

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
 Data File : BN015932.D
 Acq On : 18 Aug 2021 12:00
 Operator : CG/JU
 Sample : M3364-19
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBKC6

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Quant Time: Aug 18 12:42:22 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 17 09:43:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	277854	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	1143599	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.545	164	725879	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	1386804	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1404328	20.000	ng/ul	0.00
88) Perylene-d12	23.910	264	1412080	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	45968	6.444	ng/uL	-0.01
4) Pyridine-d5	3.746	84	203215	10.194	ng/ul	0.00
7) Phenol-d5	7.057	99	196653	7.824	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	469914	30.367	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	492162	27.519	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	360063	18.419	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	307193	36.497	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	322158	40.896	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	570367	33.459	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	726503	27.998	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	2096441	39.408	ng/ul	0.00
49) Acenaphthylene-d8	14.239	160	2428916	36.458	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	57728	6.135	ng/ul	0.00
60) Fluorene-d10	15.539	176	1732919	37.345	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	205031	27.683	ng/ul	0.00
73) Anthracene-d10	17.398	188	2674099	41.139	ng/ul	0.00
81) Pyrene-d10	19.692	212	3099762	40.980	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.751	264	3089424	40.464	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.269	152	77425	1.223	ng/ul#	93
52) Acenaphthene	14.610	153	504991	11.024	ng/ul	99
56) Dibenzofuran	14.945	168	554801	8.760	ng/ul	99
61) Fluorene	15.598	166	893648	17.292	ng/ul	97
71) Pentachlorophenol	16.945	266	111101	11.388	ng/ul	97
72) Phenanthrene	17.339	178	2772633	36.777	ng/ul	99
74) Anthracene	17.433	178	527099	6.848	ng/ul	99
77) Carbazole	17.698	167	156137	2.307	ng/ul	96
80) Fluoranthene	19.363	202	4321491	47.220	ng/ul	97
82) Pyrene	19.722	202	2991800	31.410	ng/ul	96
85) Benzo(a)anthracene	21.468	228	610904	6.761	ng/ul	97
87) Chrysene	21.521	228	792782	9.062	ng/ul	98
90) Benzo(b)fluoranthene	23.168	252	602229	6.487	ng/ul	95
91) Benzo(k)fluoranthene	23.210	252	179540m	1.942	ng/ul	
93) Benzo(a)pyrene	23.804	252	212700	2.531	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.409	276	149889	1.438	ng/ul	96
96) Benzo(g,h,i)perylene	27.180	276	132764	1.541	ng/ul	95

