

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060921\
 Data File : BF124219.D
 Acq On : 9 Jun 2021 20:59
 Operator : JU/CG
 Sample : M2628-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-060721

Manual Integrations
 APPROVED

mohammad
 6/11/2021 1:28:56 PM

Quant Time: Jun 10 01:55:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	35791	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	131434	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	67047	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	99269	20.000	ng	0.00
76) Chrysene-d12	14.021	240	87344	20.000	ng	0.00
86) Perylene-d12	15.498	264	49150	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	44707	18.803	ng	0.00
7) Phenol-d6	6.486	99	57967	18.138	ng	-0.01
23) Nitrobenzene-d5	7.410	82	44051	13.293	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	13831	14.561	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	73465	13.788	ng	0.00
79) Terphenyl-d14	12.957	244	64701	10.170	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.598	163	13549	2.443	ng	# 94
75) Fluoranthene	12.586	202	14707	2.259	ng	90
87) Indeno(1,2,3-cd)pyrene	16.986	276	4434m	5.321	ng	
88) Benzo(b)fluoranthene	15.068	252	8383m	2.196	ng	
90) Benzo(a)pyrene	15.433	252	6894	2.079	ng	# 61
92) Benzo(g,h,i)perylene	17.445	276	4995	5.142	ng	# 91

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

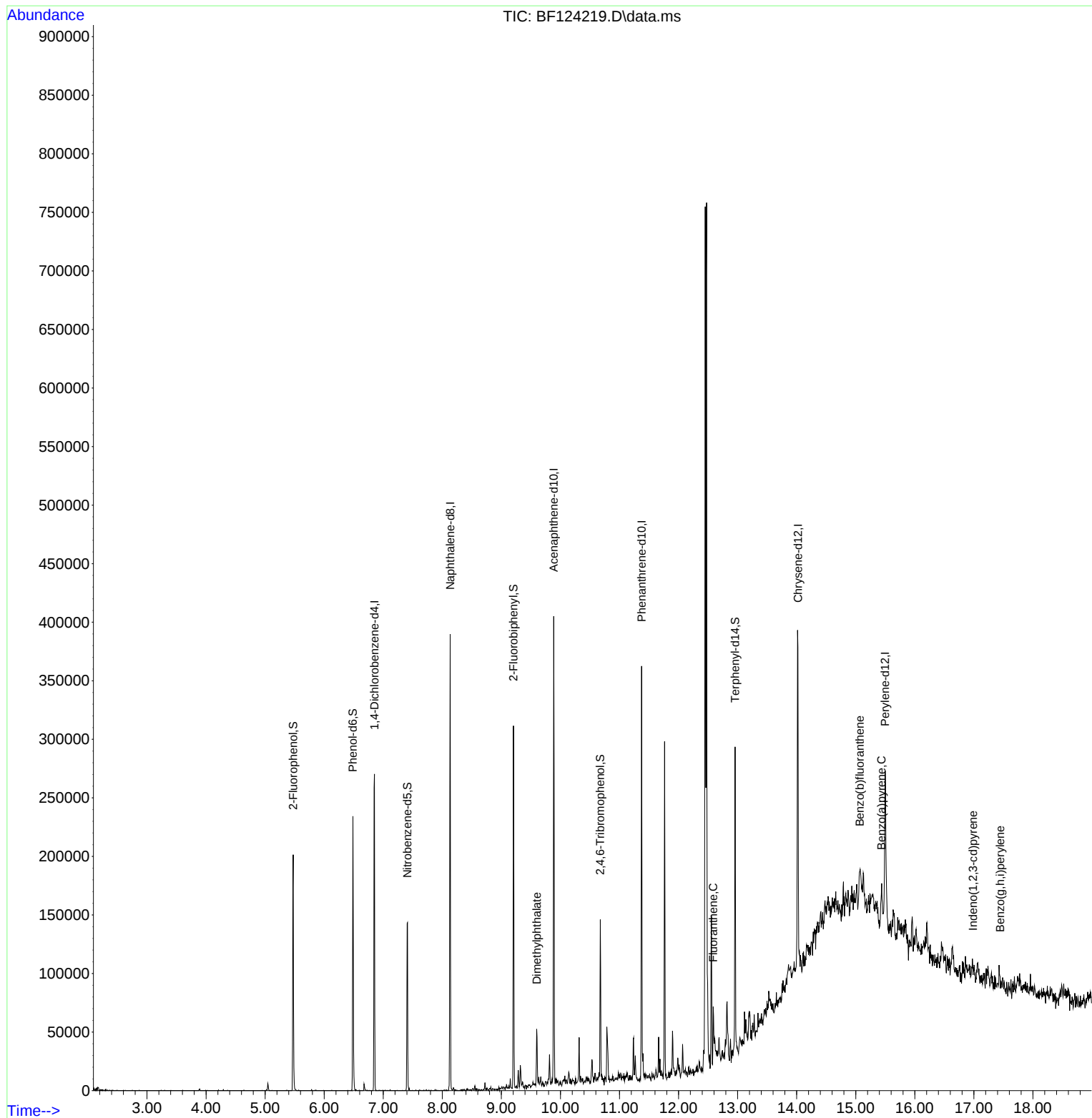
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060921\
Data File : BF124219.D
Acq On : 9 Jun 2021 20:59
Operator : JU/CG
Sample : M2628-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-060721

Manual Integrations
APPROVED

mohammad
6/11/2021 1:28:56 PM

Quant Time: Jun 10 01:55:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 10 01:53:56 2021
Response via : Initial Calibration





