

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
 Data File : BN016785.D
 Acq On : 06 Oct 2021 18:40
 Operator : CG/JU
 Sample : M4063-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-03-(SA)

Manual Integrations
 APPROVED

mohammad
 10/7/2021 8:51:27 AM

Quant Time: Oct 07 00:58:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 14:22:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	20003	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	93952	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	54838	0.400	ng	0.00
19) Phenanthrene-d10	17.017	188	108778	0.400	ng	# 0.00
29) Chrysene-d12	21.227	240	111802	0.400	ng	# 0.00
35) Perylene-d12	23.478	264	118994	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	6655	0.130	ng	0.02
5) Phenol-d6	6.822	99	4327	0.076	ng	0.00
8) Nitrobenzene-d5	8.772	82	17733	0.269	ng	0.00
11) 2-Methylnaphthalene-d10	11.998	152	43134	0.308	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	10264	0.442	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	55810	0.254	ng	0.00
27) Fluoranthene-d10	19.058	212	119347	0.401	ng	0.00
31) Terphenyl-d14	19.673	244	97266	0.389	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	300	0.032	ng	# 68
9) Naphthalene	10.445	128	90244	0.351	ng	99
24) Pentachlorophenol	16.677	266	289	0.346	ng	91
25) Phenanthrene	17.054	178	14687m	0.046	ng	
34) Bis(2-ethylhexyl)phtha...	21.164	149	27214	0.129	ng	98

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

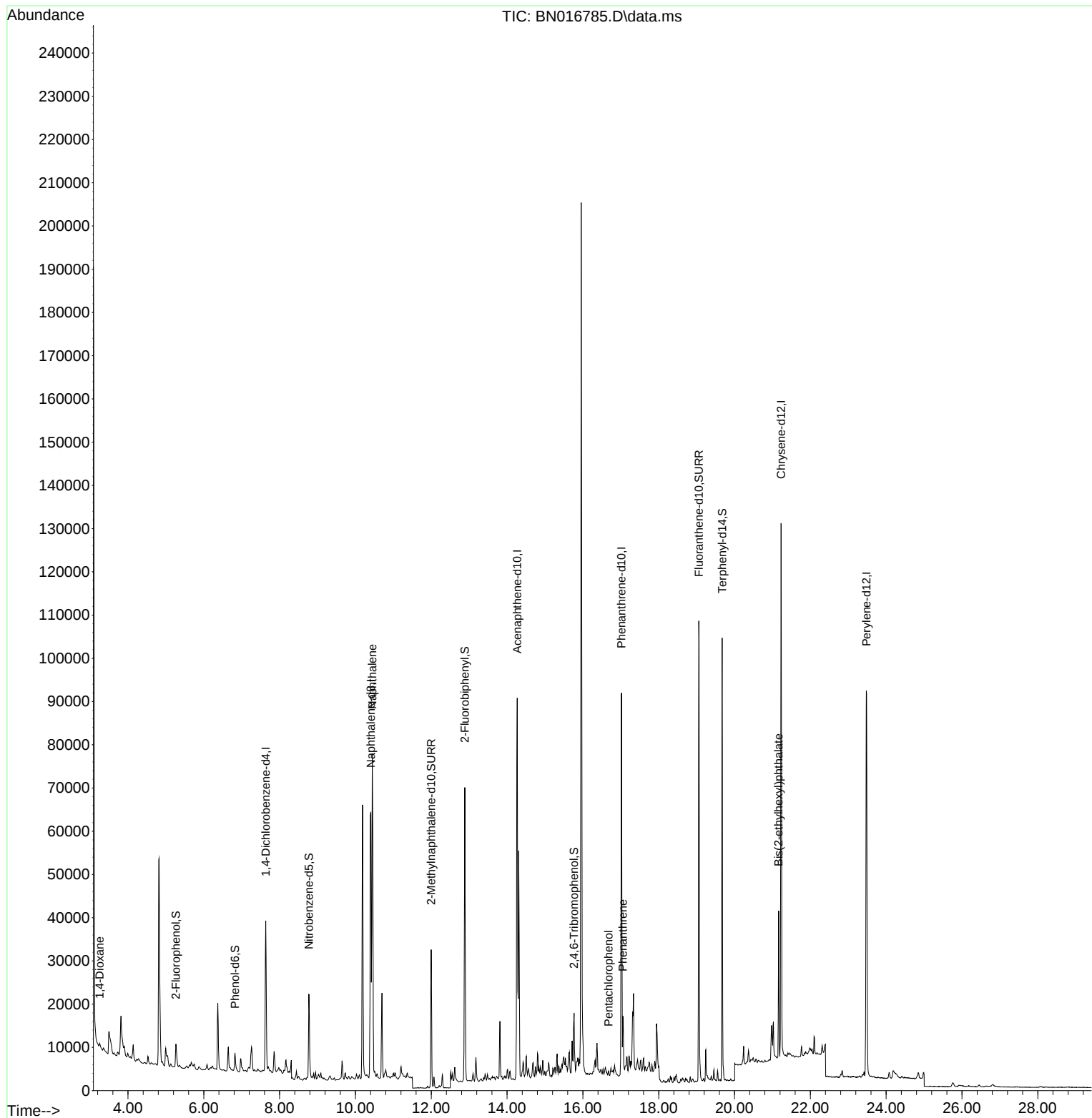
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
Data File : BN016785.D
Acq On : 06 Oct 2021 18:40
Operator : CG/JU
Sample : M4063-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

Manual Integrations
APPROVED

mohammad
10/7/2021 8:51:27 AM

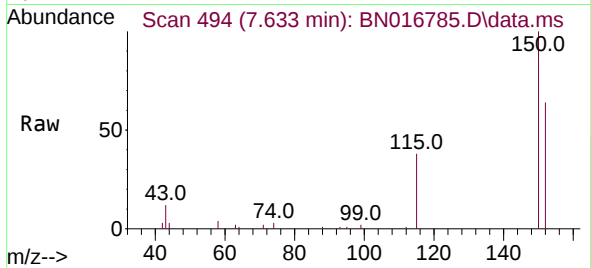
Quant Time: Oct 07 00:58:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 14:22:07 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 494
Delta R.T. 0.000 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40

