

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017926.D
 Acq On : 12 Dec 2021 04:41
 Operator : CG/JU
 Sample : M4956-06
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D3-20211204

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/13/2021
 Supervised By : Jagrut Upadhyay 12/13/2021

Quant Time: Dec 13 00:02:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	24220	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	101546	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	57956	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	135696	0.400	ng	#-0.01
29) Chrysene-d12	21.282	240	89447	0.400	ng	#-0.01
35) Perylene-d12	23.586	264	34525	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.327	112	6579	0.132	ng	0.00
5) Phenol-d6	6.894	99	3922	0.079	ng	0.00
8) Nitrobenzene-d5	8.859	82	18778	0.283	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	46927	0.263	ng	0.00
14) 2,4,6-Tribromophenol	15.832	330	13594	0.762	ng	-0.01
15) 2-Fluorobiphenyl	12.964	172	77899	0.382	ng	0.00
27) Fluoranthene-d10	19.124	212	128275	0.292	ng	0.00
31) Terphenyl-d14	19.730	244	143472	0.651	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.289	88	4115m	0.560	ng	
25) Phenanthrene	17.129	178	14680	0.042	ng	# 95
28) Fluoranthene	19.154	202	12170	0.029	ng	# 97
34) Bis(2-ethylhexyl)phtha...	21.208	149	25740	0.268	ng	99

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

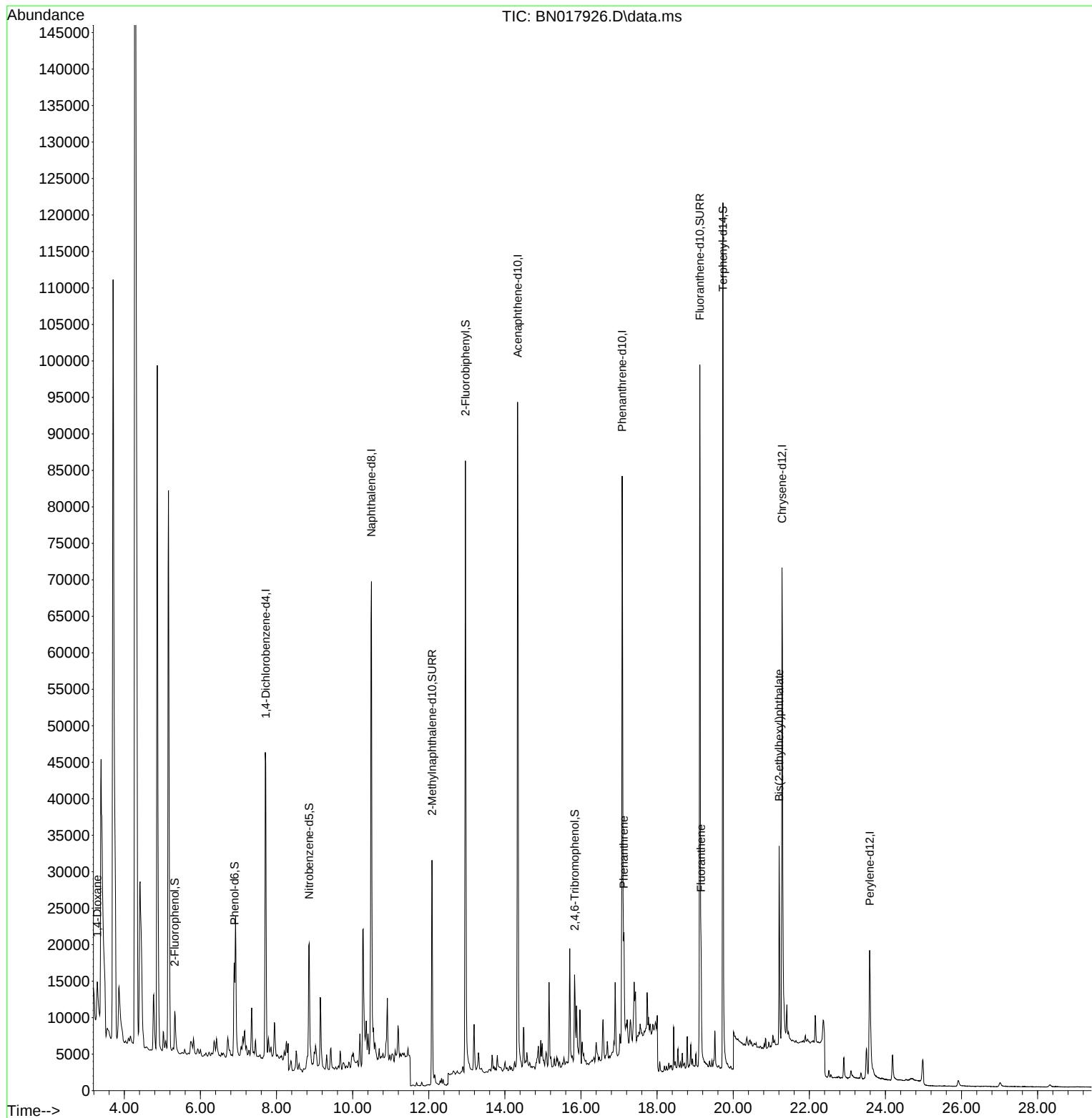
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017926.D
Acq On : 12 Dec 2021 04:41
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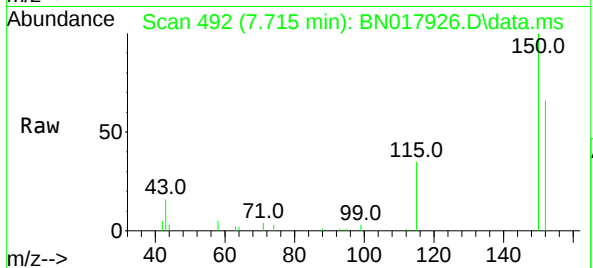
Reviewed By : Christian Giraldo 12/13/2021
Supervised By : Jagrut Upadhyay 12/13/2021