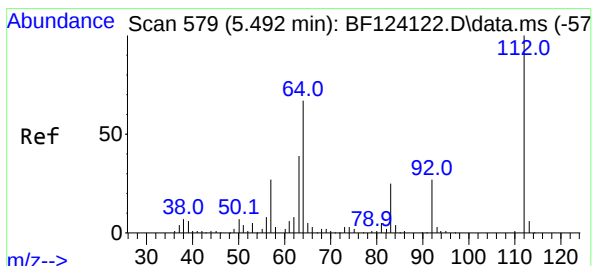
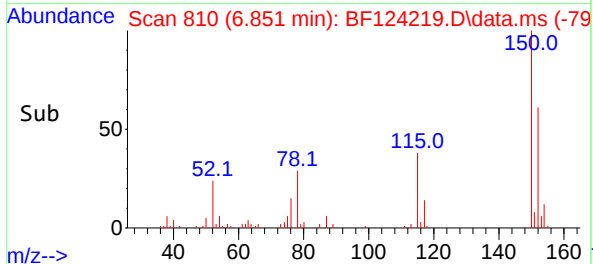
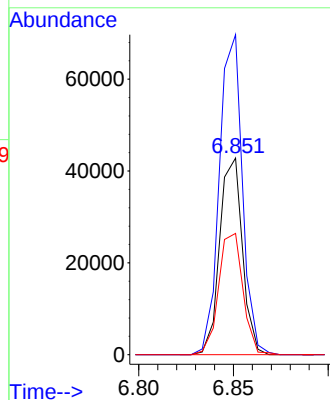
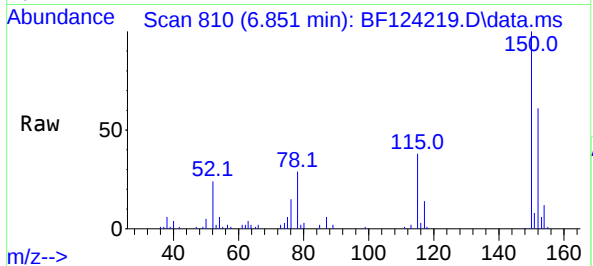
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

Tgt Ion:152 Resp: 35791
Ion Ratio Lower Upper
152 100
150 162.7 127.0 190.6
115 61.7 54.3 81.5

Instrument :
BNA_F
ClientSampleId :
HD-02-060721

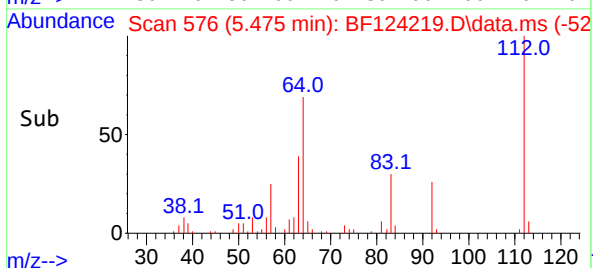
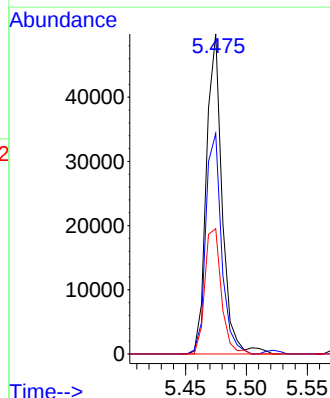
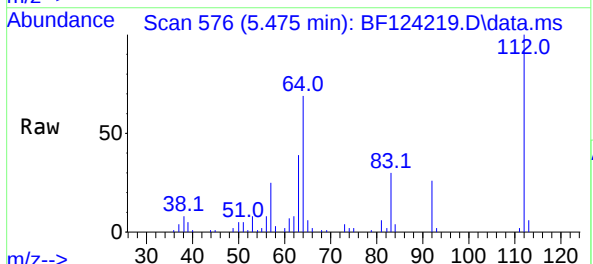
Manual Integrations
APPROVED

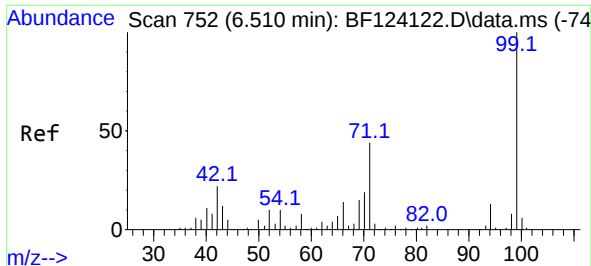
mohammad
6/11/2021 1:28:56 PM



#5
2-Fluorophenol
Concen: 18.803 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

Tgt Ion:112 Resp: 44707
Ion Ratio Lower Upper
112 100
64 68.9 61.4 92.0
63 39.2 33.0 49.4





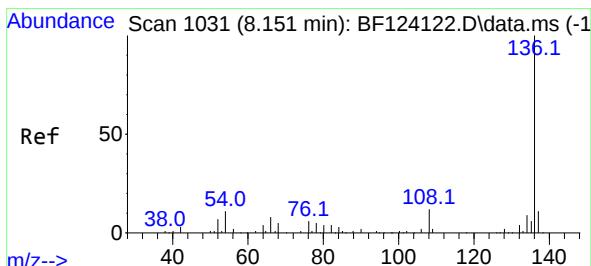
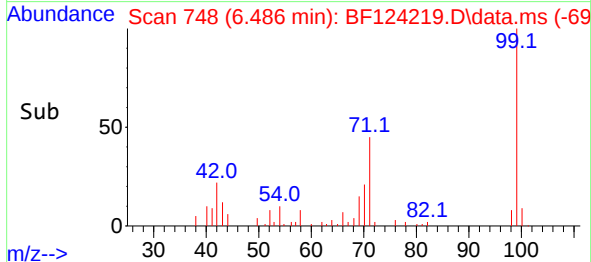
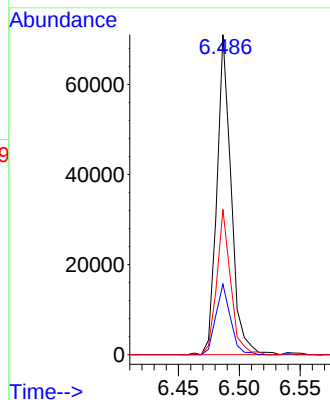
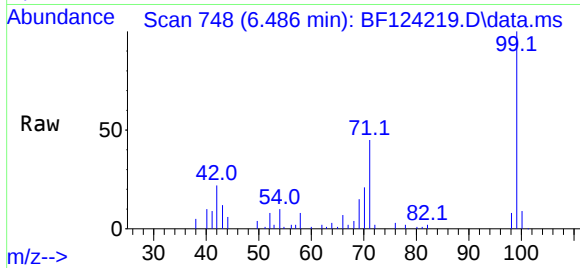
#7
Phenol-d6
Concen: 18.138 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