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

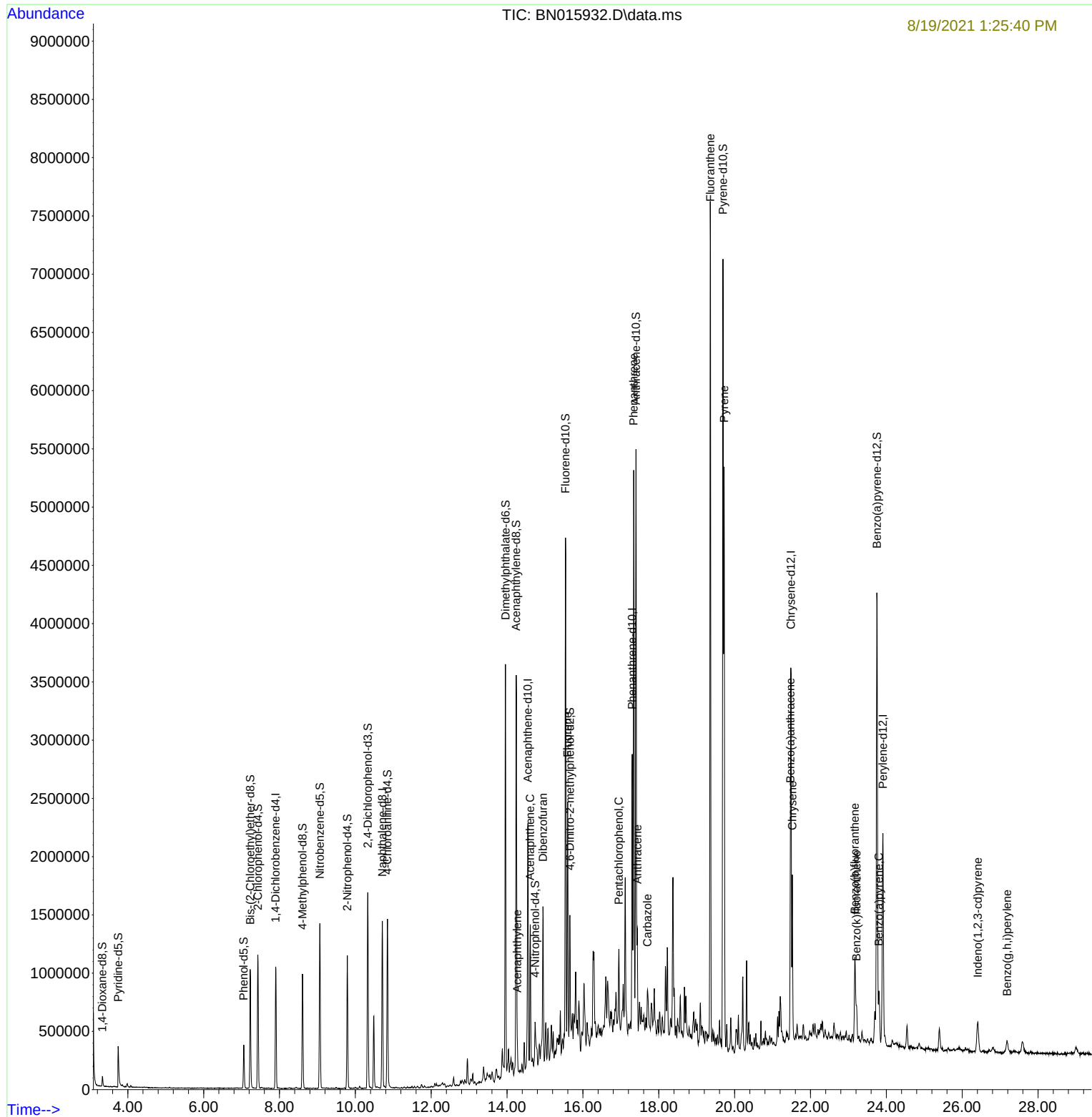
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Acq On : 18 Aug 2021 12:00
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ALS Vial : 37 Sample Multiplier: 1

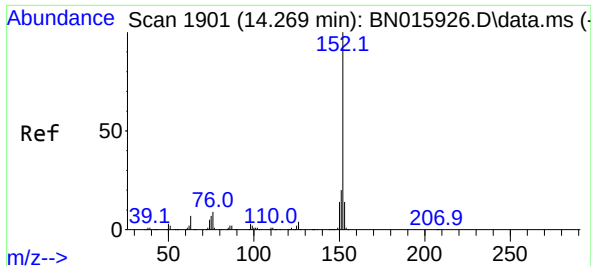
Instrument :
BNA_N
ClientSampleId :
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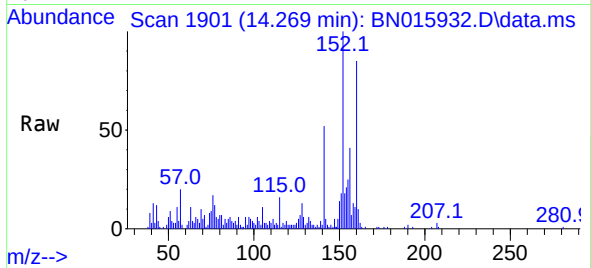
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Quant Time: Aug 18 12:42:22 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

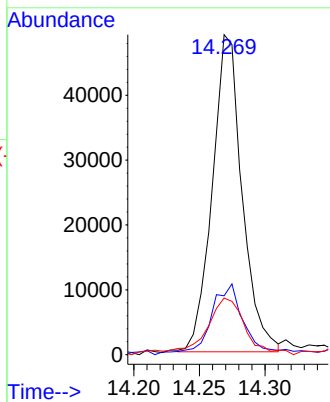
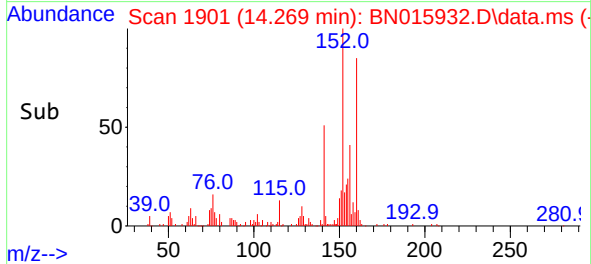