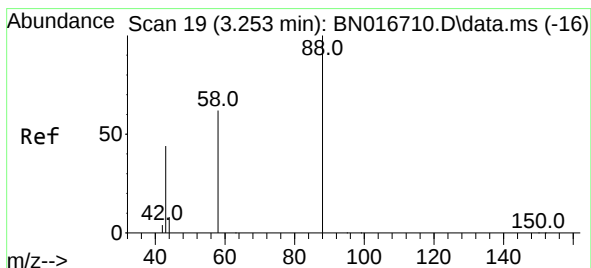
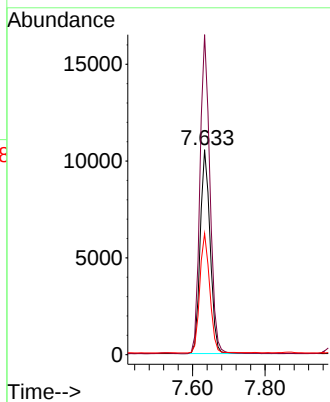
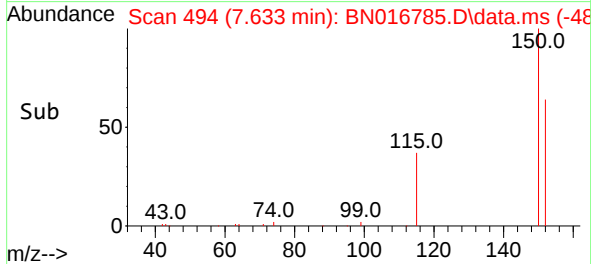
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)



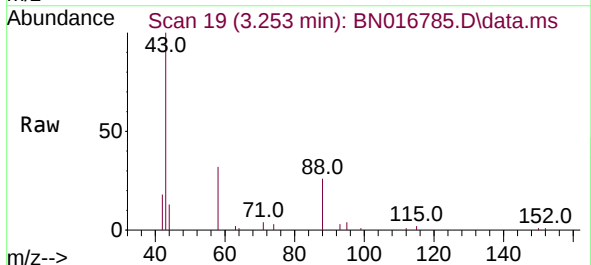
Tgt Ion:152 Resp: 20003
Ion Ratio Lower Upper
152 100
150 156.2 123.3 184.9
115 59.1 47.0 70.6

Manual Integrations
APPROVED

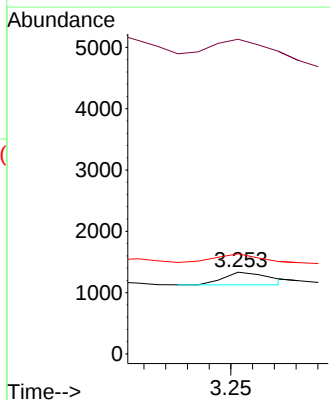
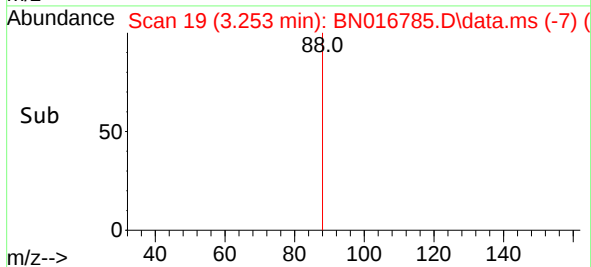
mohammad
10/7/2021 8:51:27 AM



#2
1,4-Dioxane
Concen: 0.032 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.009 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40



Tgt Ion: 88 Resp: 300
Ion Ratio Lower Upper
88 100
43 116.0 61.7 92.5#
58 61.3 62.2 93.2#





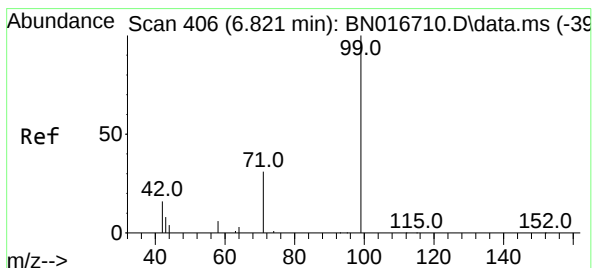
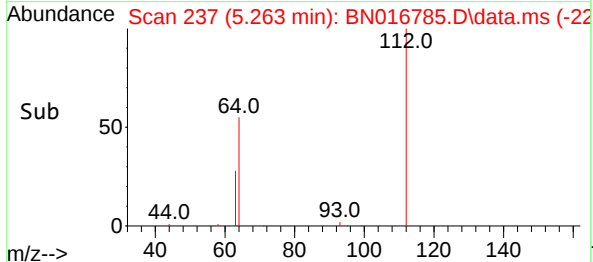
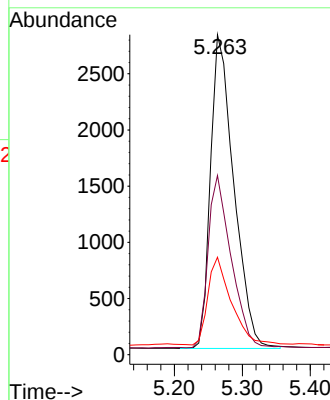
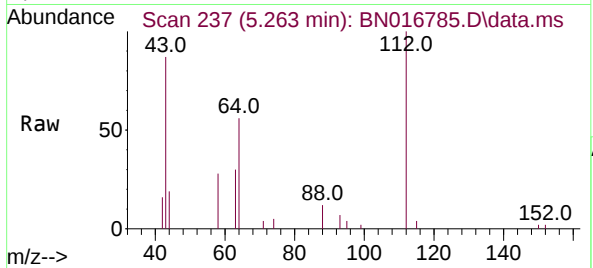
#4
2-Fluorophenol
Concen: 0.130 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.018 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40

