

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
 Data File : BN016930.D
 Acq On : 13 Oct 2021 14:21
 Operator : CG/JU
 Sample : M3702-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WP

Manual Integrations
 APPROVED

mohammad
 10/14/2021 10:52:43 AM

Quant Time: Oct 13 14:58:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 02:19:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	15990	0.40	ng	0.00
7) Naphthalene-d8	10.457	136	71950	0.40	ng	0.00
13) Acenaphthene-d10	14.294	164	38391	0.40	ng	0.00
19) Phenanthrene-d10	17.042	188	72196	0.40	ng	0.00
29) Chrysene-d12	21.238	240	68625	0.40	ng	# 0.01
35) Perylene-d12	23.477	264	71165	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.328	112	5443059	149.99	ng	0.04
5) Phenol-d6	6.914	99	6172939m	152.77	ng	0.05
8) Nitrobenzene-d5	8.848	82	5405098	118.11	ng	0.02
11) 2-Methylnaphthalene-d10	12.025	152	67	0.00	ng	-0.02
14) 2,4,6-Tribromophenol	15.804	330	3646579	209.51	ng	0.01
15) 2-Fluorobiphenyl	12.936	172	9989087	68.72	ng	0.01
27) Fluoranthene-d10	19.092	212	1024	0.01	ng	0.02
31) Terphenyl-d14	19.698	244	10540833	69.96	ng	0.02
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.448	198	2027313	128.27	ng	# 73
24) Pentachlorophenol	16.701	266	2292533	94.51	ng	99
34) Bis(2-ethylhexyl)phtha...	21.163	149	4457	0.23	ng	99

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

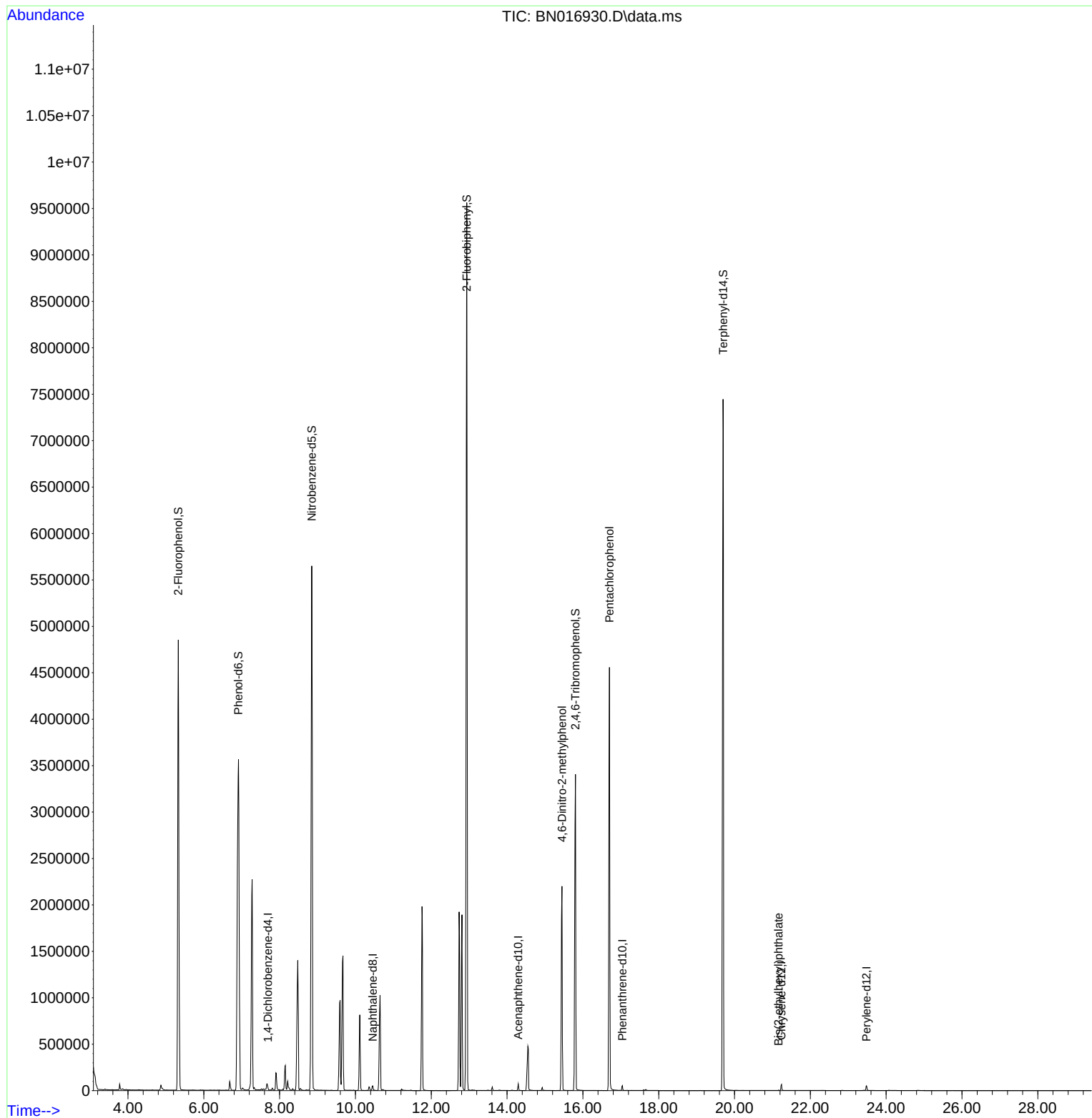
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
Data File : BN016930.D
Acq On : 13 Oct 2021 14:21
Operator : CG/JU
Sample : M3702-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

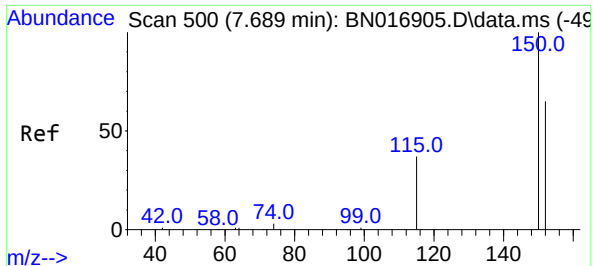
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