#50
Acenaphthylene
Concen: 1.223 ng/ul
RT: 14.269 min Scan# 1901
Delta R.T. -0.000 min
Lab File: BN015932.D
Acq: 18 Aug 2021 12:00



Tgt Ion:152 Resp: 77425
Ion Ratio Lower Upper
152 100
151 18.4 16.2 24.2
153 17.7 10.3 15.5#

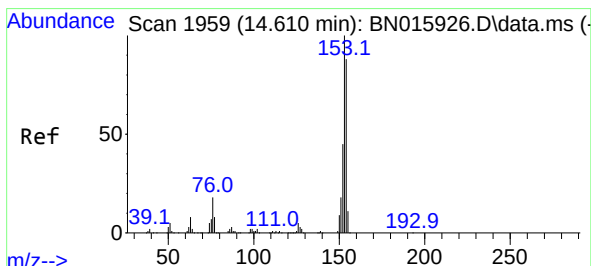


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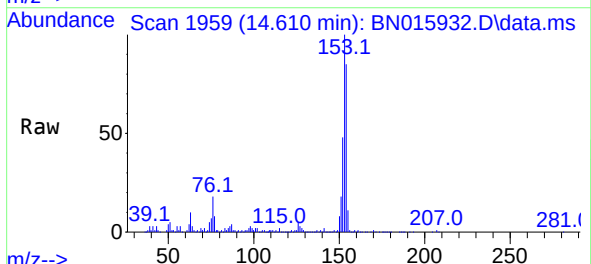
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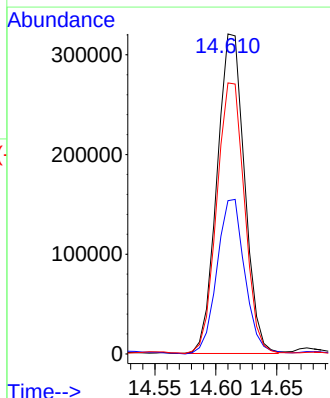
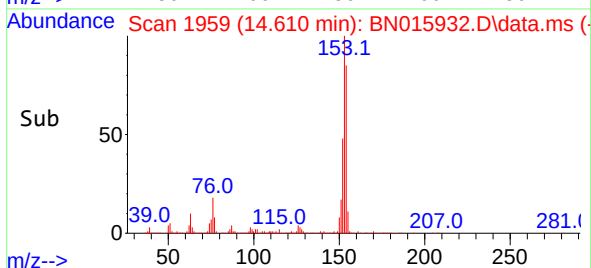
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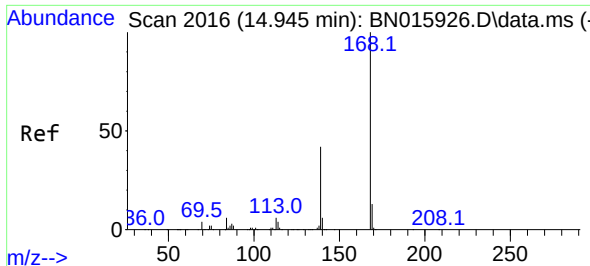


#52
Acenaphthene
Concen: 11.024 ng/ul
RT: 14.610 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BN015932.D
Acq: 18 Aug 2021 12:00



Tgt Ion:153 Resp: 504991
Ion Ratio Lower Upper
153 100
152 47.9 38.6 57.8
154 84.7 69.3 103.9





#56
Dibenzenofuran
Concen: 8.760 ng/ul
RT: 14.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BN015932.D
Acq: 18 Aug 2021 12:00

