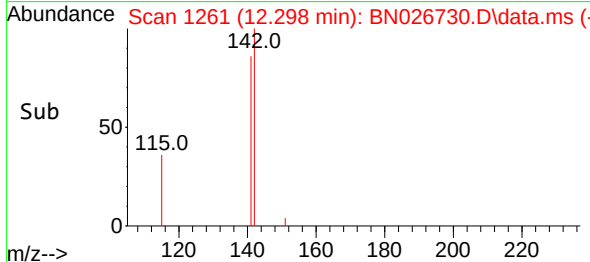
Instrument :
BNA_N
ClientSampleId :
SP-201-20230713



Tgt Ion:142 Resp: 75
Ion Ratio Lower Upper
142 100
141 90.8 71.7 107.5
115 66.8 33.4 50.0

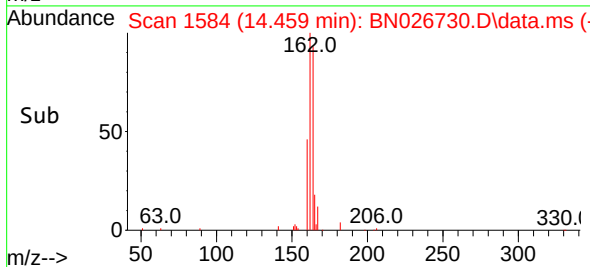
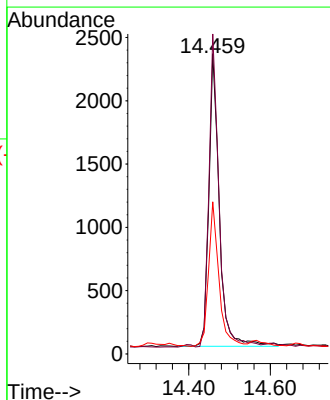
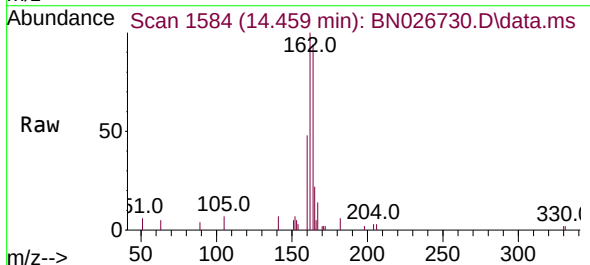
Manual Integrations
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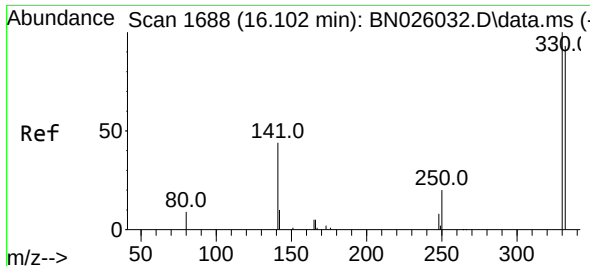
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.459 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN026730.D
Acq: 25 Jul 2023 02:26

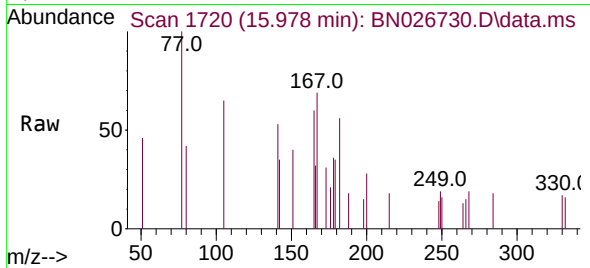
Tgt Ion:164 Resp: 4138
Ion Ratio Lower Upper
164 100
162 106.5 85.3 127.9
160 50.7 40.0 60.0





#14
2,4,6-Tribromophenol
Concen: 0.035 ng
RT: 15.978 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN026730.D
Acq: 25 Jul 2023 02:26