Tgt Ion: 112 Resp: 6655
Ion Ratio Lower Upper
112 100
64 54.2 42.9 64.3
63 27.8 21.5 32.3

Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

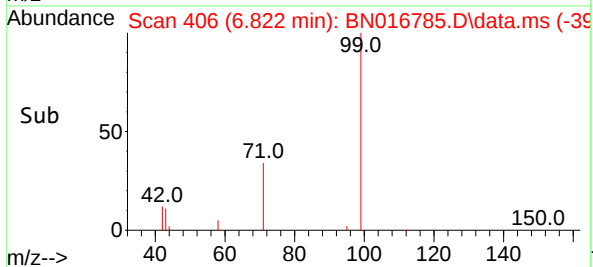
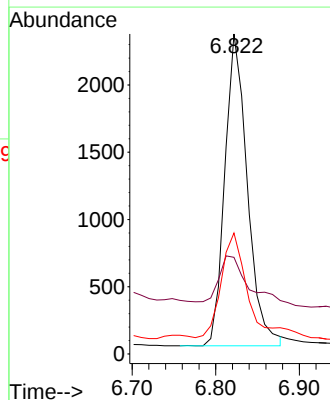
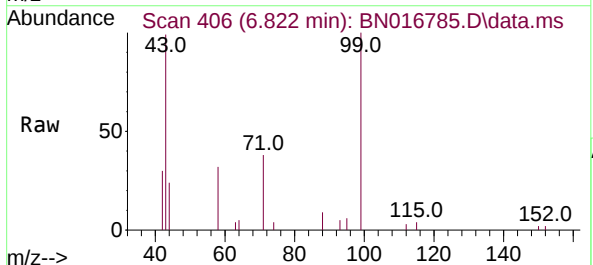
Manual Integrations
APPROVED

mohammad
10/7/2021 8:51:27 AM



#5
Phenol-d6
Concen: 0.076 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.009 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40

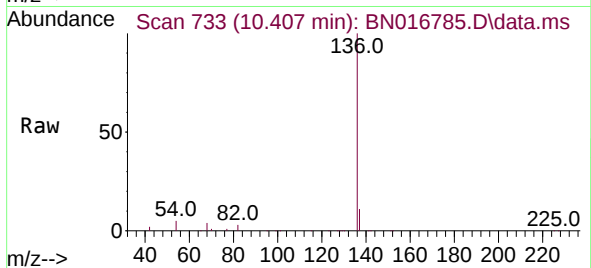
Tgt Ion: 99 Resp: 4327
Ion Ratio Lower Upper
99 100
42 17.3 13.4 20.2
71 37.0 24.0 36.0#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40

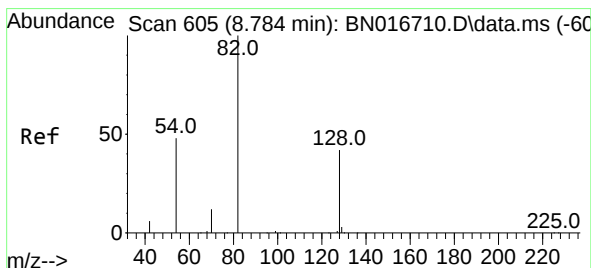
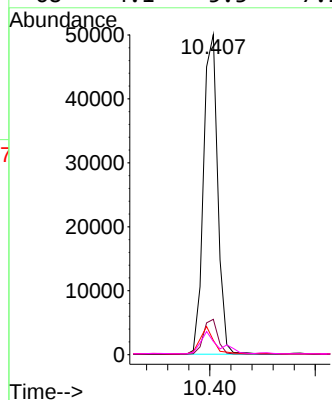
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)



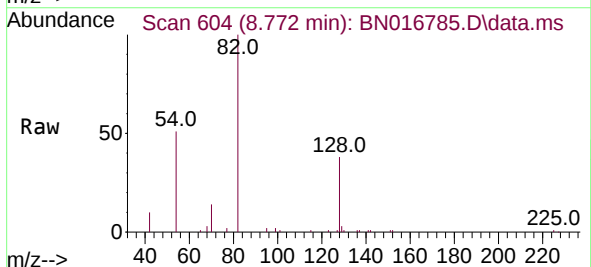
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	4.5	6.5	9.7#
68	4.1	5.3	7.9#

Manual Integrations
APPROVED

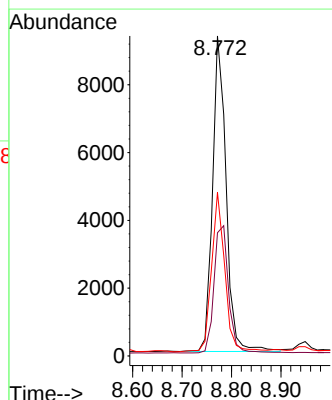
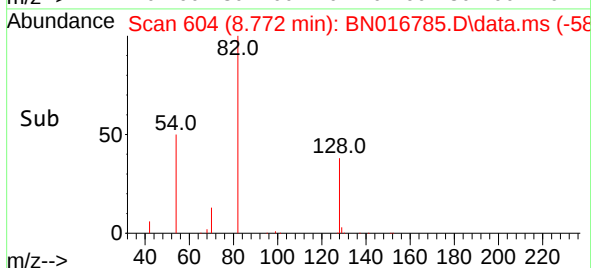
mohammad
10/7/2021 8:51:27 AM

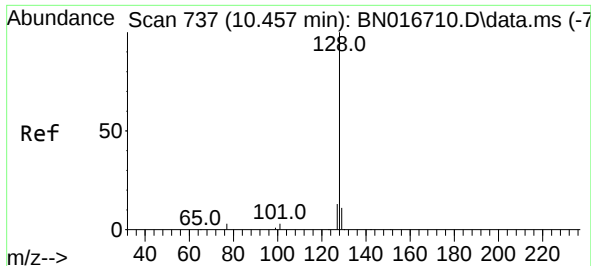


#8
Nitrobenzene-d5
Concen: 0.269 ng
RT: 8.772 min Scan# 604
Delta R.T. 0.000 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40



Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.5	33.8	50.6
54	51.1	38.5	57.7





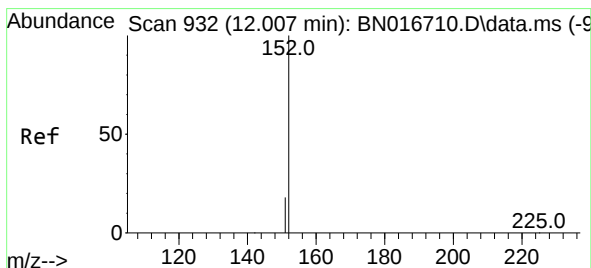
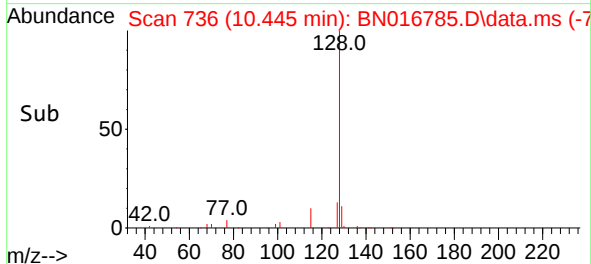
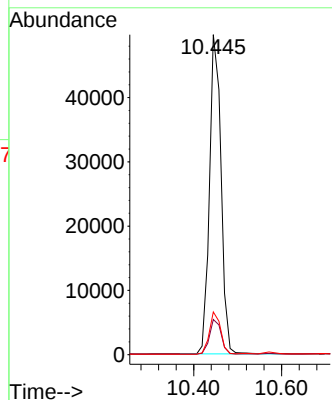
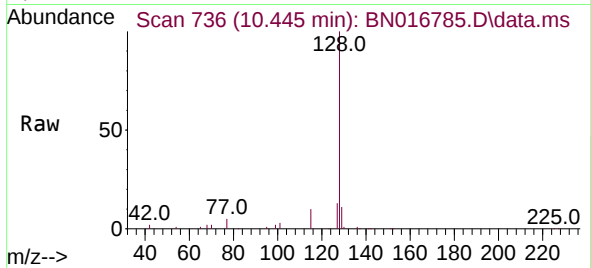
#9
Naphthalene
Concen: 0.351 ng
RT: 10.445 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40

Tgt Ion:	128	Resp:	90244
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.7	13.1
127	13.3	10.3	15.5

Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

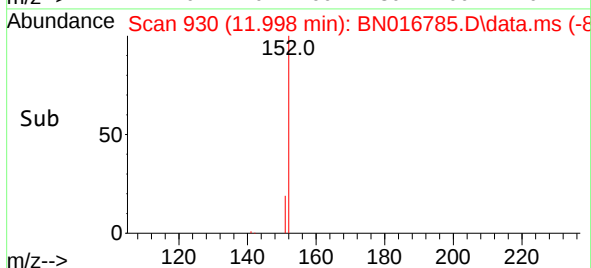
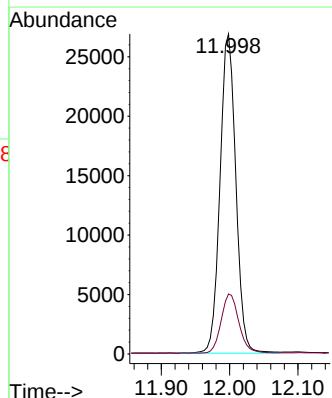
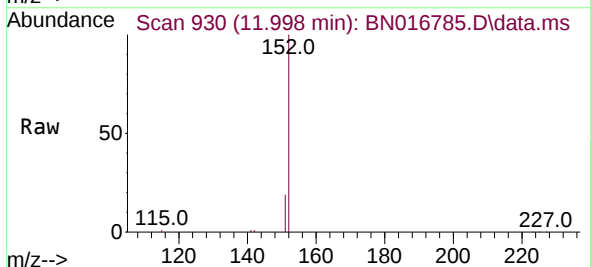
Manual Integrations
APPROVED

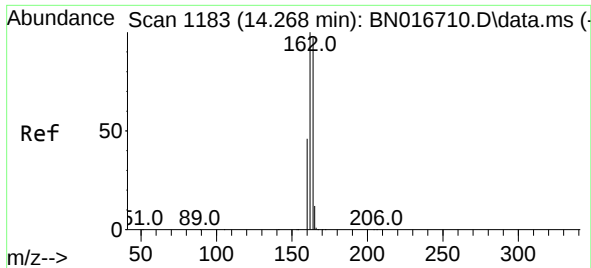
mohammad
10/7/2021 8:51:27 AM



#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 11.998 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40

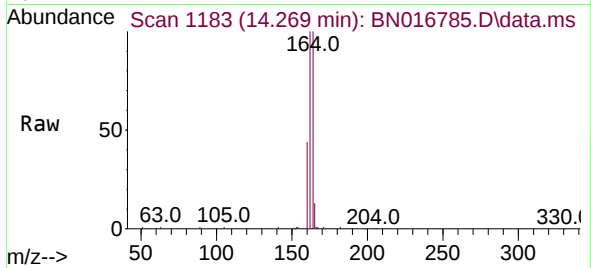
Tgt Ion:	152	Resp:	43134
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.2	24.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40