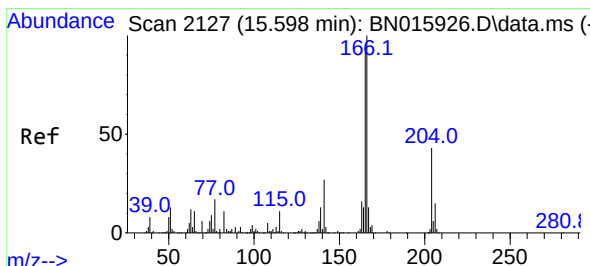
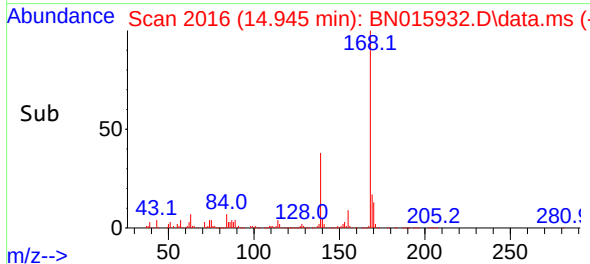
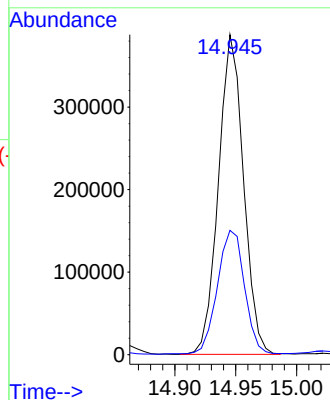
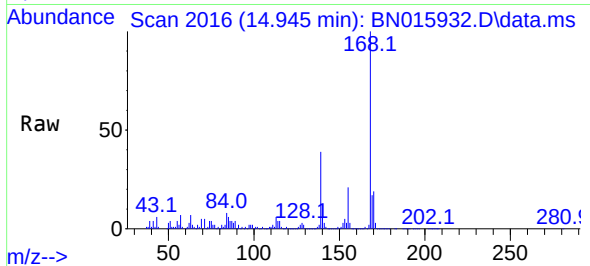
Tgt Ion:168 Resp: 554801
Ion Ratio Lower Upper
168 100
139 38.9 31.8 47.6

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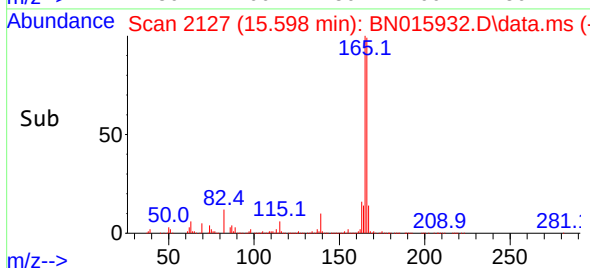
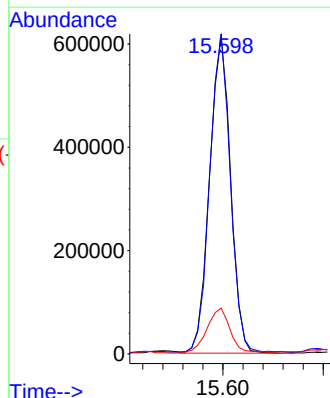
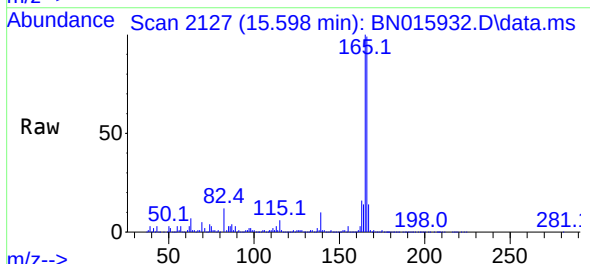
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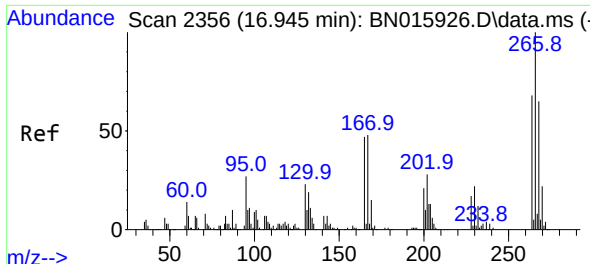
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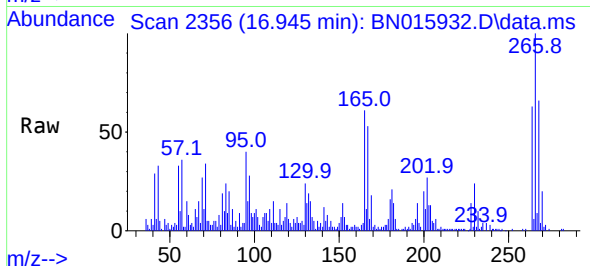
#61
Fluorene
Concen: 17.292 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BN015932.D
Acq: 18 Aug 2021 12:00

Tgt Ion:166 Resp: 893648
Ion Ratio Lower Upper
166 100
165 100.8 78.4 117.6
167 14.4 10.8 16.2