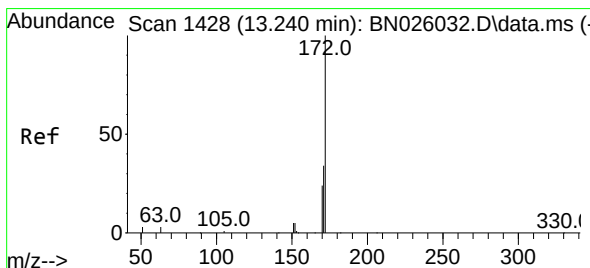
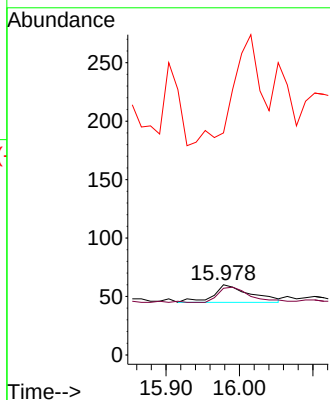
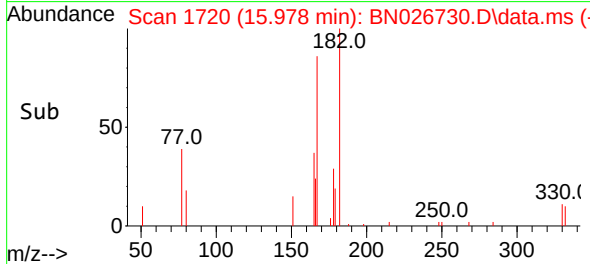
Instrument :
BNA_N
ClientSampleId :
SP-201-20230713



Tgt Ion:330 Resp: 51
Ion Ratio Lower Upper
330 100
332 73.6 76.0 114.0
141 0.0 42.8 64.2

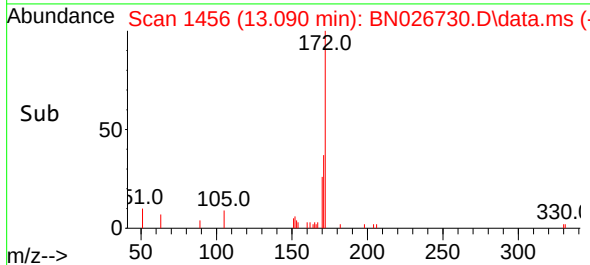
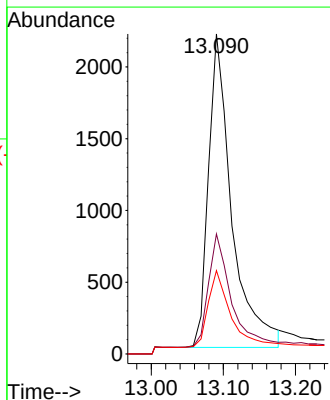
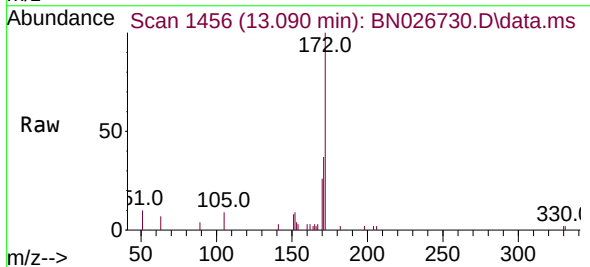
Manual Integrations
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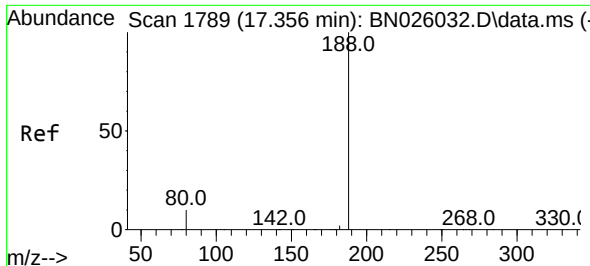
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 13.090 min Scan# 1456
Delta R.T. -0.010 min
Lab File: BN026730.D
Acq: 25 Jul 2023 02:26

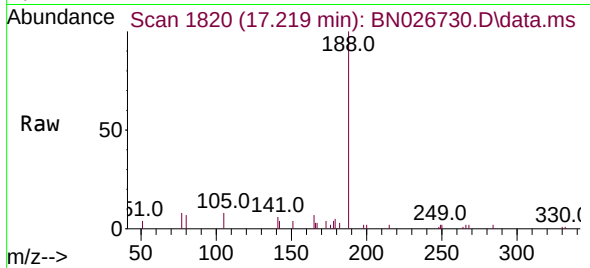
Tgt Ion:172 Resp: 4895
Ion Ratio Lower Upper
172 100
171 37.5 27.8 41.8
170 26.1 19.3 28.9