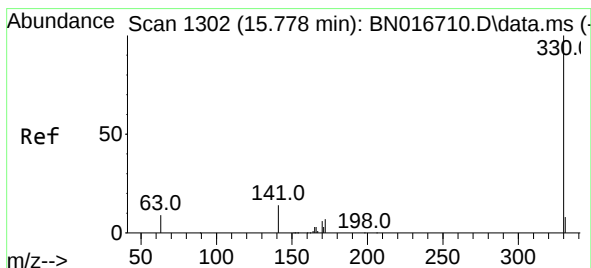
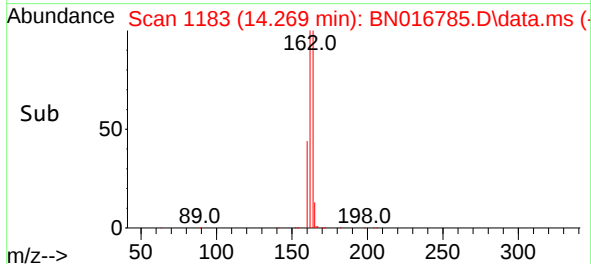
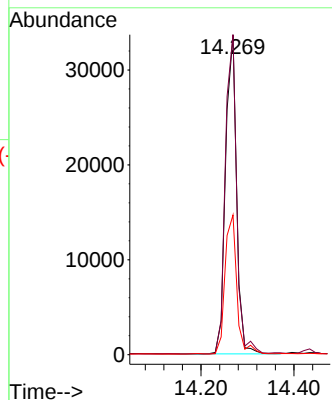
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)



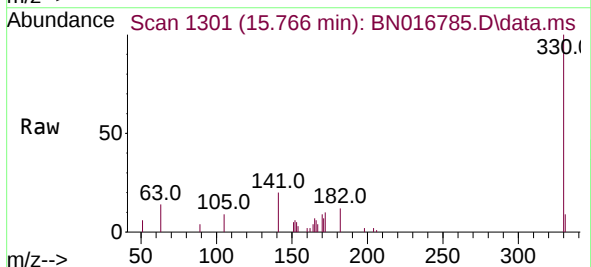
Tgt Ion:164 Resp: 54838
Ion Ratio Lower Upper
164 100
162 100.0 82.6 124.0
160 43.7 38.2 57.2

Manual Integrations
APPROVED

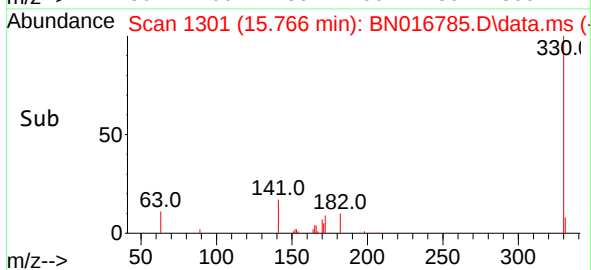
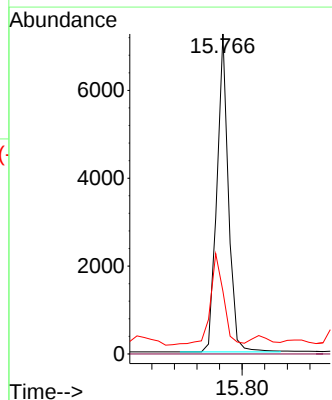
mohammad
10/7/2021 8:51:27 AM

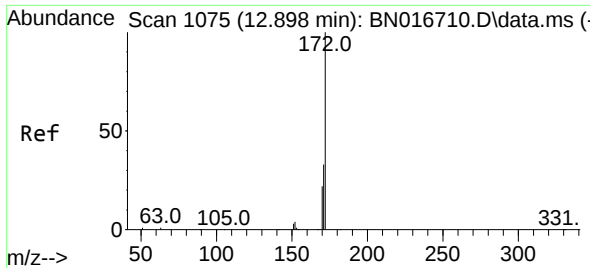


#14
2,4,6-Tribromophenol
Concen: 0.442 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40

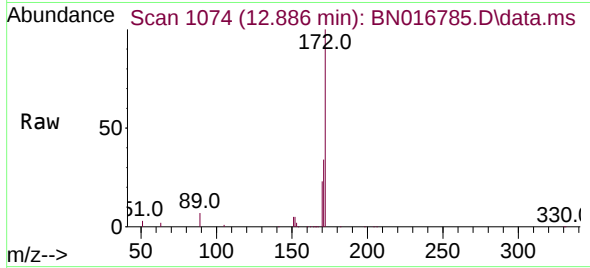


Tgt Ion:330 Resp: 10264
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.7 24.2 36.2

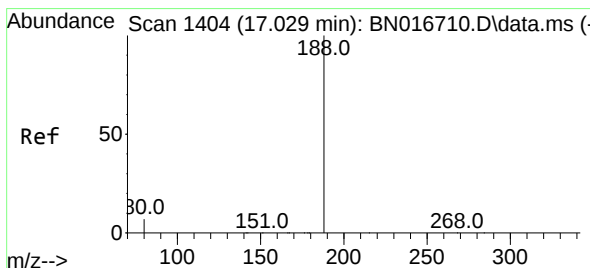
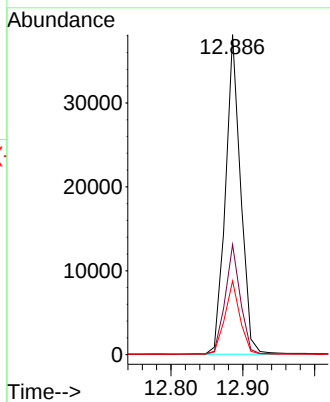
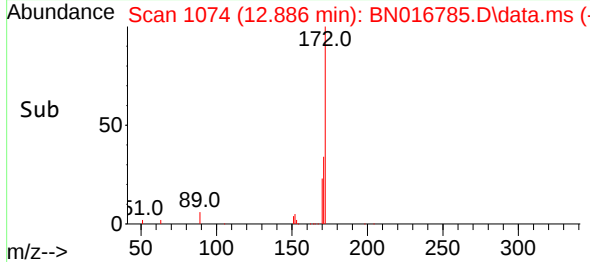