Manual Integrations
APPROVED

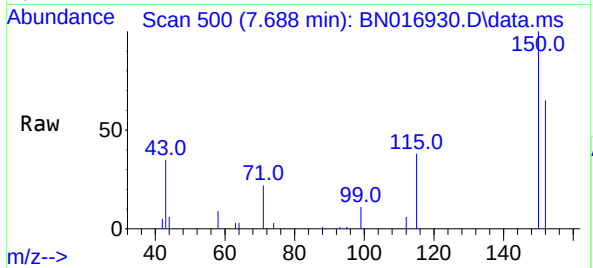
mohammad
10/14/2021 10:52:43 AM

Quant Time: Oct 13 14:58:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 02:19:57 2021
Response via : Initial Calibration

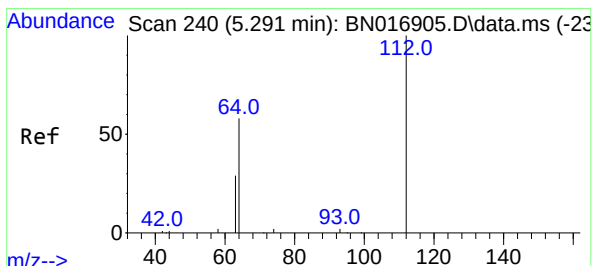
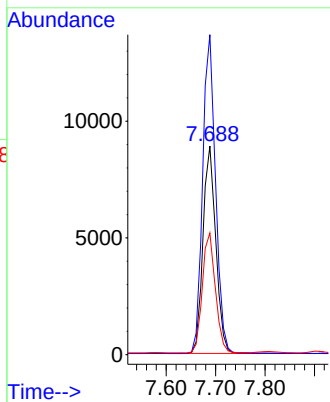
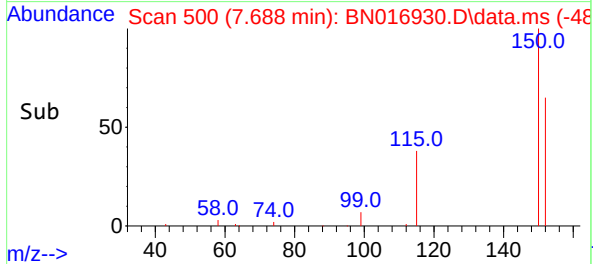




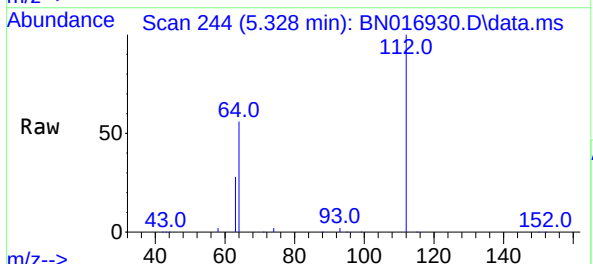
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.688 min Scan# 500
Delta R.T. -0.001 min
Lab File: BN016930.D
Acq: 13 Oct 2021 14:21



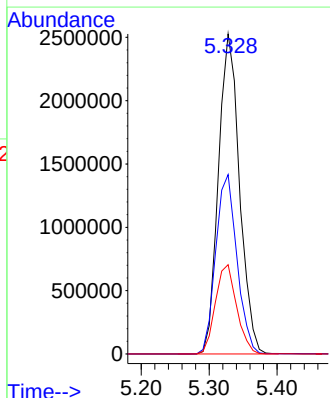
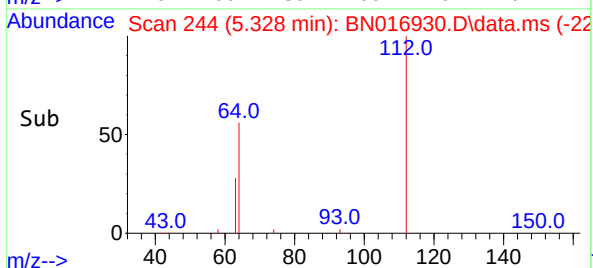
Tgt Ion:152 Resp: 15990
Ion Ratio Lower Upper
152 100
150 153.4 122.6 183.8
115 58.4 46.1 69.1



#4
2-Fluorophenol
Concen: 149.99 ng
RT: 5.328 min Scan# 244
Delta R.T. 0.037 min
Lab File: BN016930.D
Acq: 13 Oct 2021 14:21



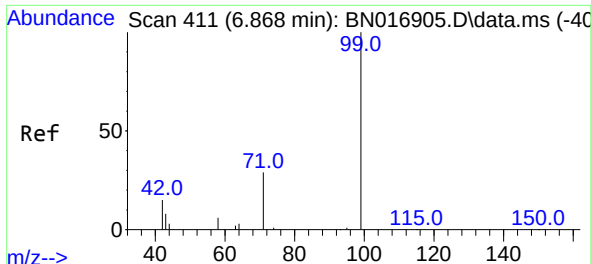
Tgt Ion:112 Resp: 5443059
Ion Ratio Lower Upper
112 100
64 56.3 45.0 67.4
63 28.1 22.6 33.8



Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

Manual Integrations
APPROVED

mohammad
10/14/2021 10:52:43 AM



#5
Phenol-d6
Concen: 152.77 ng m
RT: 6.914 min Scan# 416
Delta R.T. 0.046 min
Lab File: BN016930.D
Acq: 13 Oct 2021 14:21