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017926.D
 Acq: 12 Dec 2021 04:41

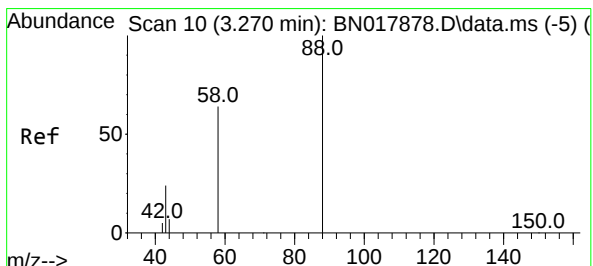
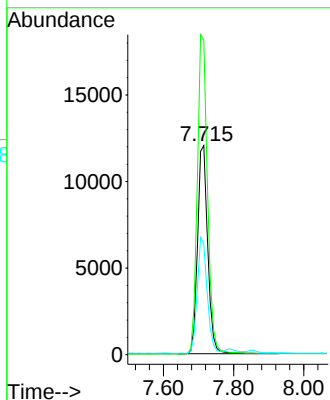
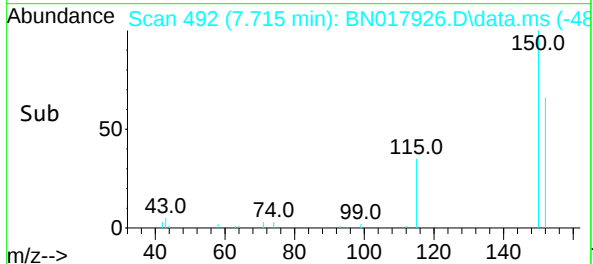
Instrument :
 BNA_N
 ClientSampleId :
 RE123D3-20211204



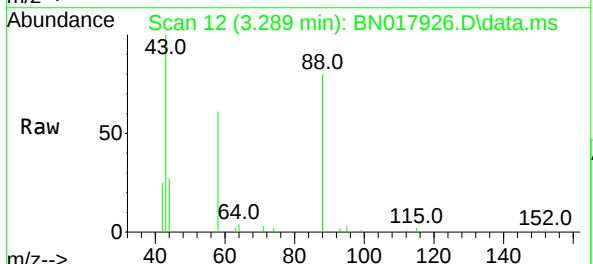
Tgt Ion: 152 Resp: 24220
 Ion Ratio Lower Upper
 152 100
 150 150.4 121.9 182.9
 115 53.0 44.1 66.1

Manual Integrations
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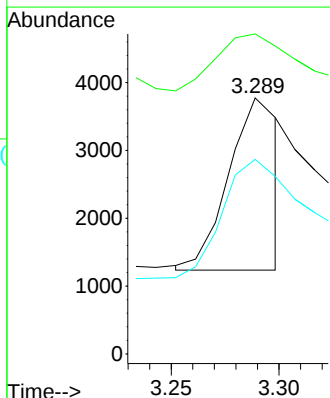
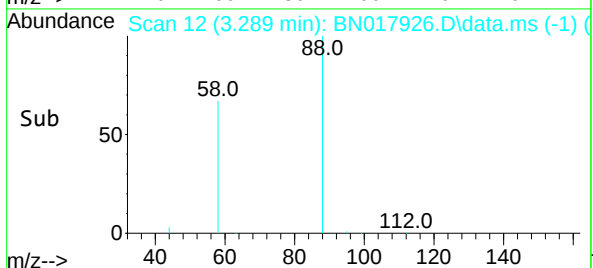
Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021

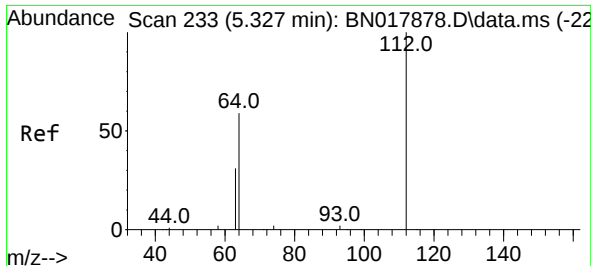


#2
 1,4-Dioxane
 Concen: 0.560 ng m
 RT: 3.289 min Scan# 12
 Delta R.T. 0.019 min
 Lab File: BN017926.D
 Acq: 12 Dec 2021 04:41



Tgt Ion: 88 Resp: 4115
 Ion Ratio Lower Upper
 88 100
 43 39.5 28.0 42.0
 58 76.3 65.4 98.0