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.219 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN026730.D
Acq: 25 Jul 2023 02:26

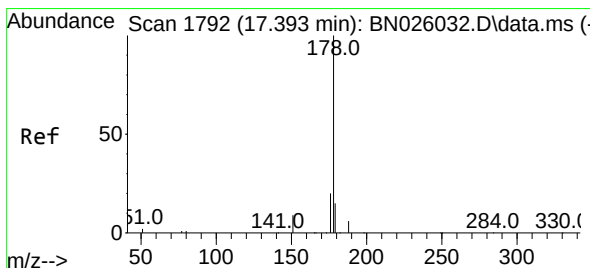
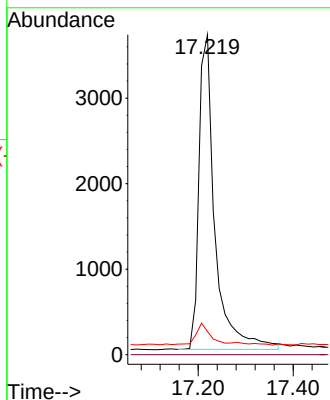
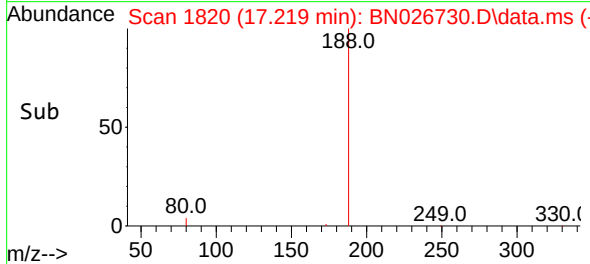
Instrument :
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SP-201-20230713



Tgt Ion:188 Resp: 8594
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.2 8.6 13.0

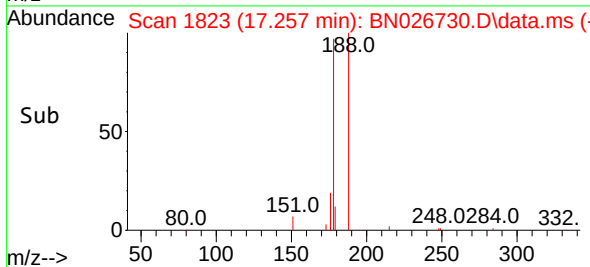
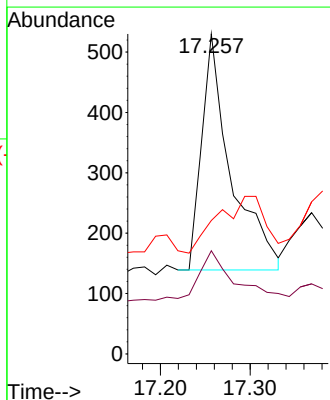
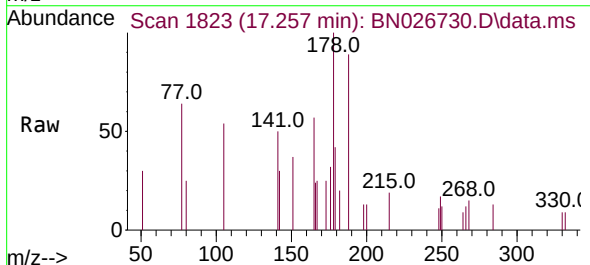
Manual Integrations
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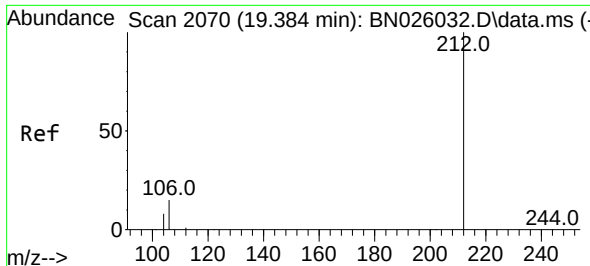
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#25
Phenanthrene
Concen: 0.035 ng
RT: 17.257 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BN026730.D
Acq: 25 Jul 2023 02:26