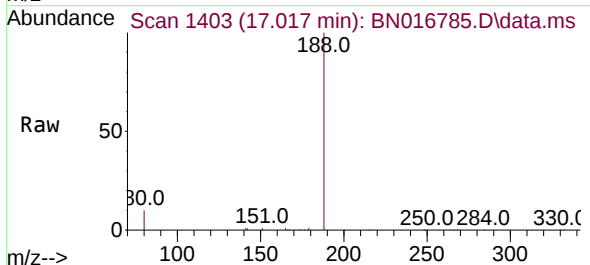
#15
2-Fluorobiphenyl
Concen: 0.254 ng
RT: 12.886 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40



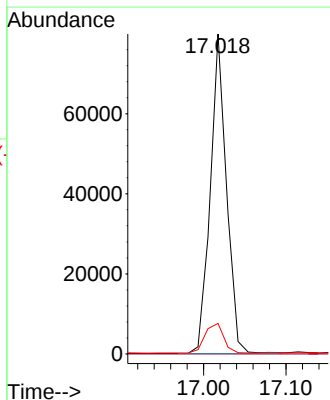
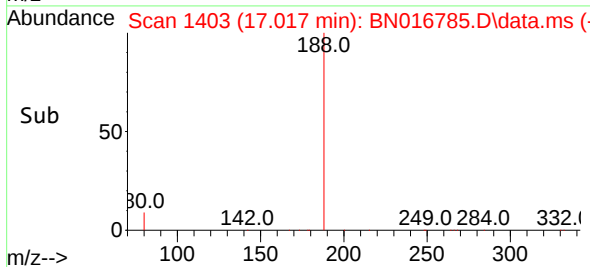
Tgt Ion:172 Resp: 55810
Ion Ratio Lower Upper
172 100
171 34.4 26.9 40.3
170 23.1 17.4 26.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40



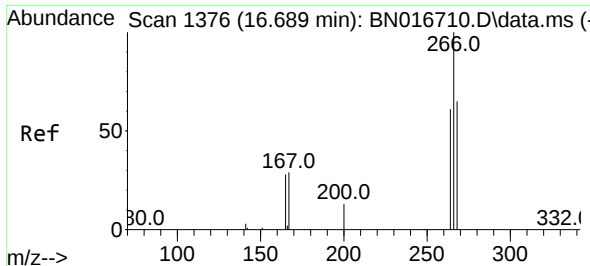
Tgt Ion:188 Resp: 108778
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 5.8 8.8#



Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

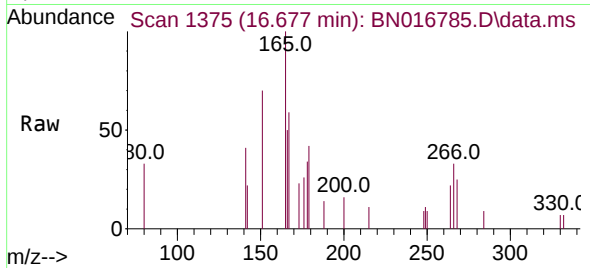
Manual Integrations
APPROVED

mohammad
10/7/2021 8:51:27 AM



#24
Pentachlorophenol
Concen: 0.346 ng
RT: 16.677 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40

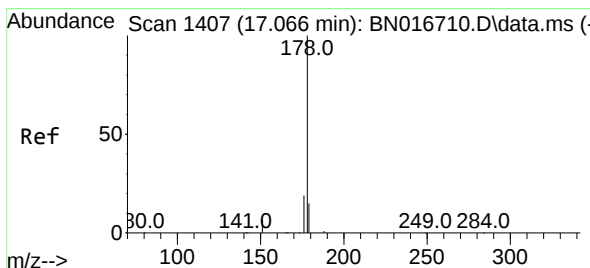
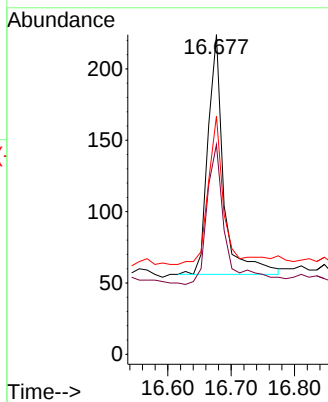
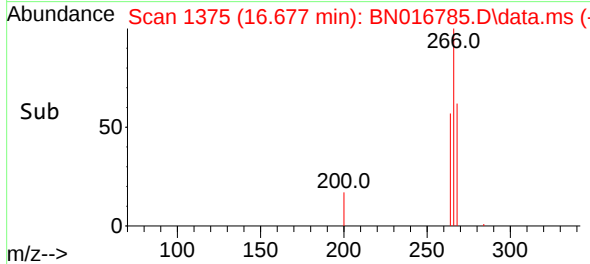
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)



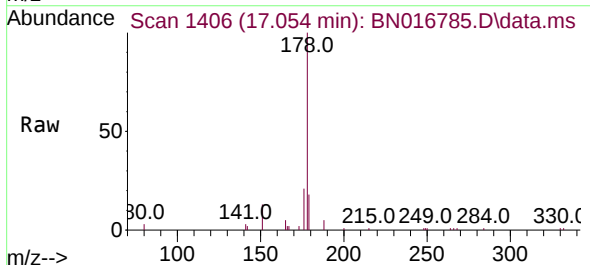
Tgt Ion	Ratio	Lower	Upper
266	100		
264	69.9	49.3	73.9
268	58.5	51.8	77.8

Manual Integrations
APPROVED

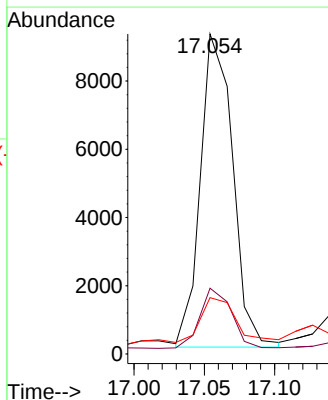
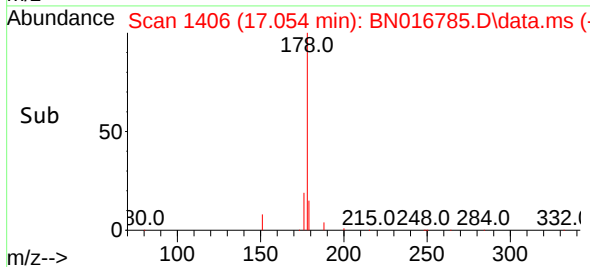
mohammad
10/7/2021 8:51:27 AM