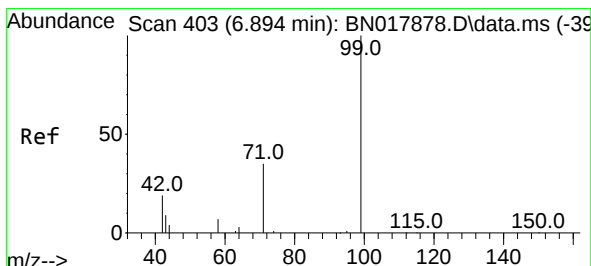
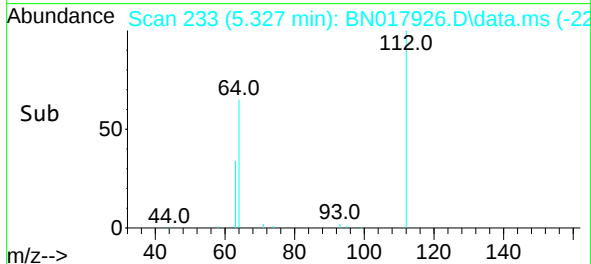
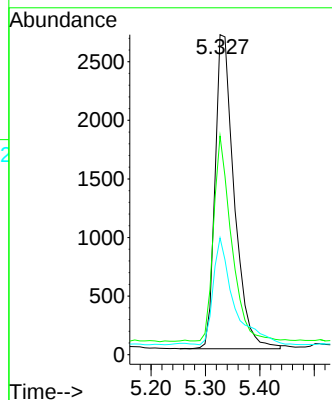
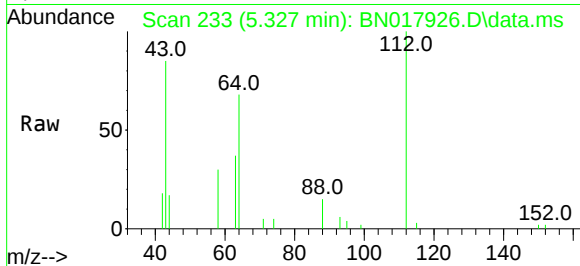
#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.327 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41

Instrument :
BNA_N
ClientSampleId :
RE123D3-20211204

Tgt Ion:112 Resp: 6579
Ion Ratio Lower Upper
112 100
64 60.9 49.0 73.4
63 35.5 26.2 39.2

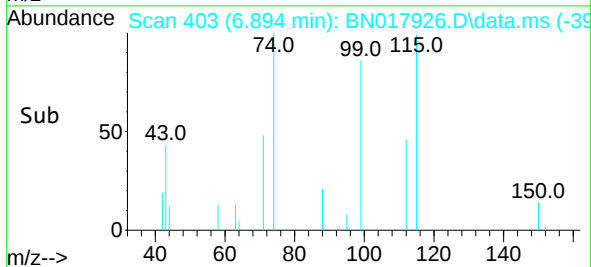
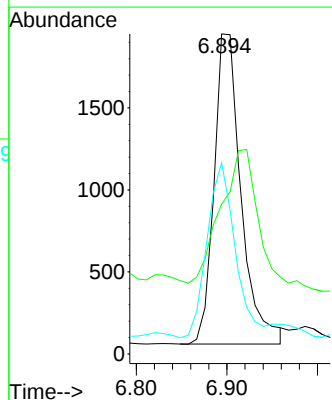
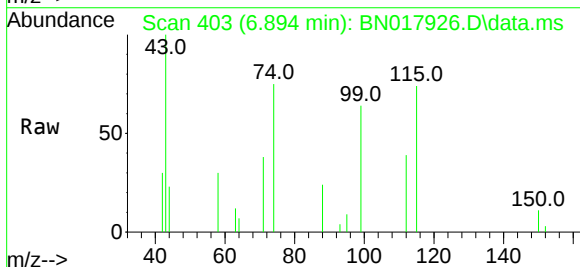
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#5
Phenol-d6
Concen: 0.079 ng
RT: 6.894 min Scan# 403
Delta R.T. 0.000 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41

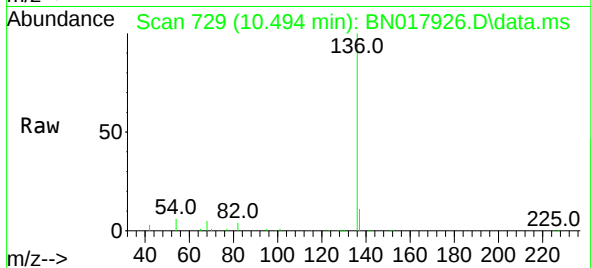
Tgt Ion: 99 Resp: 3922
Ion Ratio Lower Upper
99 100
42 0.0 17.0 25.4#
71 61.0 28.0 42.0#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41

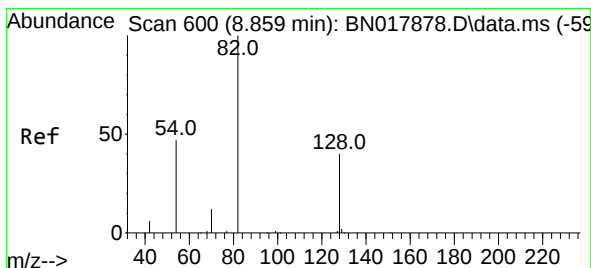
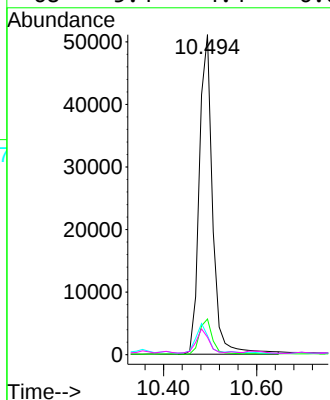
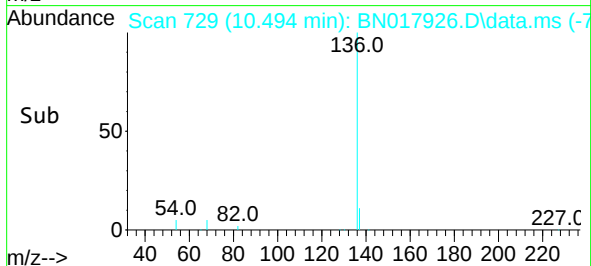
Instrument :
BNA_N
ClientSampleId :
RE123D3-20211204



Tgt Ion:136 Resp: 101540
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.0 5.1 7.7
68 5.4 4.4 6.6