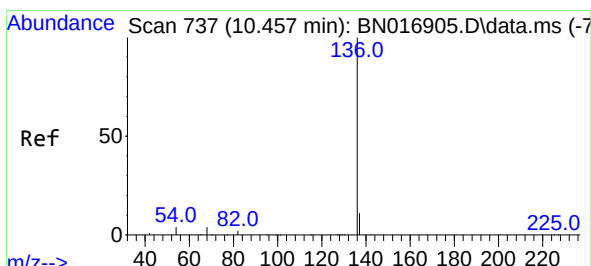
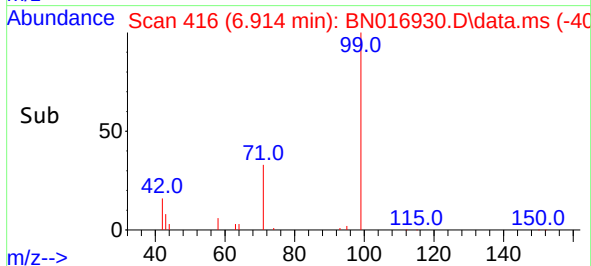
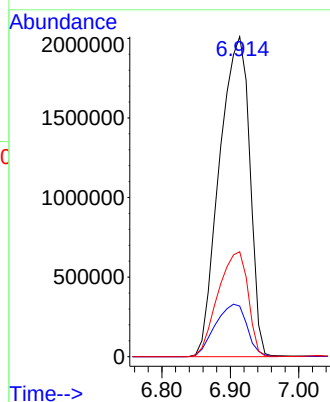
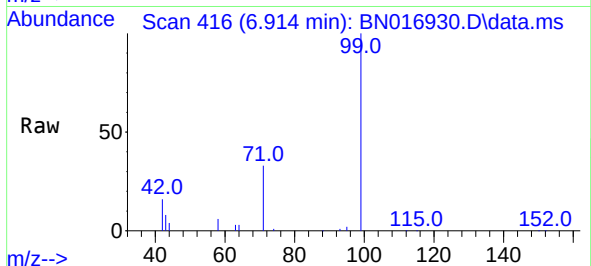
Tgt Ion: 99 Resp: 6172939

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.2	21.4
71	32.1	24.5	36.7

Instrument :
BNA_N
ClientSampled :
PT-ACIDS-WP

Manual Integrations
APPROVED

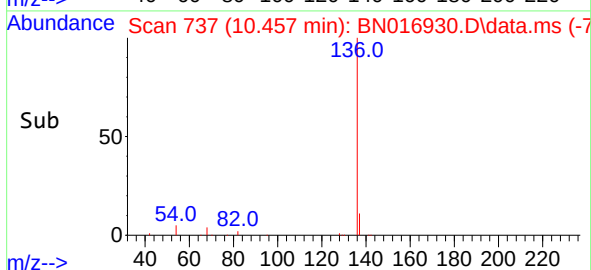
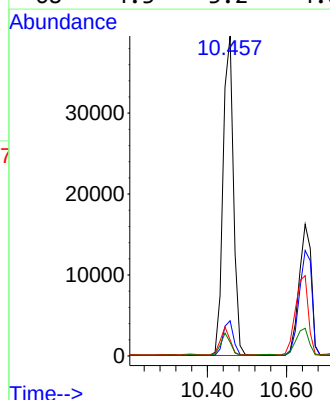
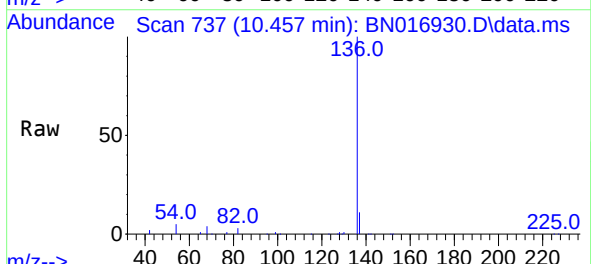
mohammad
10/14/2021 10:52:43 AM

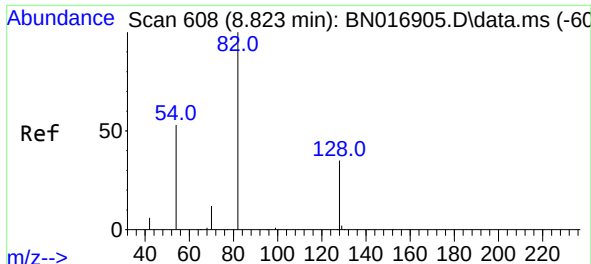


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016930.D
Acq: 13 Oct 2021 14:21

Tgt Ion:136 Resp: 71950

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	5.0	3.7	5.5
68	4.3	3.2	4.8





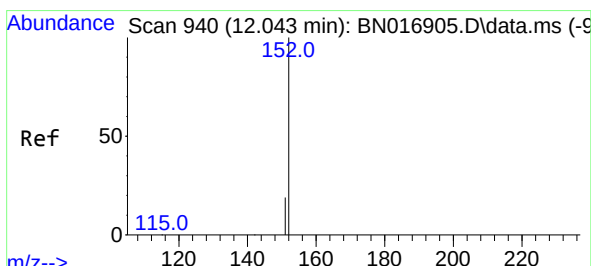
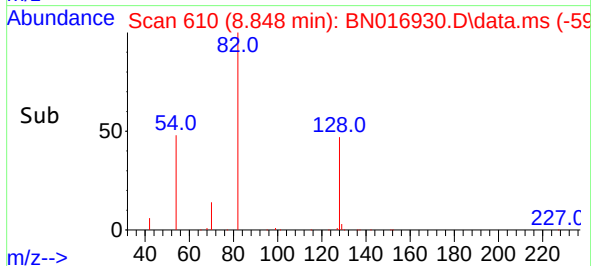
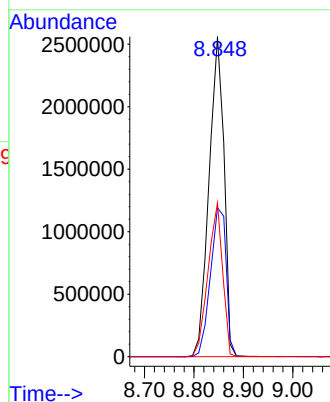
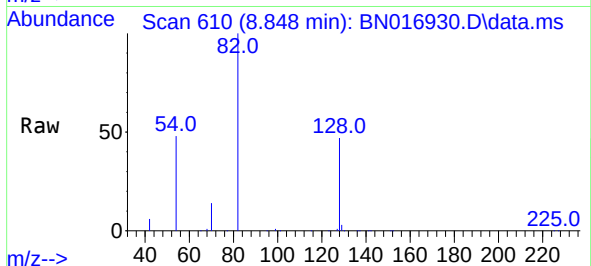
#8
Nitrobenzene-d5
Concen: 118.11 ng
RT: 8.848 min Scan# 610
Delta R.T. 0.025 min
Lab File: BN016930.D
Acq: 13 Oct 2021 14:21