Tgt Ion:	99	Resp:	57967
Ion	Ratio	Lower	Upper
99	100		
42	22.1	19.8	29.8
71	45.4	31.1	46.7

Instrument :
BNA_F
ClientSampleId :
HD-02-060721

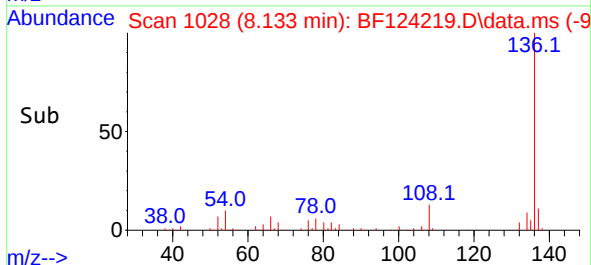
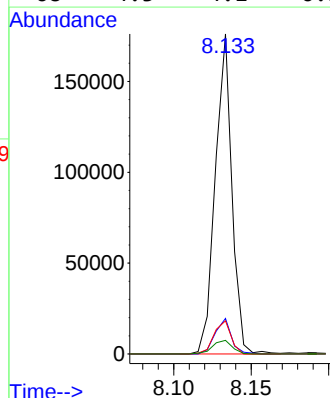
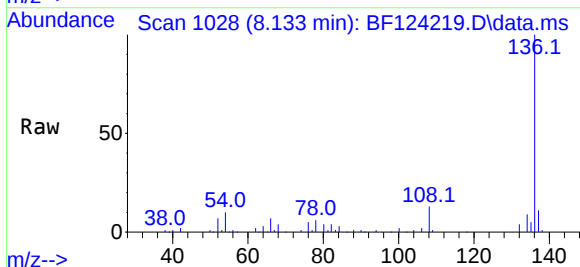
Manual Integrations
APPROVED

mohammad
6/11/2021 1:28:56 PM



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

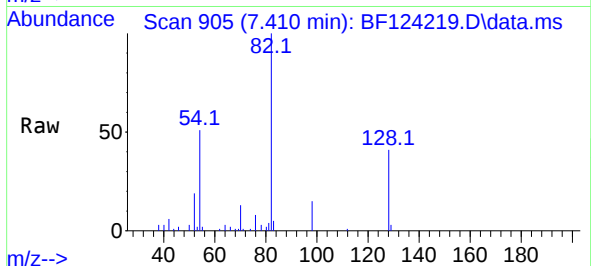
Tgt Ion:	136	Resp:	131434
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.3	9.8	14.6
68	4.3	4.1	6.1





#23
Nitrobenzene-d5
Concen: 13.293 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

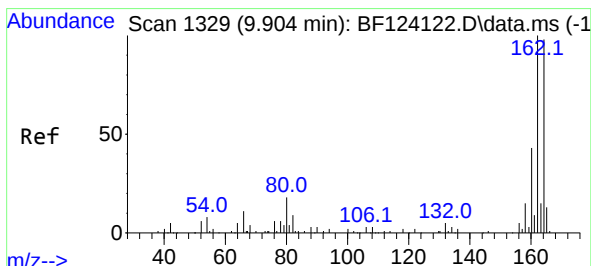
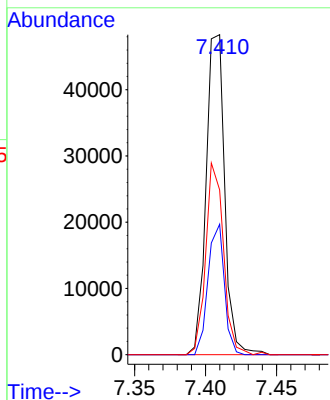
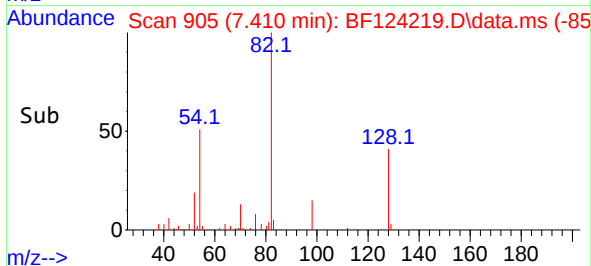
Instrument :
BNA_F
ClientSampleId :
HD-02-060721



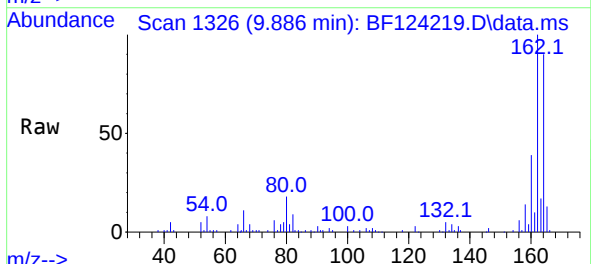
Tgt Ion: 82 Resp: 44051
Ion Ratio Lower Upper
82 100
128 40.8 29.4 44.2
54 51.5 54.1 81.1#