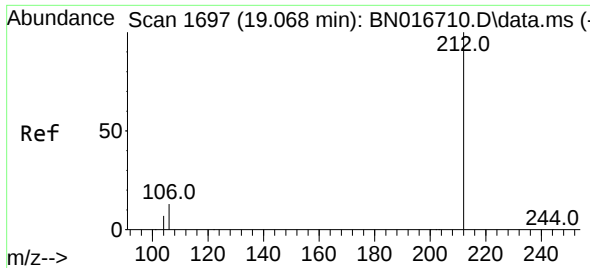


#25
Phenanthrene
Concen: 0.046 ng m
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40



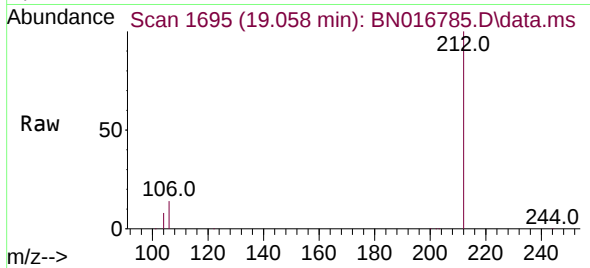
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	23.0	12.4	18.6





#27
Fluoranthene-d10
Concen: 0.401 ng
RT: 19.058 min Scan# 1695
Delta R.T. -0.005 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40

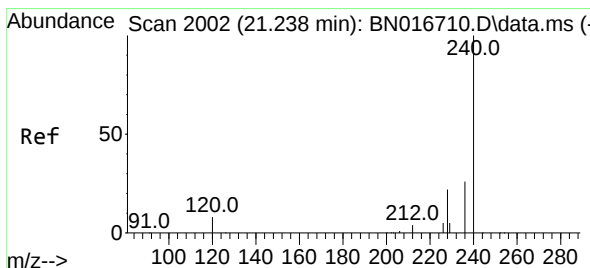
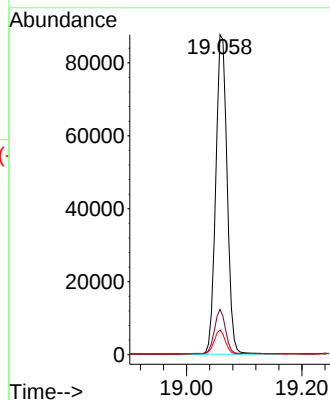
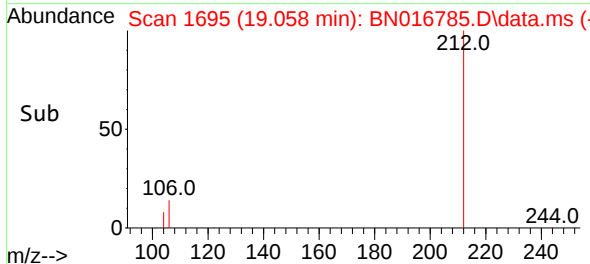
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)



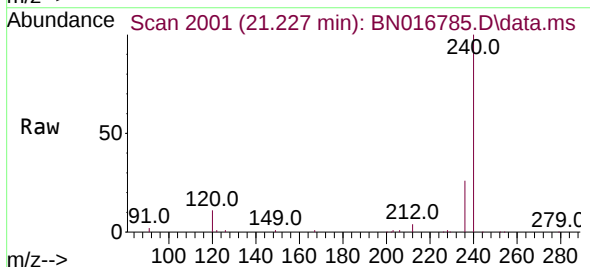
Tgt Ion:212 Resp: 119347
Ion Ratio Lower Upper
212 100
106 13.5 10.6 16.0
104 7.2 5.8 8.8

Manual Integrations
APPROVED

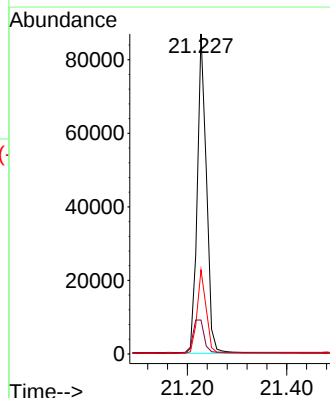
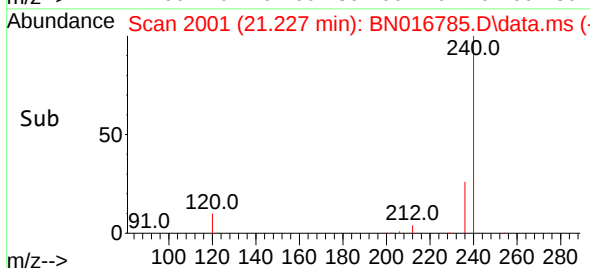
mohammad
10/7/2021 8:51:27 AM

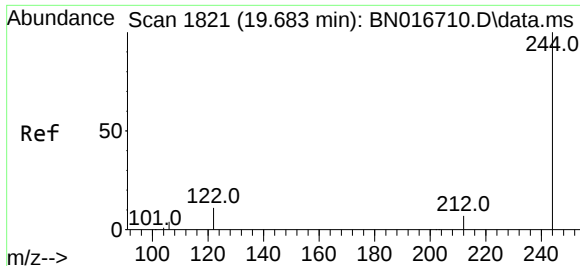


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40



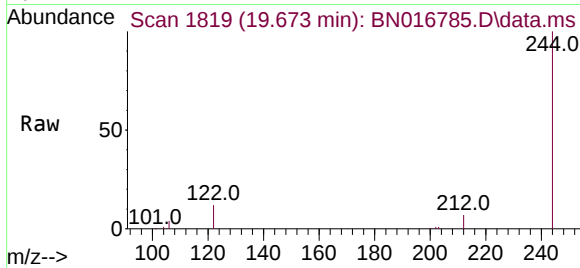
Tgt Ion:240 Resp: 111802
Ion Ratio Lower Upper
240 100
120 10.6 6.6 10.0#
236 26.3 20.7 31.1