Tgt Ion: 82 Resp: 5405098
Ion Ratio Lower Upper
82 100
128 46.5 28.3 42.5#
54 48.1 43.0 64.4

Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

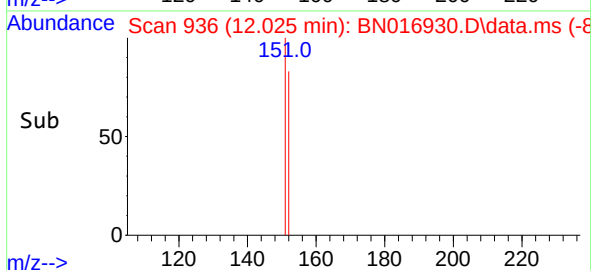
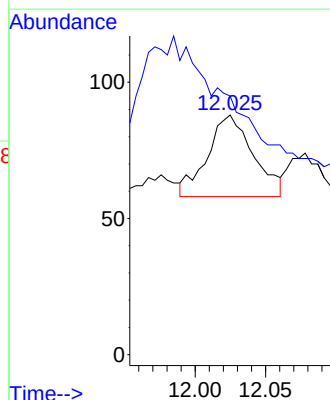
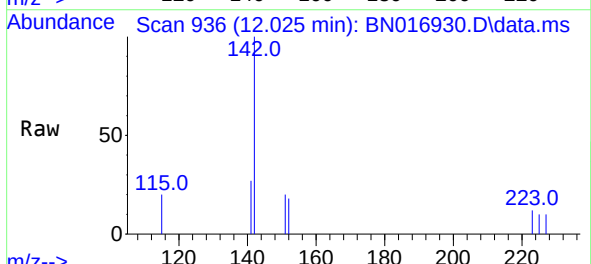
Manual Integrations
APPROVED

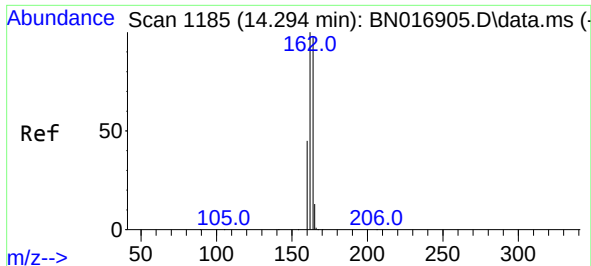
mohammad
10/14/2021 10:52:43 AM



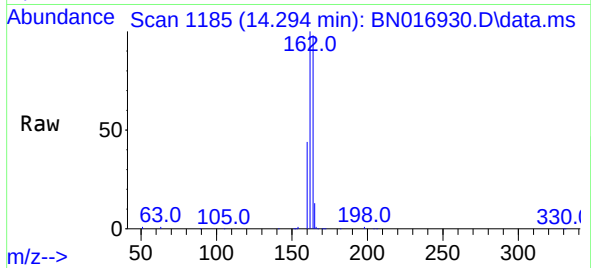
#11
2-Methylnaphthalene-d10
Concen: 0.00 ng
RT: 12.025 min Scan# 936
Delta R.T. -0.018 min
Lab File: BN016930.D
Acq: 13 Oct 2021 14:21

Tgt Ion:152 Resp: 67
Ion Ratio Lower Upper
152 100
151 0.0 16.2 24.4#



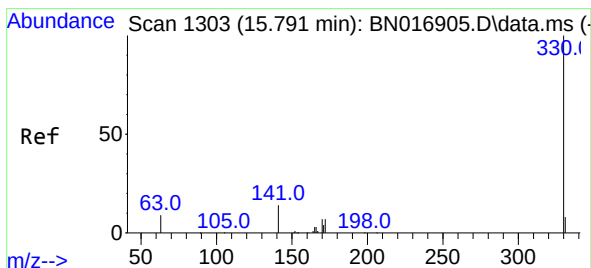
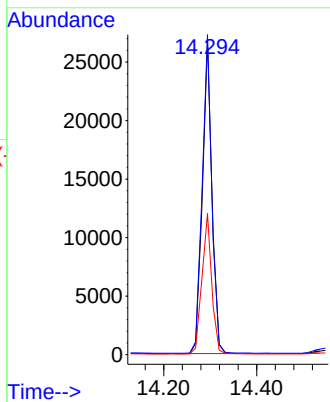
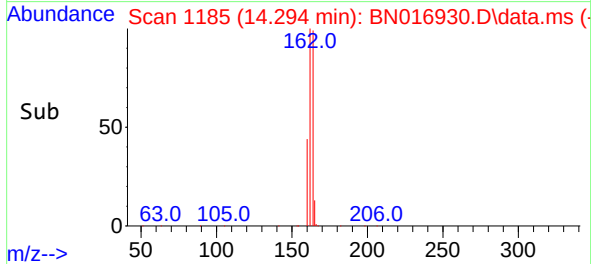


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN016930.D
Acq: 13 Oct 2021 14:21