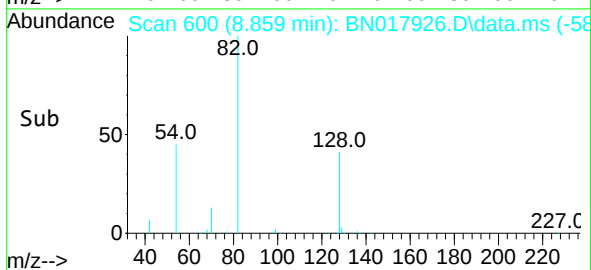
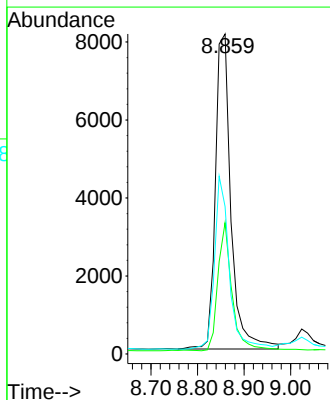
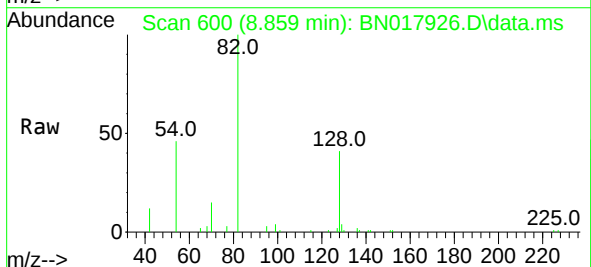
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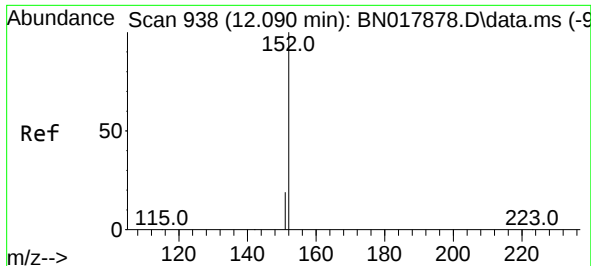
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#8
Nitrobenzene-d5
Concen: 0.283 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41

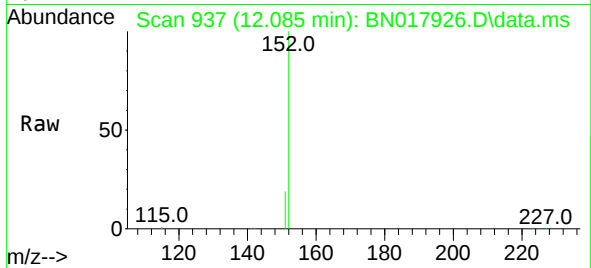
Tgt Ion: 82 Resp: 18778
Ion Ratio Lower Upper
82 100
128 41.0 32.2 48.4
54 46.0 37.6 56.4





#11
2-Methylnaphthalene-d10
Concen: 0.263 ng
RT: 12.085 min Scan# 911
Delta R.T. -0.004 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41

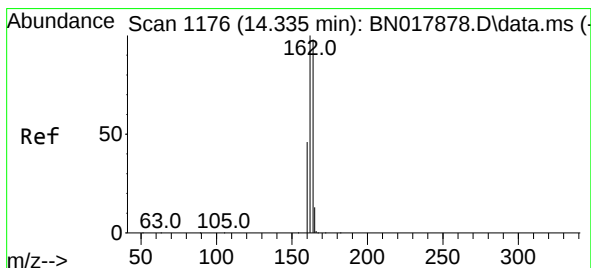
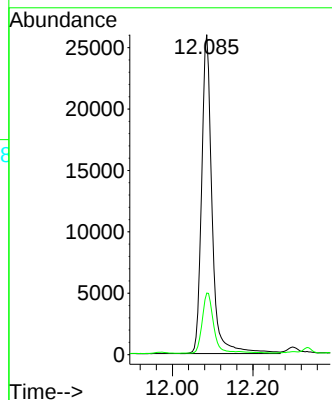
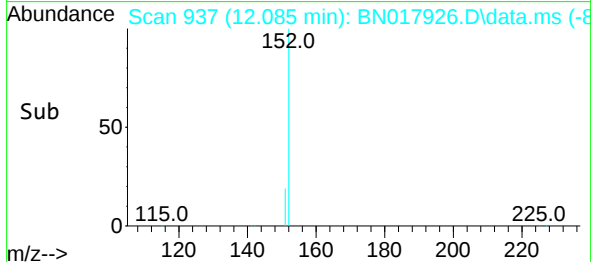
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ClientSampleId :
RE123D3-20211204



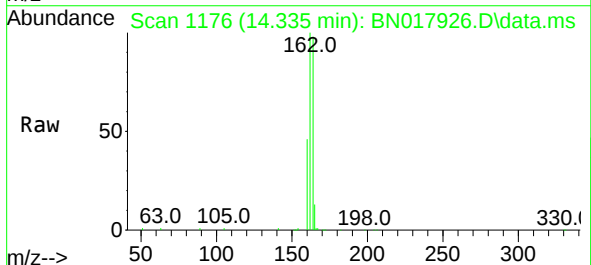
Tgt Ion:152 Resp: 4692
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6