Manual Integrations
APPROVED

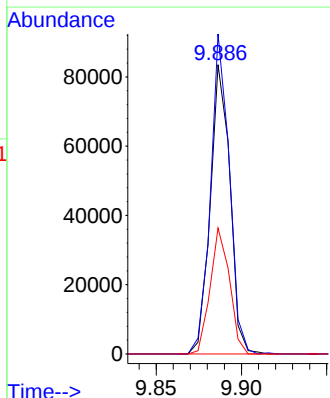
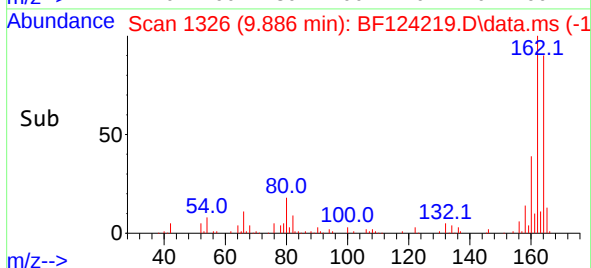
mohammad
6/11/2021 1:28:56 PM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59



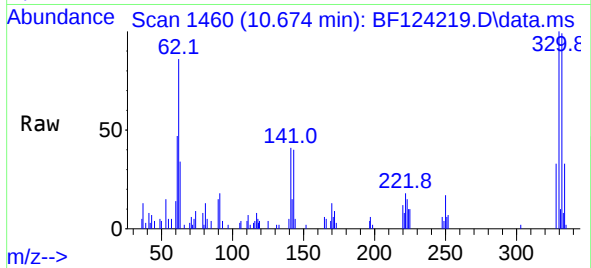
Tgt Ion: 164 Resp: 67047
Ion Ratio Lower Upper
164 100
162 110.6 80.7 121.1
160 43.5 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 14.561 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

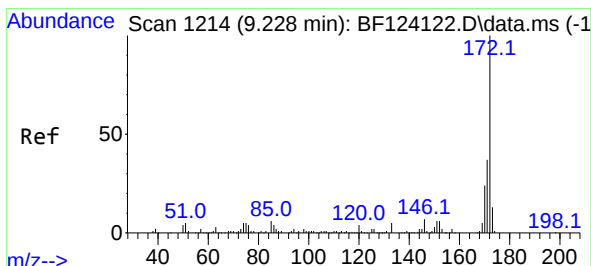
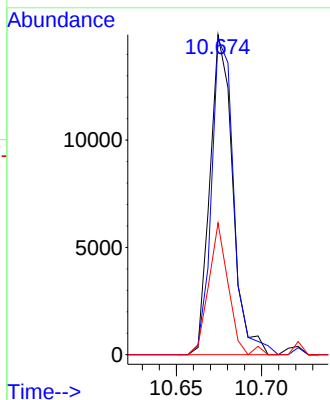
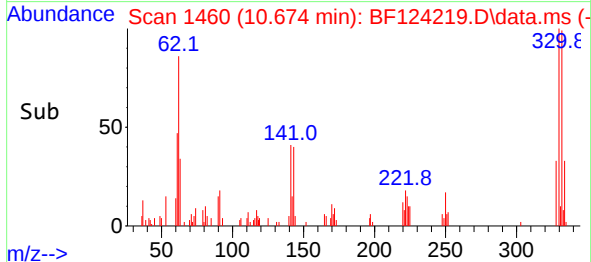
Instrument :
BNA_F
ClientSampleId :
HD-02-060721



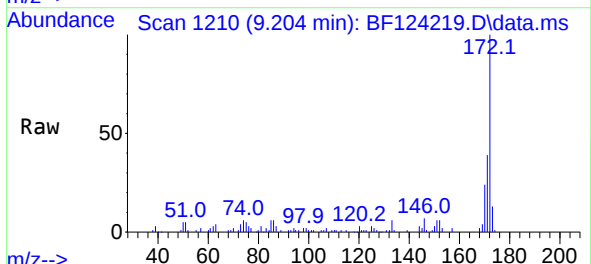
Tgt Ion:330 Resp: 13831
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 35.8 27.9 41.9

Manual Integrations
APPROVED

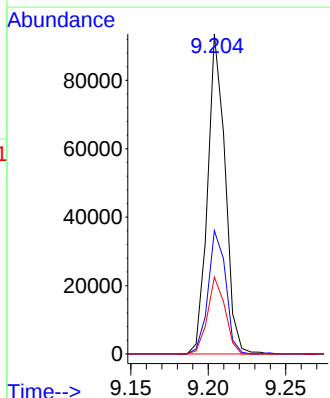
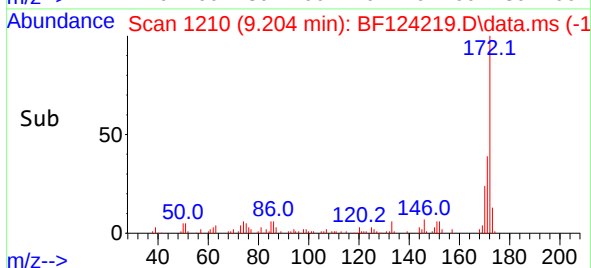
mohammad
6/11/2021 1:28:56 PM

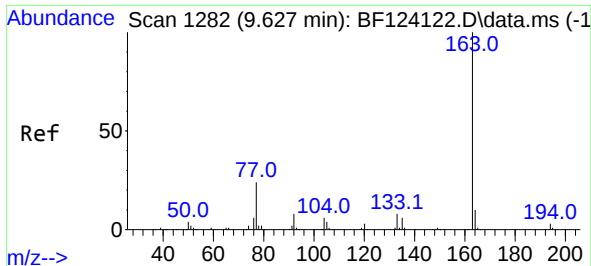


#45
2-Fluorobiphenyl
Concen: 13.788 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