#31
Terphenyl-d14
Concen: 0.389 ng
RT: 19.673 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40

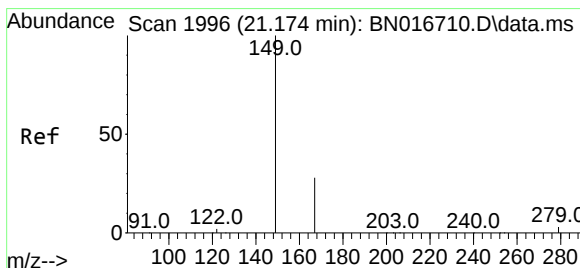
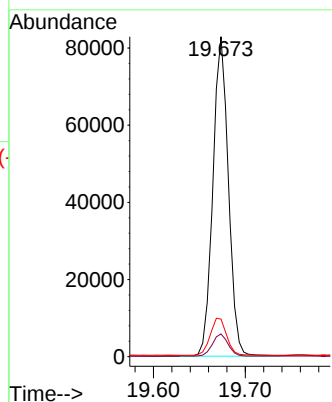
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)



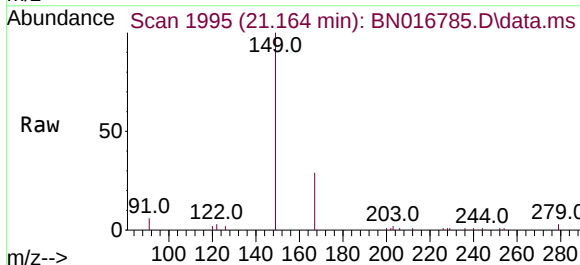
Tgt Ion:244 Resp: 97266
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 11.7 8.9 13.3

Manual Integrations
APPROVED

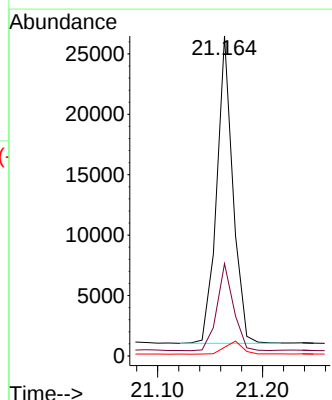
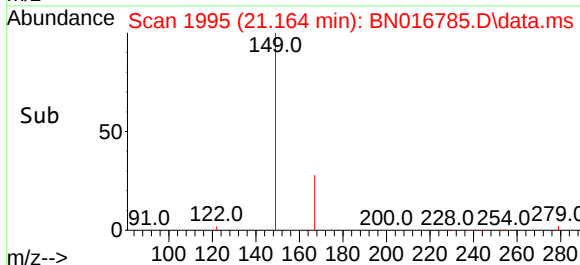
mohammad
10/7/2021 8:51:27 AM

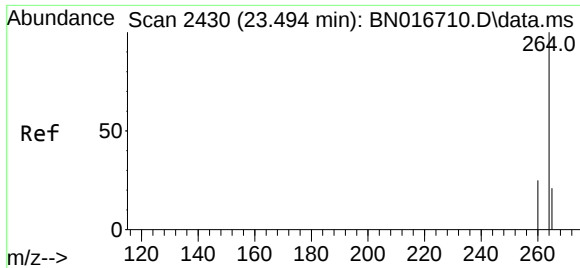


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.129 ng
RT: 21.164 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BN016785.D
Acq: 06 Oct 2021 18:40



Tgt Ion:149 Resp: 27214
Ion Ratio Lower Upper
149 100
167 28.8 22.2 33.4
279 4.6 3.4 5.2





#35

Perylene-d12

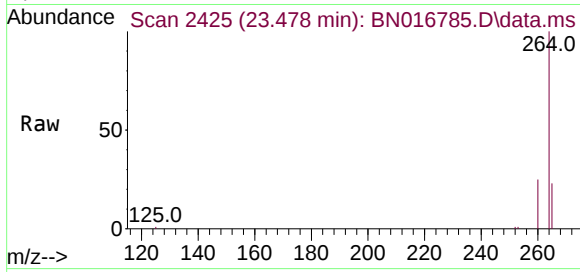
Concen: 0.400 ng

RT: 23.478 min Scan# 2425

Delta R.T. -0.003 min

Lab File: BN016785.D

Acq: 06 Oct 2021 18:40



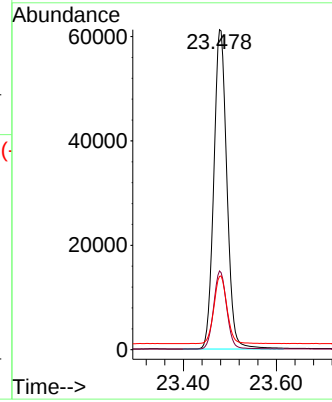
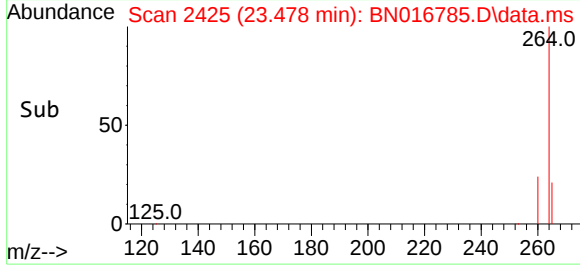
Tgt Ion: 264 Resp: 118994

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.6

265 22.9 20.3 30.5



Instrument :

BNA_N

ClientSampleId :

SW-RR-03-(SA)

Manual Integrations

APPROVED

mohammad
10/7/2021 8:51:27 AM