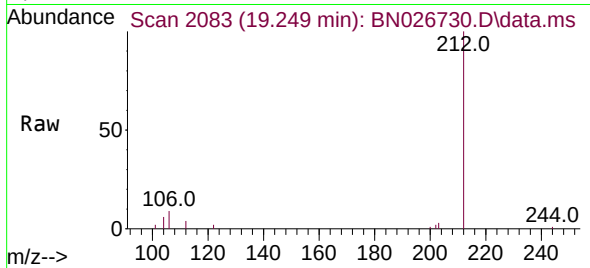
Tgt Ion:178 Resp: 886
Ion Ratio Lower Upper
178 100
176 28.1 15.6 23.4#
179 0.0 12.3 18.5#





#27
Fluoranthene-d10
Concen: 0.431 ng
RT: 19.249 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BN026730.D
Acq: 25 Jul 2023 02:26

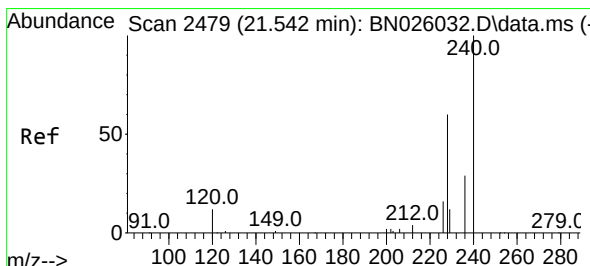
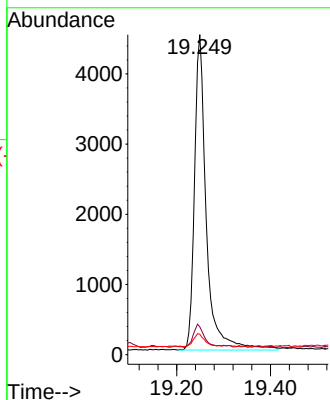
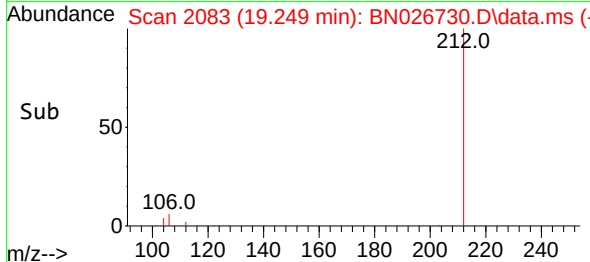
Instrument :
BNA_N
ClientSampleId :
SP-201-20230713



Tgt Ion:212 Resp: 784
Ion Ratio Lower Upper
212 100
106 6.8 11.6 17.4
104 4.1 7.2 10.8

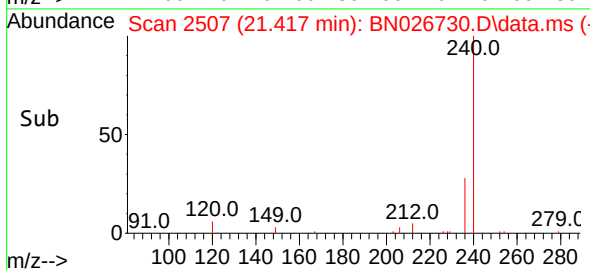
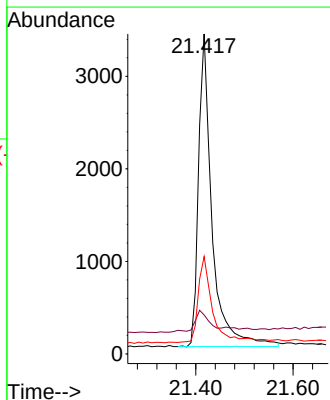
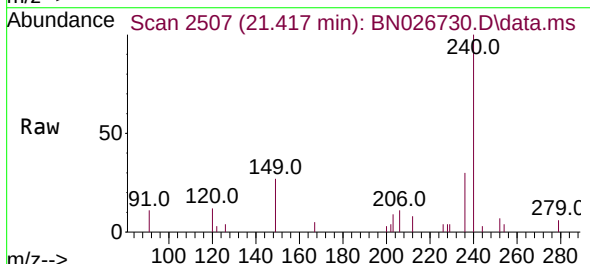
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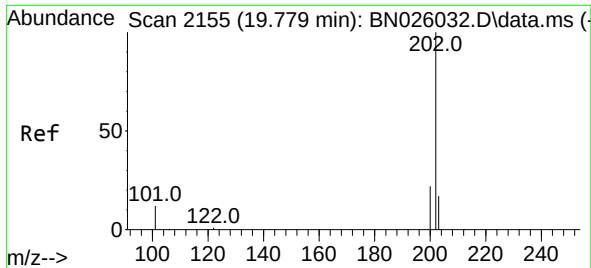
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.417 min Scan# 2507
Delta R.T. 0.009 min
Lab File: BN026730.D
Acq: 25 Jul 2023 02:26