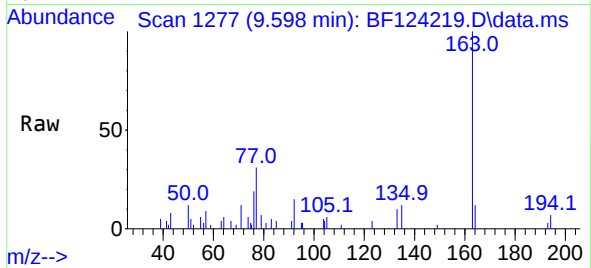


Tgt Ion:172 Resp: 73465
Ion Ratio Lower Upper
172 100
171 38.5 28.1 42.1
170 24.0 19.2 28.8

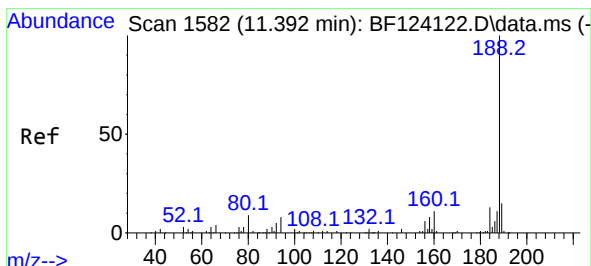
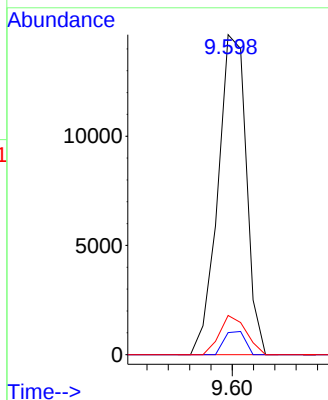
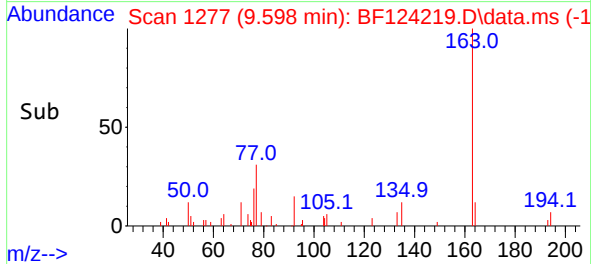




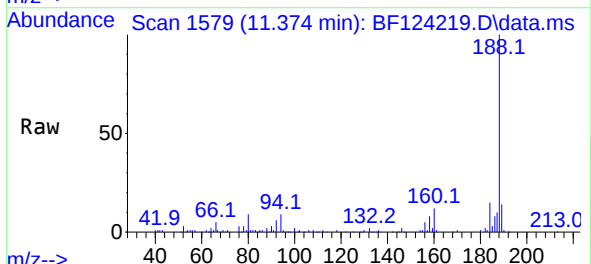
#50
Dimethylphthalate
Concen: 2.443 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.018 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59



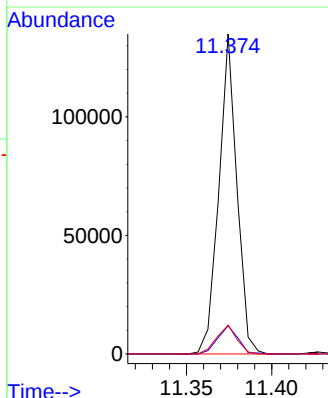
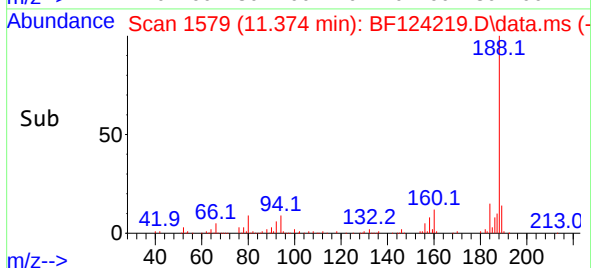
Tgt Ion:163 Resp: 13549
Ion Ratio Lower Upper
163 100
194 6.9 3.1 4.7#
164 12.2 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59



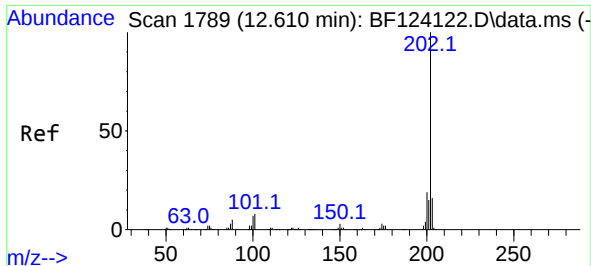
Tgt Ion:188 Resp: 99269
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 9.0 8.2 12.2



Instrument :
BNA_F
ClientSampleId :
HD-02-060721

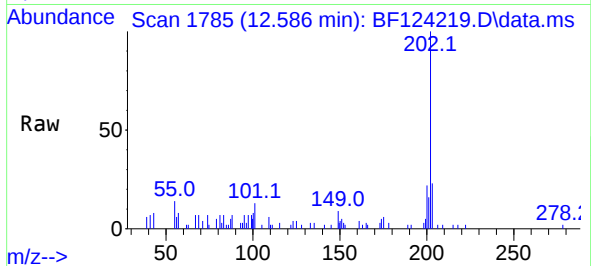
Manual Integrations
APPROVED

mohammad
6/11/2021 1:28:56 PM



#75
Fluoranthene
Concen: 2.259 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