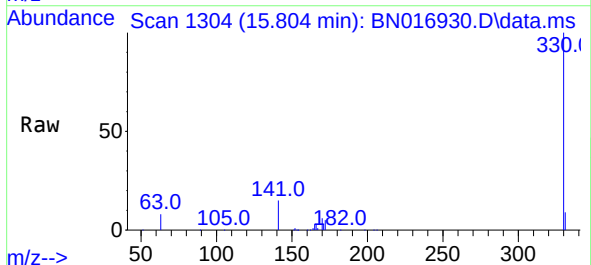


Tgt Ion:164 Resp: 38391

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.4	122.0
160	44.8	37.0	55.4

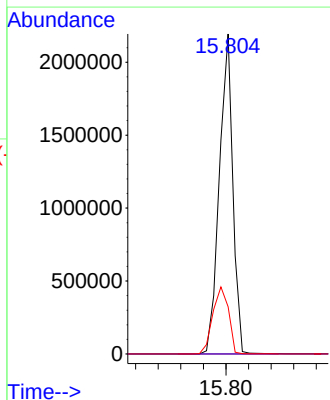
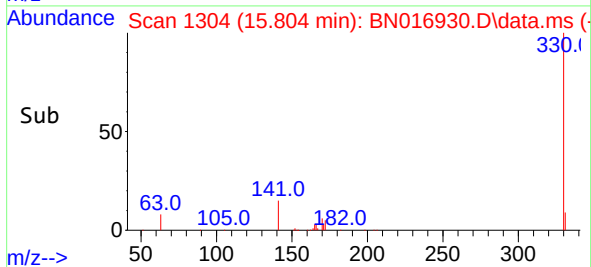


#14
2,4,6-Tribromophenol
Concen: 209.51 ng
RT: 15.804 min Scan# 1304
Delta R.T. 0.013 min
Lab File: BN016930.D
Acq: 13 Oct 2021 14:21



Tgt Ion:330 Resp: 3646579

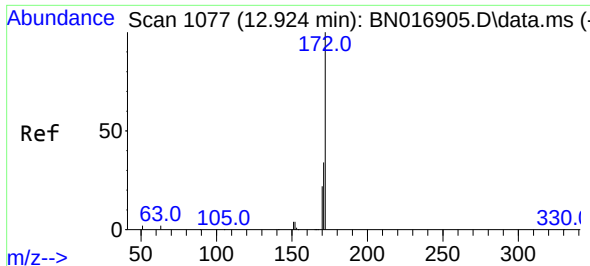
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	24.5	24.4	36.6



Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

Manual Integrations
APPROVED

mohammad
10/14/2021 10:52:43 AM



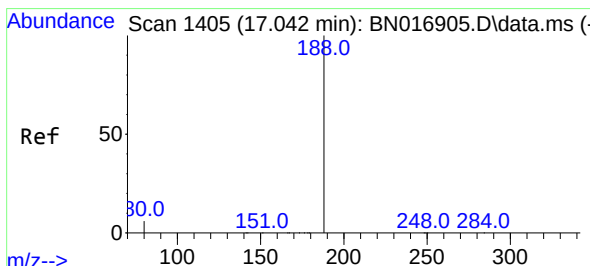
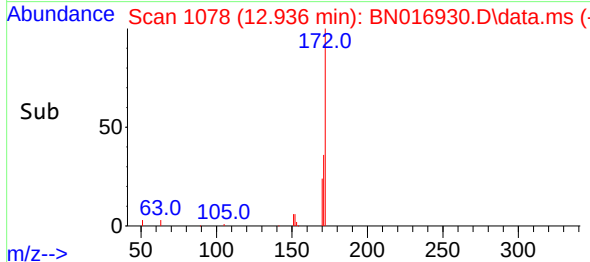
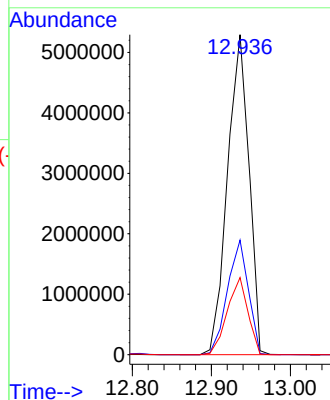
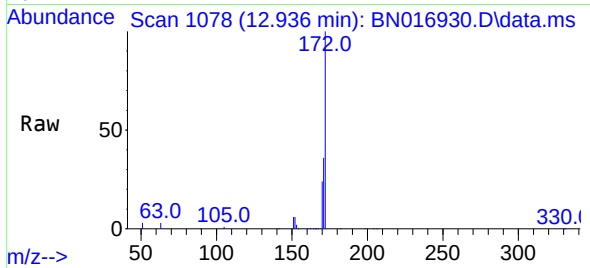
#15
2-Fluorobiphenyl
Concen: 68.72 ng
RT: 12.936 min Scan# 1078
Delta R.T. 0.012 min
Lab File: BN016930.D
Acq: 13 Oct 2021 14:21

Tgt Ion:172 Resp: 9989087
Ion Ratio Lower Upper
172 100
171 35.8 27.4 41.0
170 24.1 18.1 27.1

Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

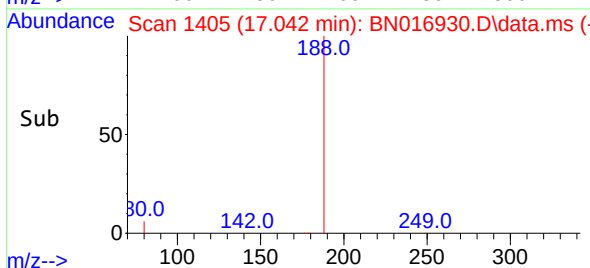
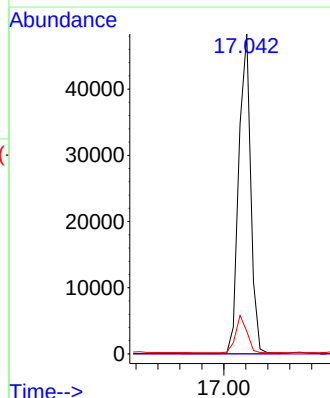
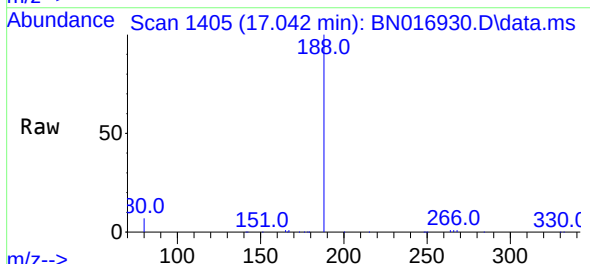
Manual Integrations
APPROVED