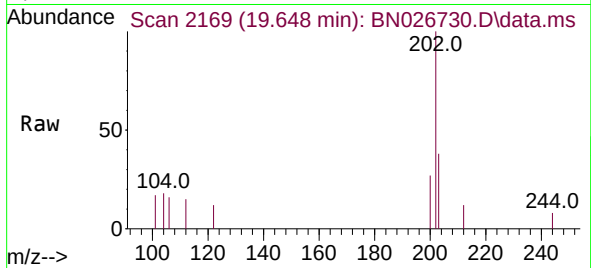
Tgt Ion:240 Resp: 6490
Ion Ratio Lower Upper
240 100
120 12.2 14.6 22.0
236 30.5 24.2 36.2





#30
Pyrene
Concen: 0.033 ng
RT: 19.648 min Scan# 2111
Delta R.T. 0.005 min
Lab File: BN026730.D
Acq: 25 Jul 2023 02:26

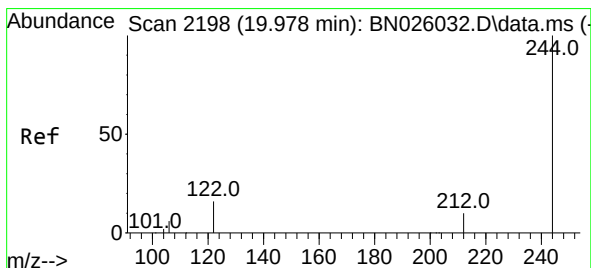
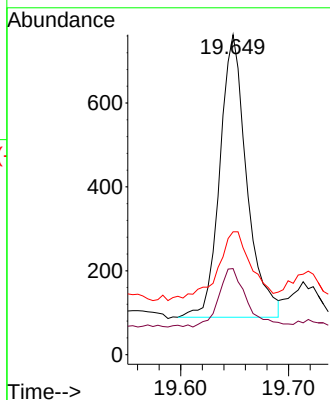
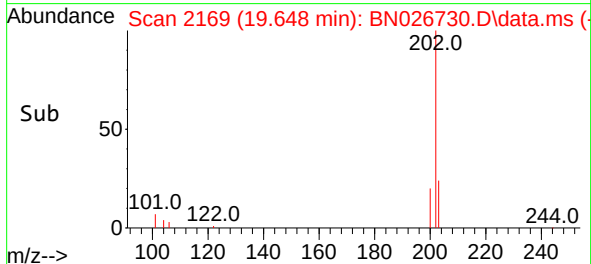
Instrument :
BNA_N
ClientSampleId :
SP-201-20230713



Tgt Ion:202 Resp: 117
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.4
203 27.9 14.2 21.4

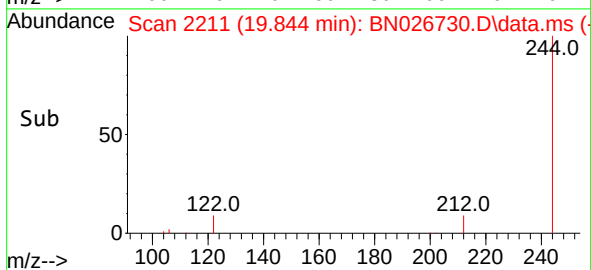
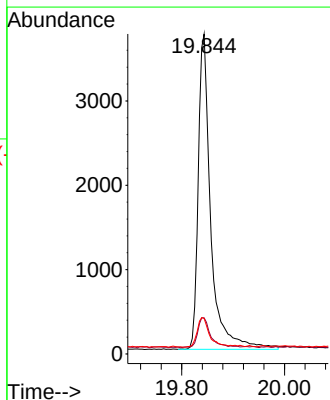
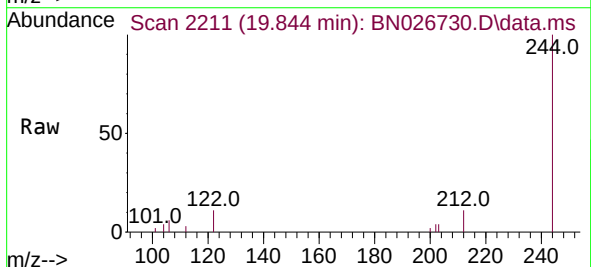
Manual Integrations
APPROVED