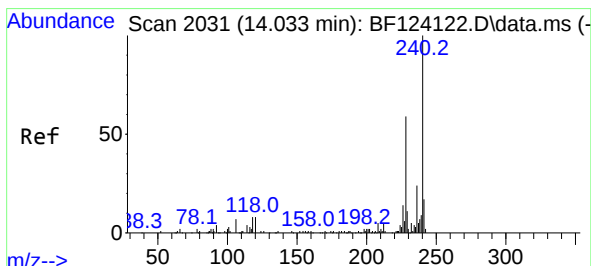
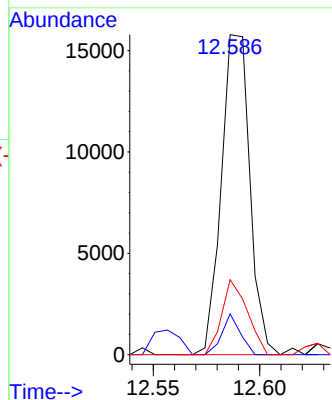
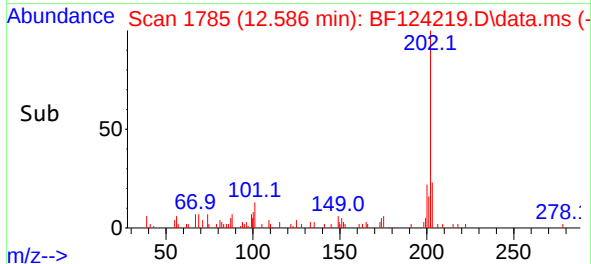
Instrument :
BNA_F
ClientSampleId :
HD-02-060721



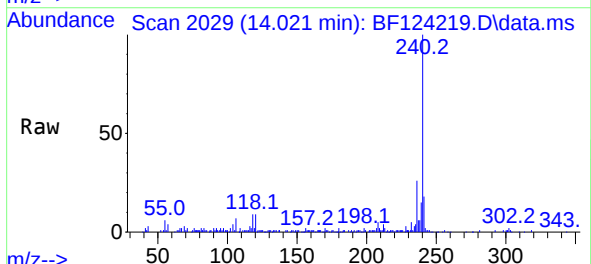
Tgt Ion:202 Resp: 14707
Ion Ratio Lower Upper
202 100
101 12.8 0.0 30.9
203 23.5 0.0 37.5

Manual Integrations
APPROVED

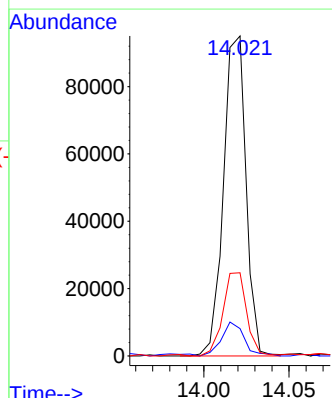
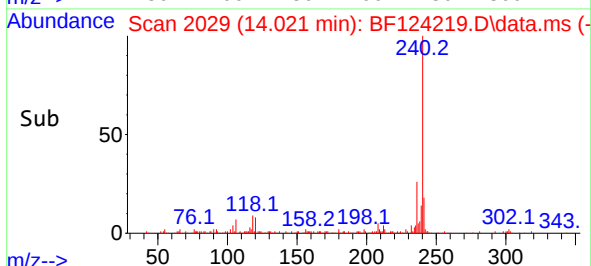
mohammad
6/11/2021 1:28:56 PM

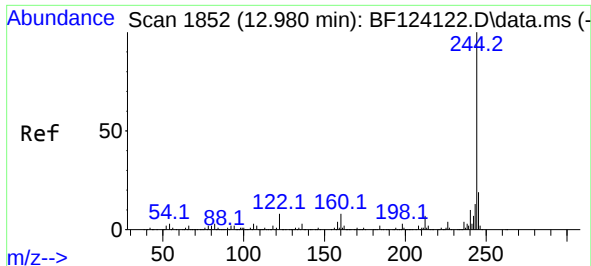


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59



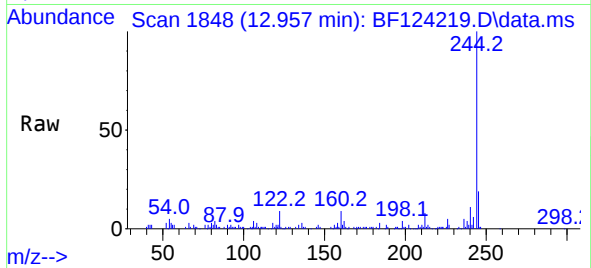
Tgt Ion:240 Resp: 87344
Ion Ratio Lower Upper
240 100
120 8.5 7.2 10.8
236 26.0 19.0 28.4





#79
Terphenyl-d14
Concen: 10.170 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

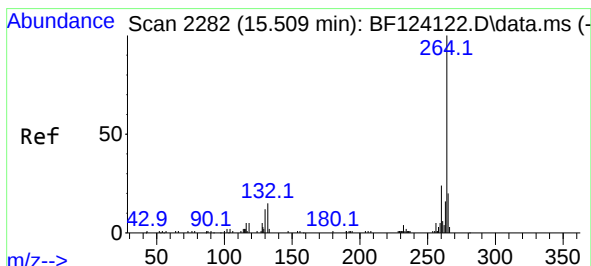
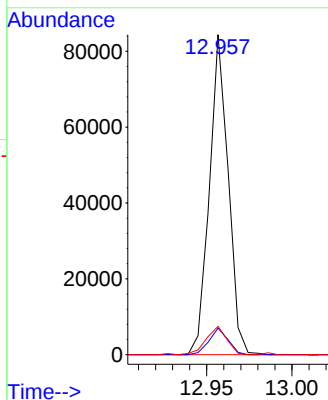
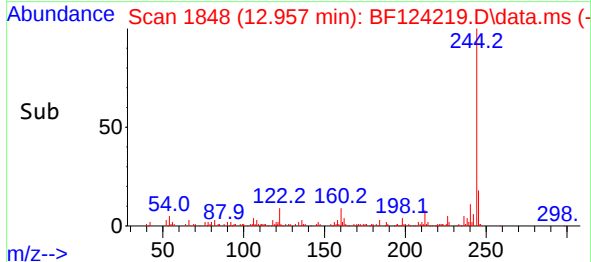
Instrument :
BNA_F
ClientSampleId :
HD-02-060721