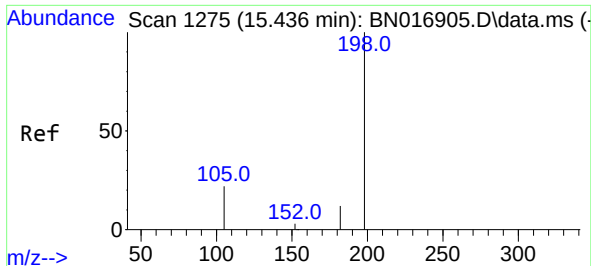
mohammad
10/14/2021 10:52:43 AM



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016930.D
Acq: 13 Oct 2021 14:21

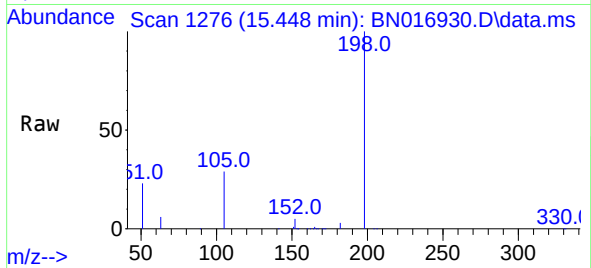
Tgt Ion:188 Resp: 72196
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.1 4.9 7.3





#20
4,6-Dinitro-2-methylphenol
Concen: 128.27 ng
RT: 15.448 min Scan# 1276
Delta R.T. 0.012 min
Lab File: BN016930.D
Acq: 13 Oct 2021 14:21

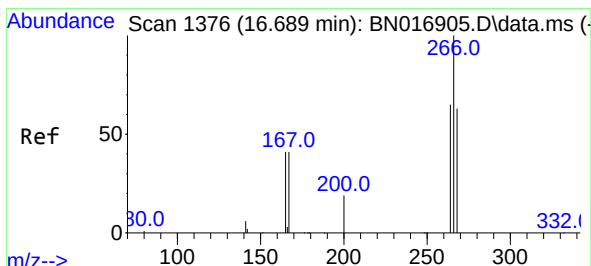
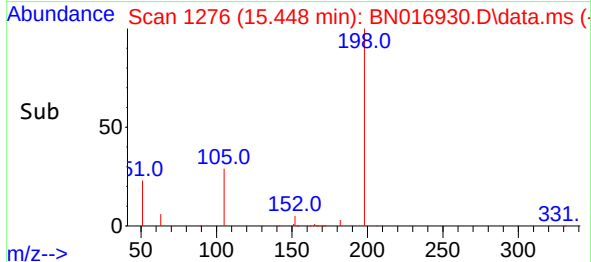
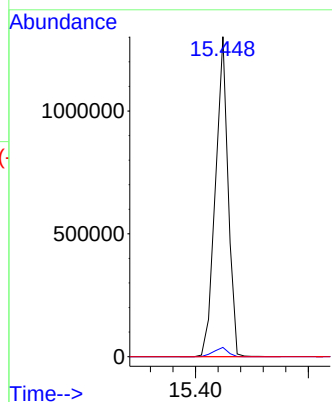
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP



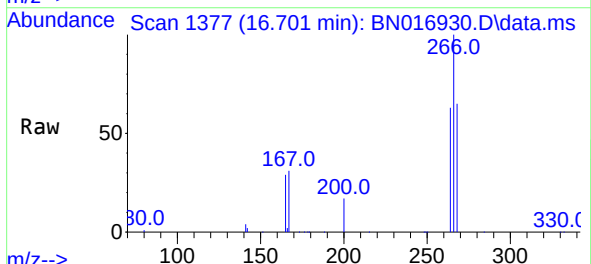
Tgt Ion:198 Resp: 2027313
Ion Ratio Lower Upper
198 100
182 2.9 11.0 16.6#
77 0.0 0.0 0.0

Manual Integrations
APPROVED

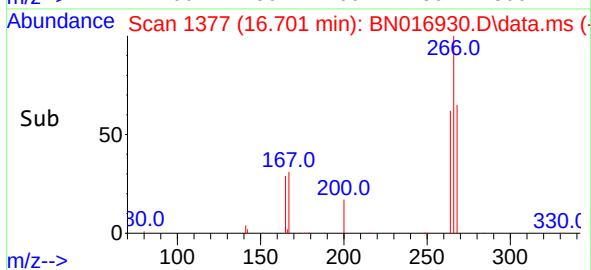
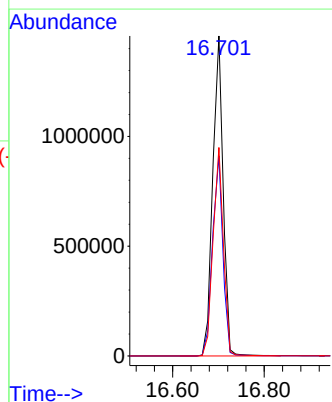
mohammad
10/14/2021 10:52:43 AM

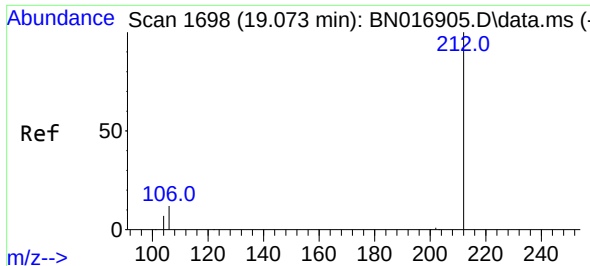


#24
Pentachlorophenol
Concen: 94.51 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.012 min
Lab File: BN016930.D
Acq: 13 Oct 2021 14:21