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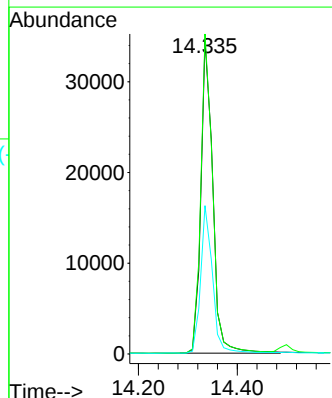
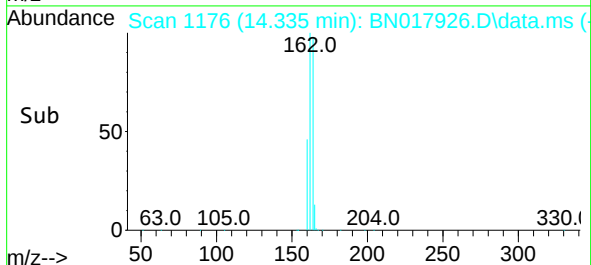
Reviewed By :Christian Giraldo 12/13/2021
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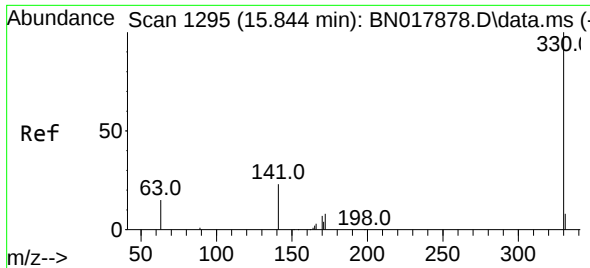


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41



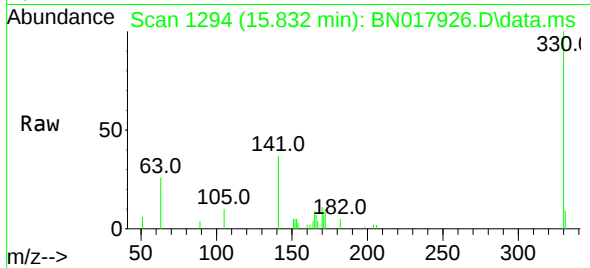
Tgt Ion:164 Resp: 57956
Ion Ratio Lower Upper
164 100
162 102.0 82.1 123.1
160 47.3 38.2 57.2





#14
2,4,6-Tribromophenol
Concen: 0.762 ng
RT: 15.832 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41

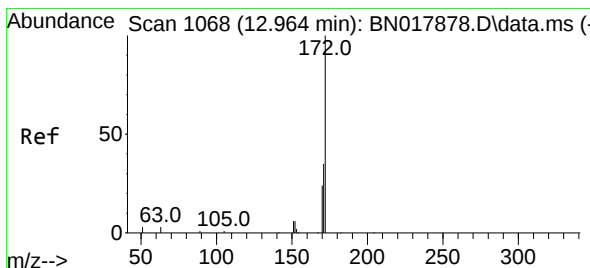
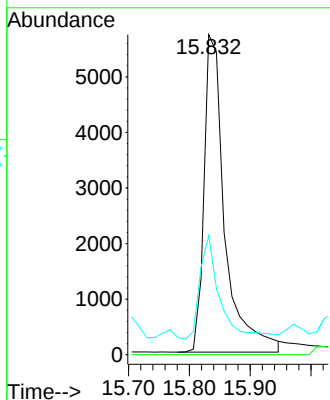
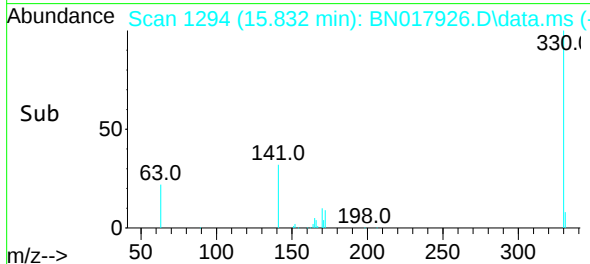
Instrument :
BNA_N
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RE123D3-20211204



Tgt Ion:330 Resp: 13594
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.5 19.7 29.5

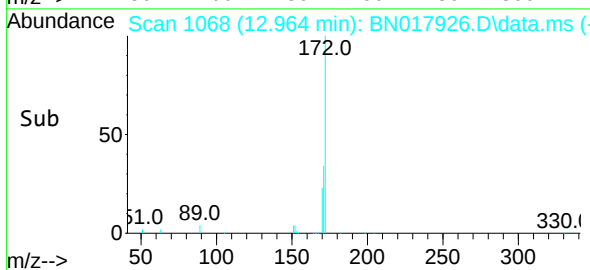
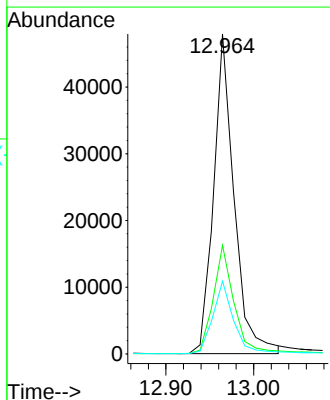
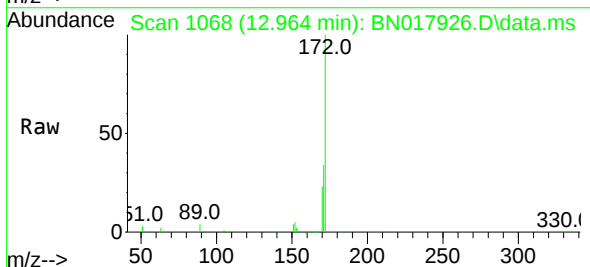
Manual Integrations
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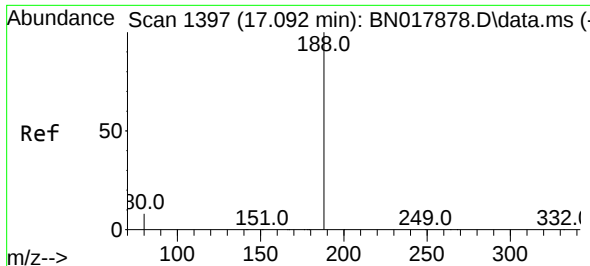
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 12.964 min Scan# 1068
Delta R.T. 0.000 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41