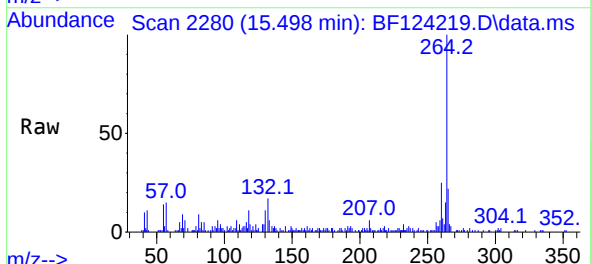
Tgt Ion:244 Resp: 64701
Ion Ratio Lower Upper
244 100
212 8.3 5.7 8.5
122 8.8 9.7 14.5#

Manual Integrations
APPROVED

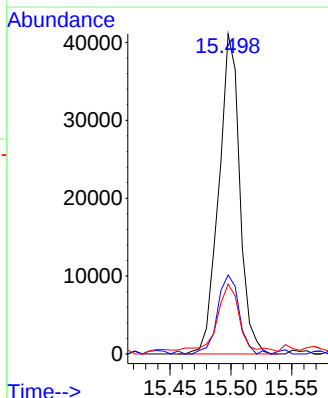
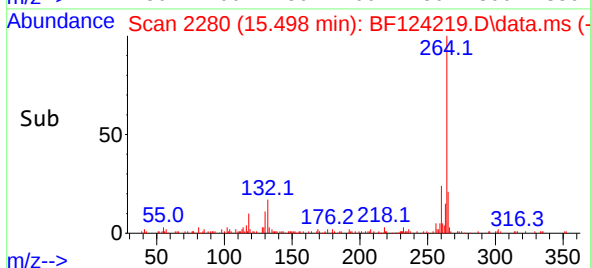
mohammad
6/11/2021 1:28:56 PM

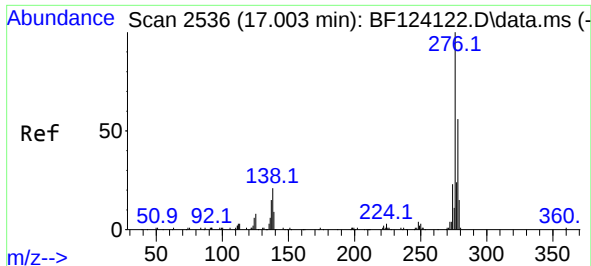


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59



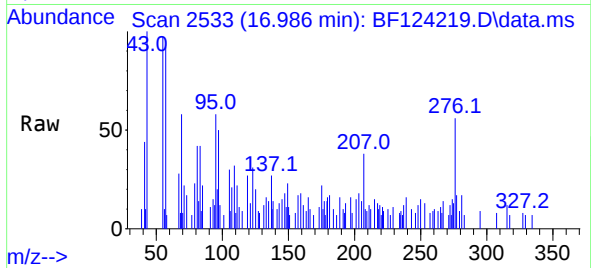
Tgt Ion:264 Resp: 49150
Ion Ratio Lower Upper
264 100
260 24.7 18.7 28.1
265 21.8 17.8 26.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 5.321 ng m
RT: 16.986 min Scan# 2533
Delta R.T. 0.006 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

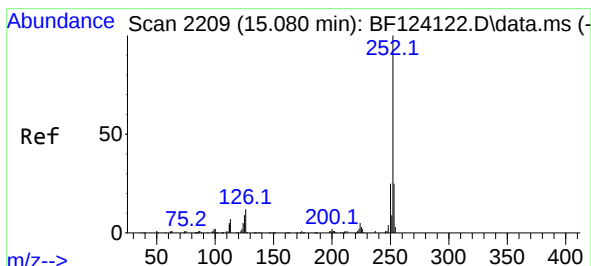
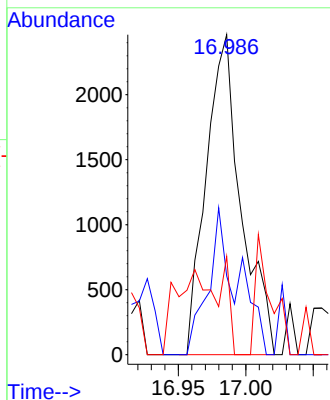
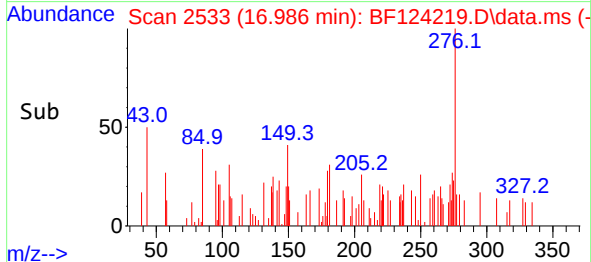
Instrument :
BNA_F
ClientSampleId :
HD-02-060721