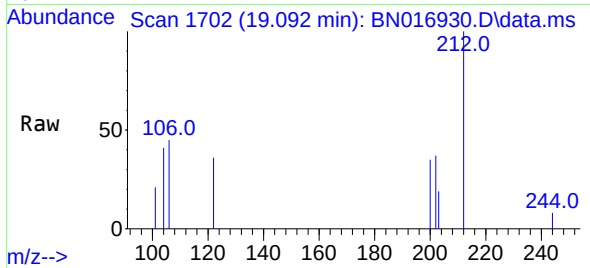


Tgt Ion:266 Resp: 2292533
Ion Ratio Lower Upper
266 100
264 62.6 50.5 75.7
268 65.1 51.2 76.8



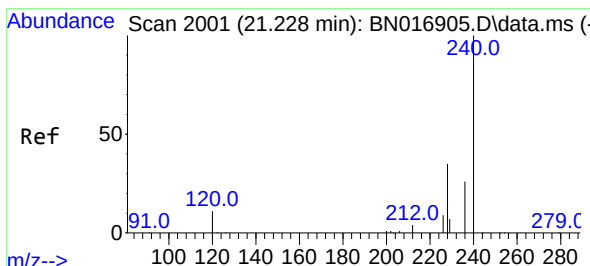
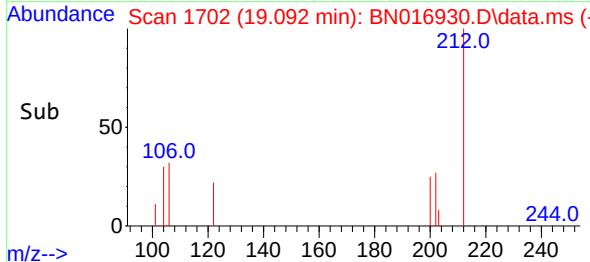
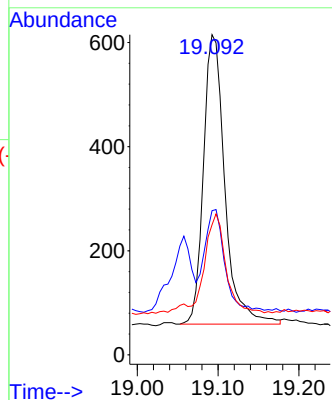


#27
Fluoranthene-d10
Concen: 0.01 ng
RT: 19.092 min Scan# 1702
Delta R.T. 0.020 min
Lab File: BN016930.D
Acq: 13 Oct 2021 14:21

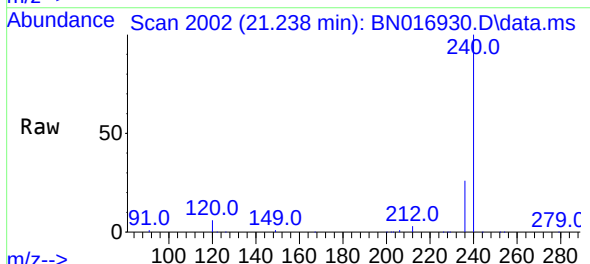


Tgt Ion: 212 Resp: 1024

Ion	Ratio	Lower	Upper
212	100		
106	32.6	10.7	16.1#
104	33.3	5.8	8.8#

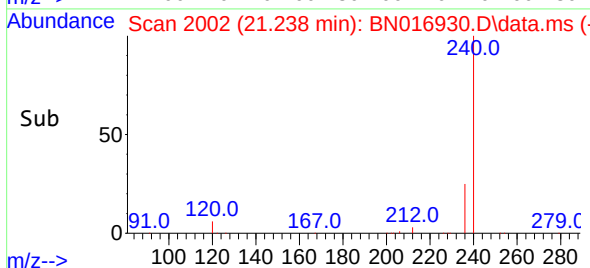
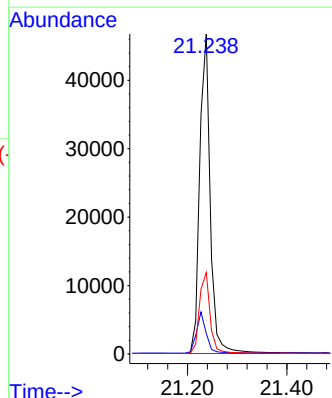


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.010 min
Lab File: BN016930.D
Acq: 13 Oct 2021 14:21



Tgt Ion: 240 Resp: 68625

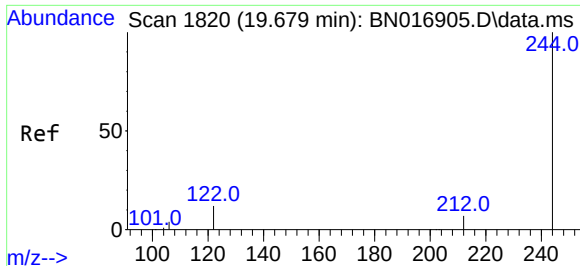
Ion	Ratio	Lower	Upper
240	100		
120	6.4	8.6	12.8#
236	25.5	21.0	31.4



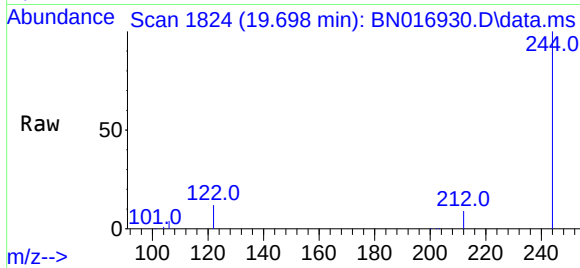
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