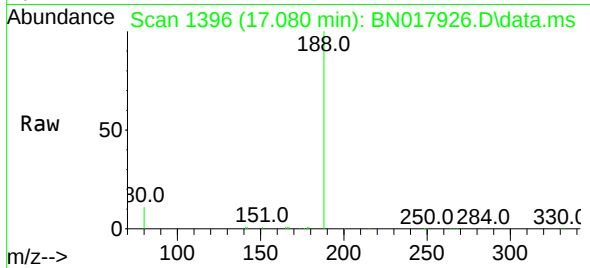
Tgt Ion:172 Resp: 77899
Ion Ratio Lower Upper
172 100
171 33.9 28.3 42.5
170 22.8 19.1 28.7





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.080 min Scan# 1396
Delta R.T. -0.012 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41

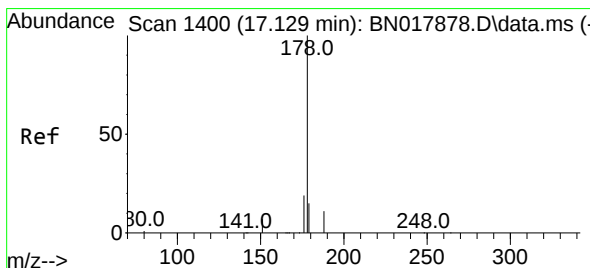
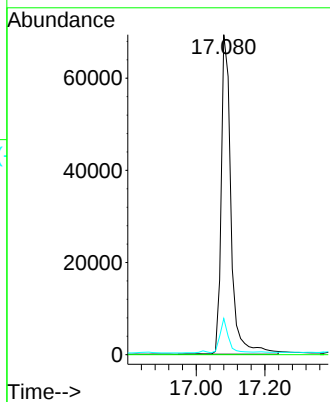
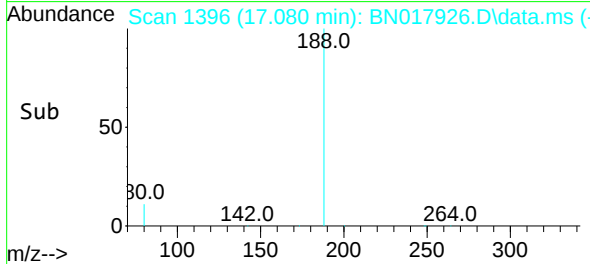
Instrument :
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RE123D3-20211204



Tgt Ion:188 Resp: 135690
Ion Ratio Lower Upper
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94 0.0 0.0 0.0
80 11.3 6.2 9.2

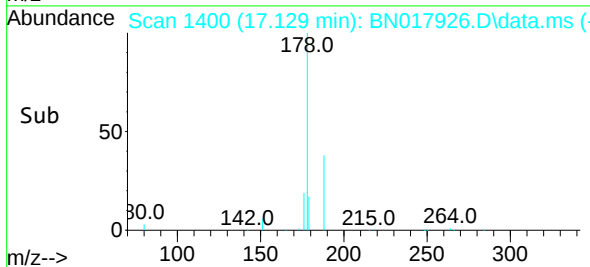
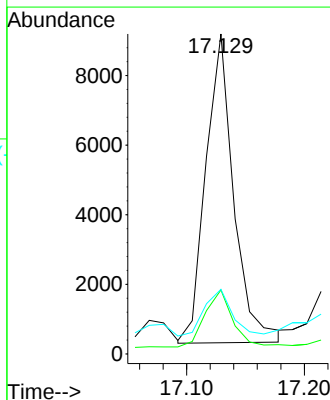
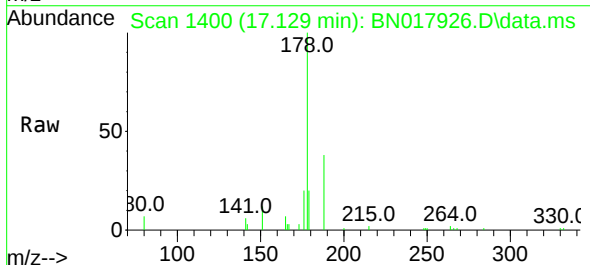
Manual Integrations
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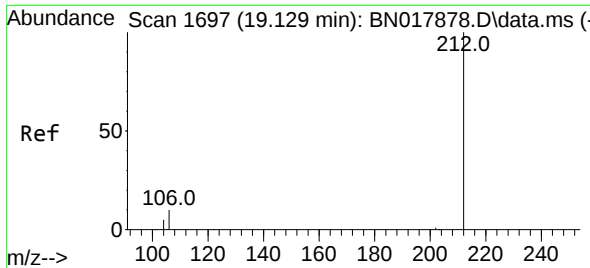
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#25
Phenanthrene
Concen: 0.042 ng
RT: 17.129 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41

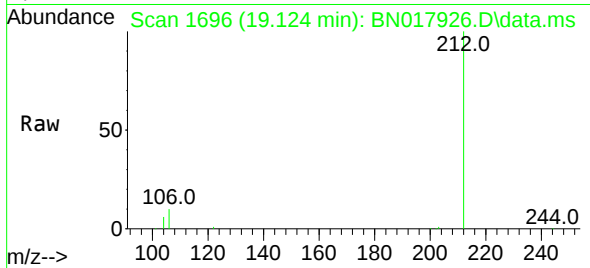
Tgt Ion:178 Resp: 14680
Ion Ratio Lower Upper
178 100
176 22.9 15.0 22.6#
179 15.7 12.4 18.6





#27
Fluoranthene-d10
Concen: 0.292 ng
RT: 19.124 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41