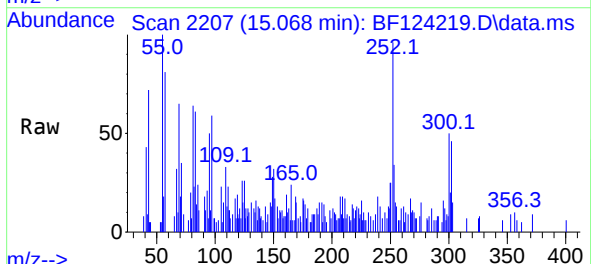
Tgt Ion:276 Resp: 4434
Ion Ratio Lower Upper
276 100
138 4.0 16.2 24.2#
277 5.5 20.1 30.1#

Manual Integrations
APPROVED

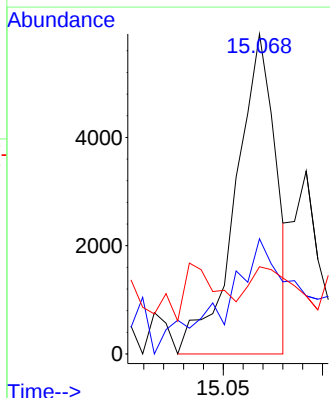
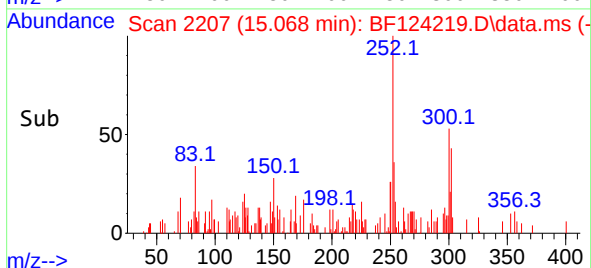
mohammad
6/11/2021 1:28:56 PM

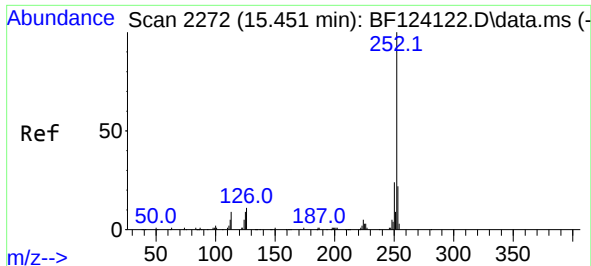


#88
Benzo(b)fluoranthene
Concen: 2.196 ng m
RT: 15.068 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59



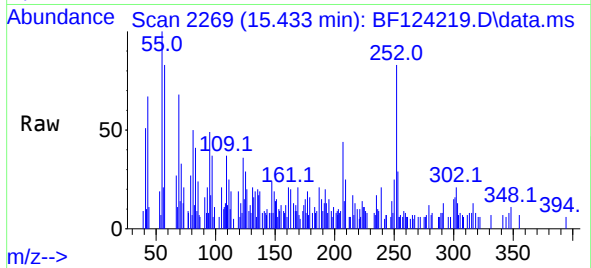
Tgt Ion:252 Resp: 8383
Ion Ratio Lower Upper
252 100
253 36.0 18.1 27.1#
125 27.3 6.2 9.4#





#90
Benzo(a)pyrene
Concen: 2.079 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59

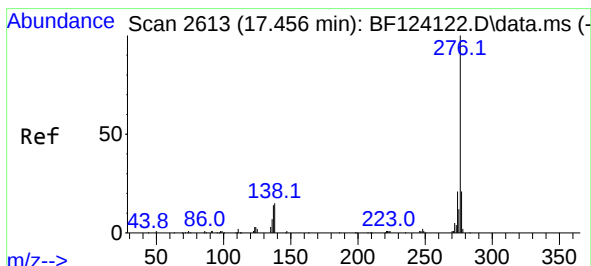
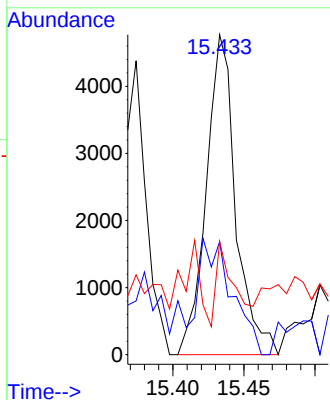
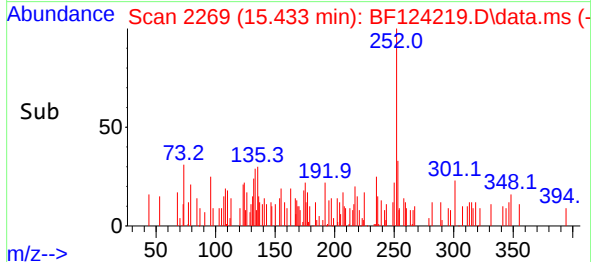
Instrument :
BNA_F
ClientSampleId :
HD-02-060721



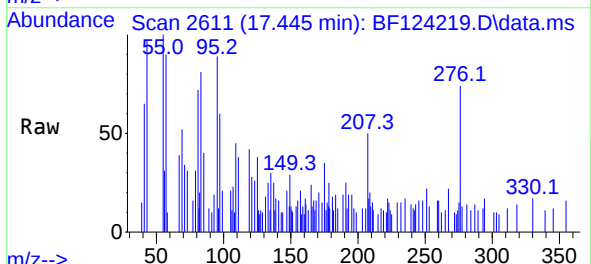
Tgt Ion:252 Resp: 6894
Ion Ratio Lower Upper
252 100
253 35.4 18.4 27.6#
125 35.4 8.0 12.0#

Manual Integrations
APPROVED

mohammad
6/11/2021 1:28:56 PM



#92
Benzo(g,h,i)perylene
Concen: 5.142 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.012 min
Lab File: BF124219.D
Acq: 9 Jun 2021 20:59



Tgt Ion:276 Resp: 4995
Ion Ratio Lower Upper
276 100
277 17.2 18.2 27.2#
138 15.0 13.8 20.6