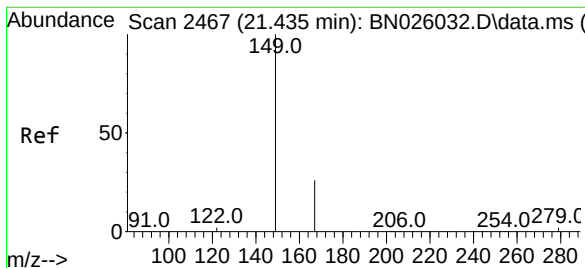
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#31
Terphenyl-d14
Concen: 0.384 ng
RT: 19.844 min Scan# 2211
Delta R.T. -0.004 min
Lab File: BN026730.D
Acq: 25 Jul 2023 02:26

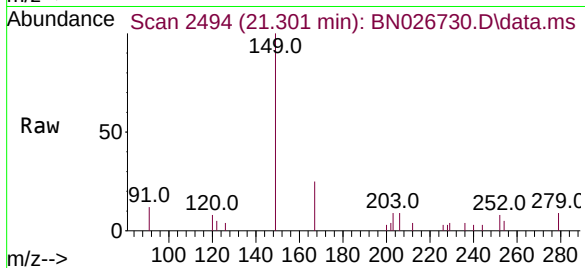
Tgt Ion:244 Resp: 6370
Ion Ratio Lower Upper
244 100
212 11.3 8.7 13.1
122 11.1 13.7 20.5





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.136 ng
RT: 21.301 min Scan# 2467
Delta R.T. 0.000 min
Lab File: BN026730.D
Acq: 25 Jul 2023 02:26

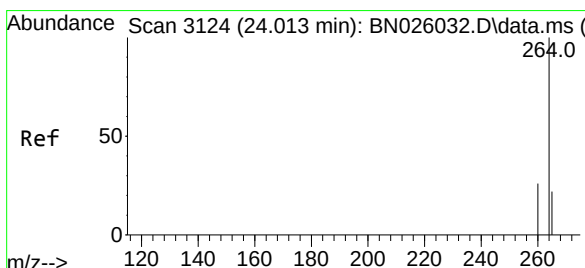
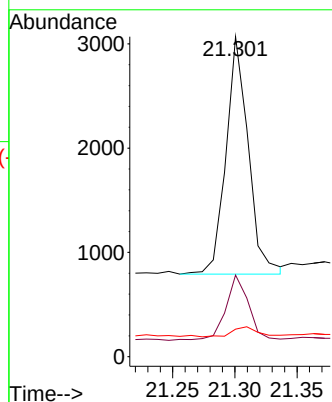
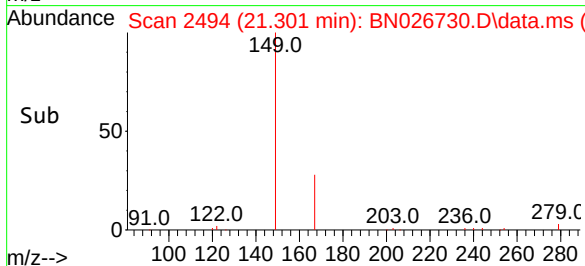
Instrument :
BNA_N
ClientSampleId :
SP-201-20230713



Tgt Ion:149 Resp: 2830
Ion Ratio Lower Upper
149 100
167 28.3 20.2 30.4
279 4.9 2.4 3.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.788 min Scan# 3089
Delta R.T. 0.006 min
Lab File: BN026730.D
Acq: 25 Jul 2023 02:26

Tgt Ion:264 Resp: 7373
Ion Ratio Lower Upper
264 100
260 29.0 21.9 32.9
265 92.6 80.3 120.5