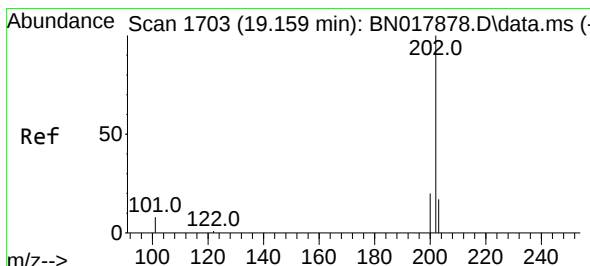
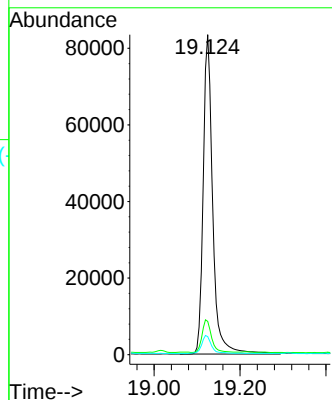
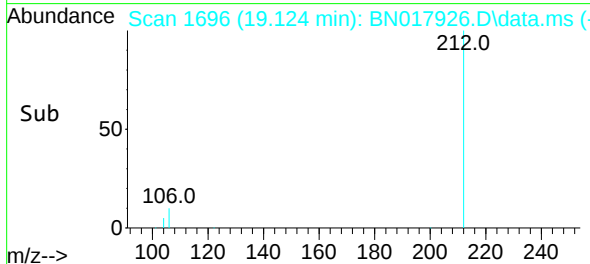
Instrument :
BNA_N
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RE123D3-20211204



Tgt Ion:212 Resp: 128275
Ion Ratio Lower Upper
212 100
106 10.1 8.3 12.5
104 5.8 4.6 6.8

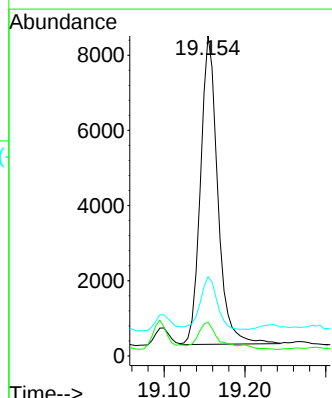
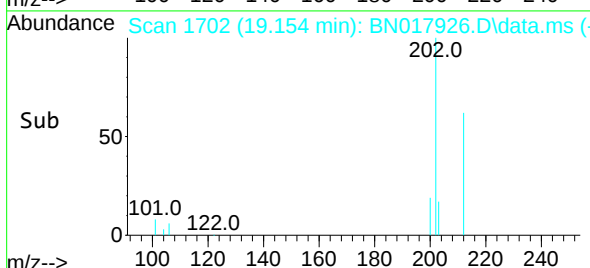
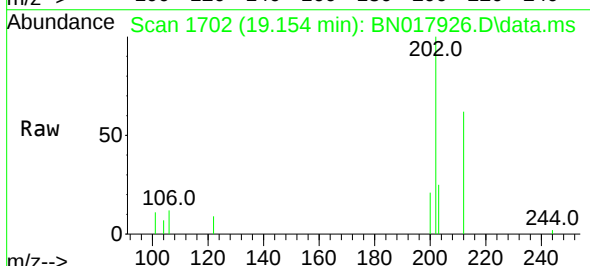
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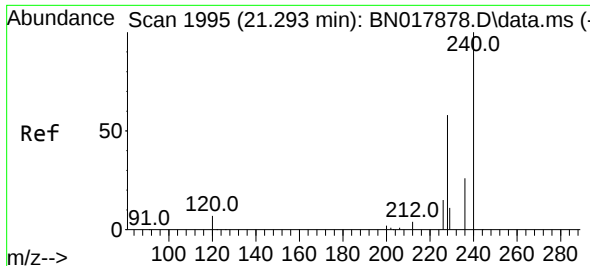
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#28
Fluoranthene
Concen: 0.029 ng
RT: 19.154 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41

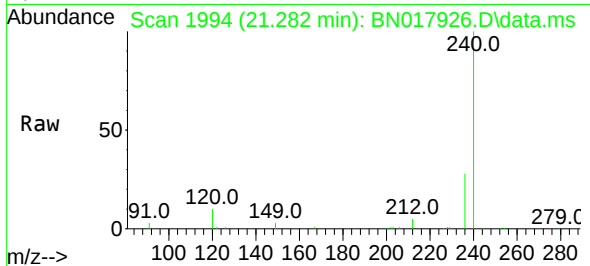
Tgt Ion:202 Resp: 12170
Ion Ratio Lower Upper
202 100
101 11.1 7.3 10.9#
203 16.7 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.282 min Scan# 1994
Delta R.T. -0.011 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41

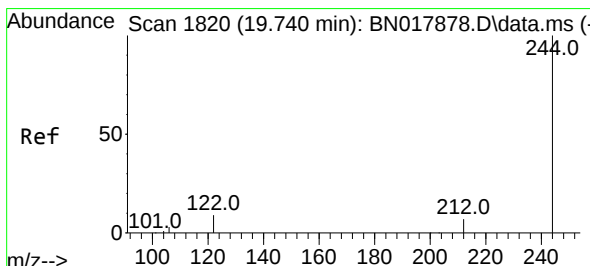
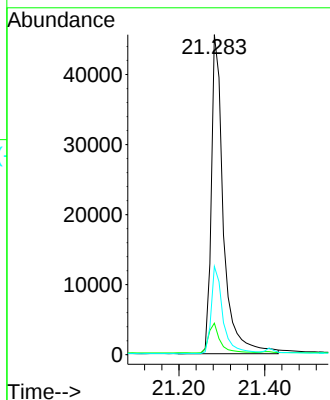
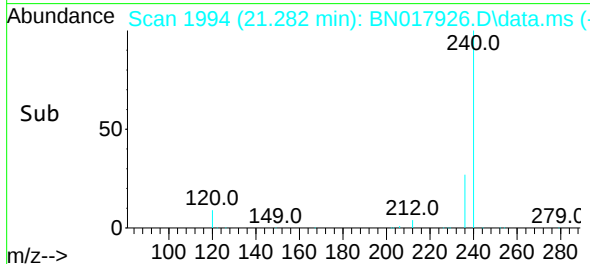
Instrument :
BNA_N
ClientSampleId :
RE123D3-20211204