Manual Integrations
APPROVED

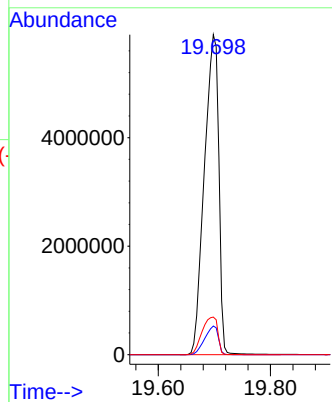
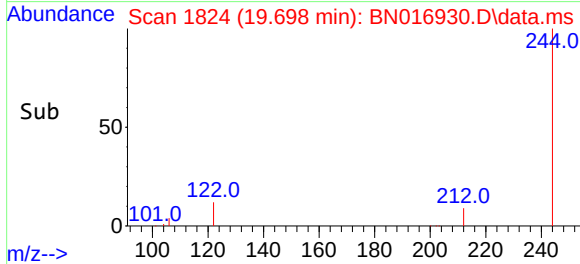
mohammad
10/14/2021 10:52:43 AM



#31
Terphenyl-d14
Concen: 69.96 ng
RT: 19.698 min Scan# 1824
Delta R.T. 0.020 min
Lab File: BN016930.D
Acq: 13 Oct 2021 14:21



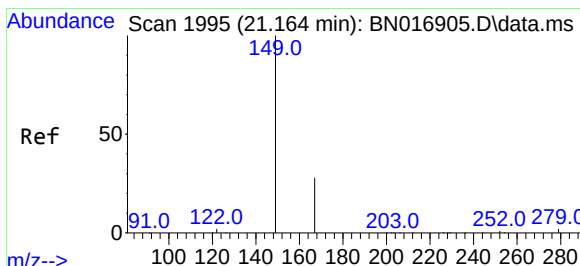
Tgt Ion:244 Resp:10540833
Ion Ratio Lower Upper
244 100
212 8.9 5.7 8.5#
122 11.7 9.8 14.6



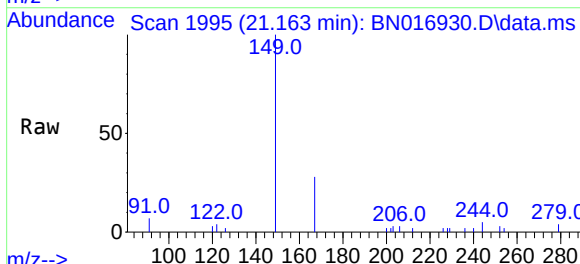
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WP

Manual Integrations
APPROVED

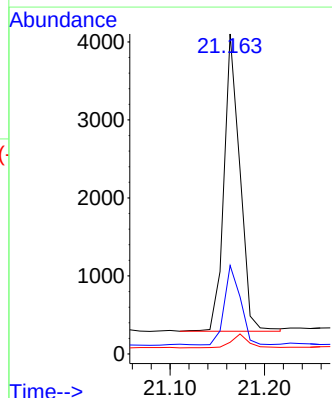
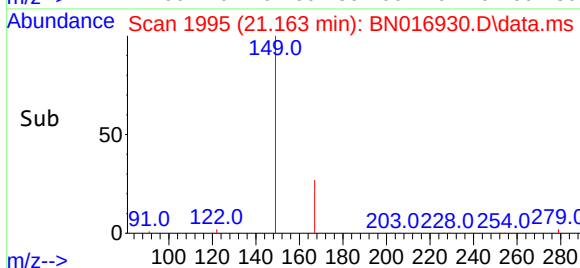
mohammad
10/14/2021 10:52:43 AM

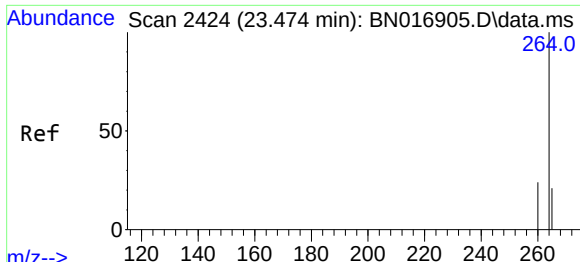


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.23 ng
RT: 21.163 min Scan# 1995
Delta R.T. -0.001 min
Lab File: BN016930.D
Acq: 13 Oct 2021 14:21

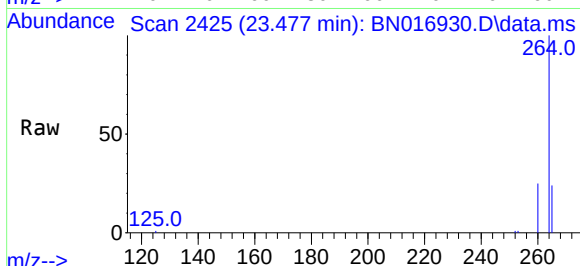


Tgt Ion:149 Resp: 4457
Ion Ratio Lower Upper
149 100
167 27.0 22.1 33.1
279 4.9 3.4 5.0

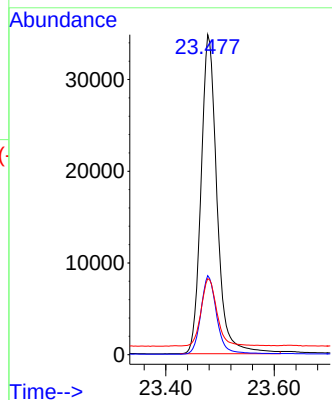
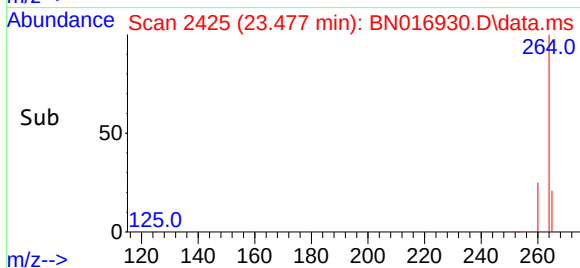




#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.477 min Scan# 2425
 Delta R.T. 0.003 min
 Lab File: BN016930.D
 Acq: 13 Oct 2021 14:21



Tgt Ion:	264	Resp:	71165
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.4	29.2
265	23.8	18.6	27.8



Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WP

Manual Integrations
 APPROVED

mohammad
 10/14/2021 10:52:43 AM