Tgt Ion:240 Resp: 8944
Ion Ratio Lower Upper
240 100
120 9.8 5.8 8.8
236 27.6 21.0 31.6

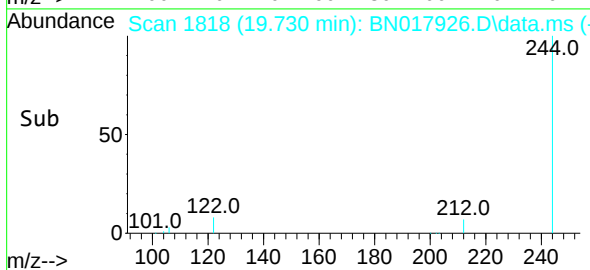
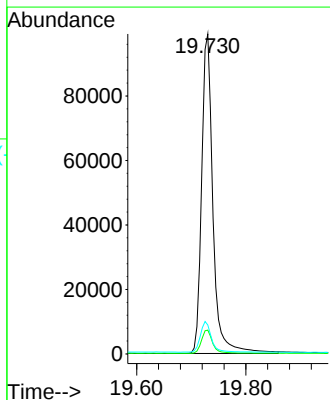
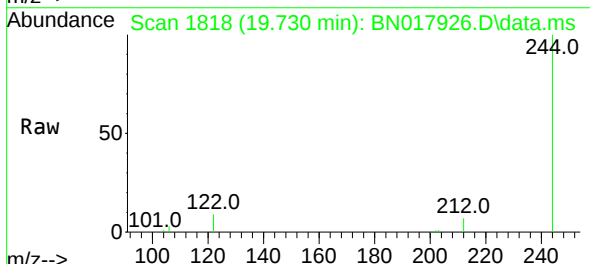
Manual Integrations
APPROVED

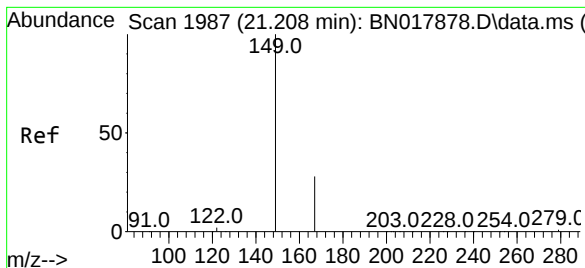
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#31
Terphenyl-d14
Concen: 0.651 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41

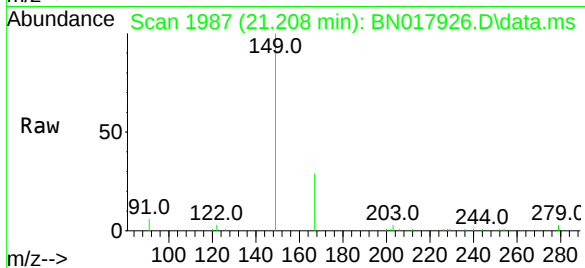
Tgt Ion:244 Resp: 143472
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 9.1 7.5 11.3





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.268 ng
RT: 21.208 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41

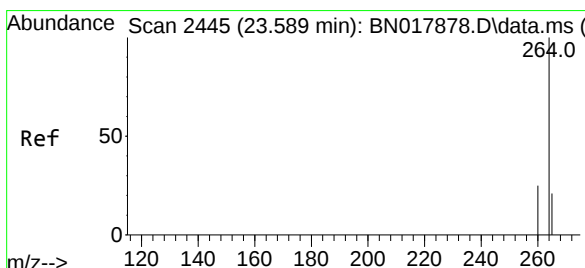
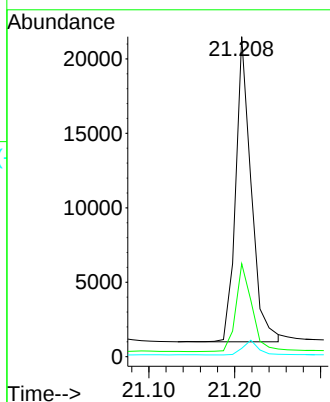
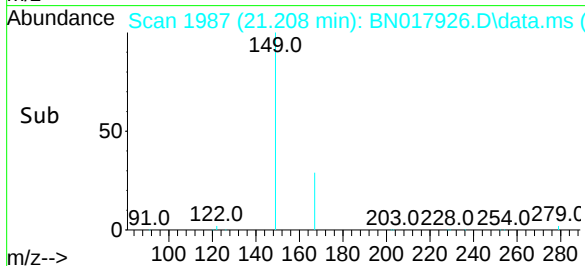
Instrument :
BNA_N
ClientSampleId :
RE123D3-20211204



Tgt Ion:149 Resp: 25740
Ion Ratio Lower Upper
149 100
167 29.6 23.4 35.0
279 4.7 3.6 5.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.586 min Scan# 2444
Delta R.T. -0.003 min
Lab File: BN017926.D
Acq: 12 Dec 2021 04:41

Tgt Ion:264 Resp: 34525
Ion Ratio Lower Upper
264 100
260 26.9 20.2 30.4
265 24.1 18.2 27.4