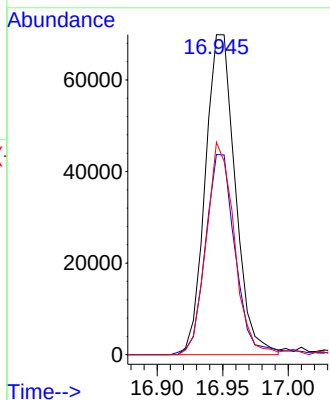
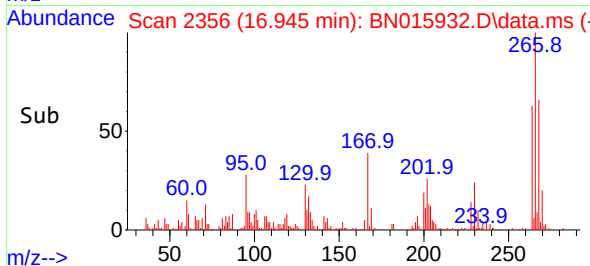




#71
Pentachlorophenol
Concen: 11.388 ng/ul
RT: 16.945 min Scan# 2356
Delta R.T. -0.000 min
Lab File: BN015932.D
Acq: 18 Aug 2021 12:00



Tgt Ion:266 Resp: 111101
Ion Ratio Lower Upper
266 100
264 62.6 53.8 80.6
268 66.4 52.7 79.1

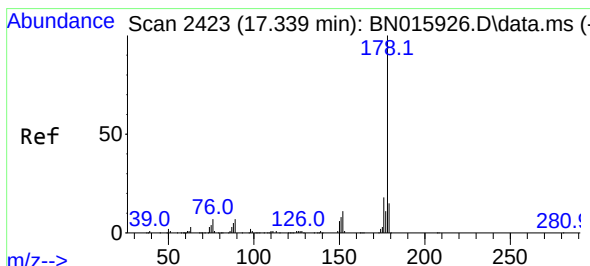


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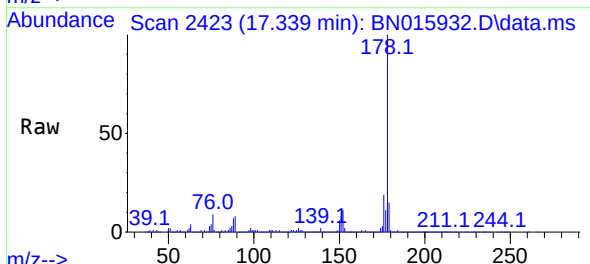
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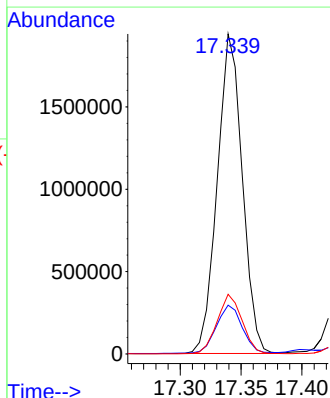
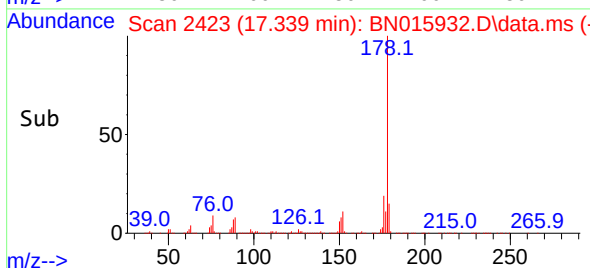
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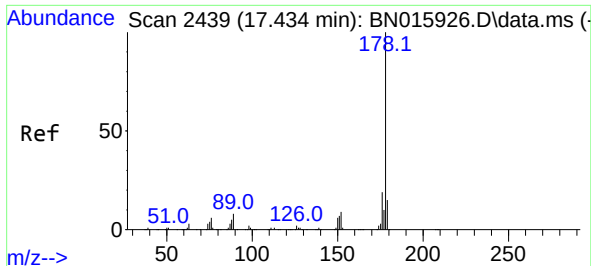


#72
Phenanthrene
Concen: 36.777 ng/ul
RT: 17.339 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BN015932.D
Acq: 18 Aug 2021 12:00



Tgt Ion:178 Resp: 2772633
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 18.7 14.6 21.8





#74
 Anthracene
 Concen: 6.848 ng/u1
 RT: 17.433 min Scan# 2439
 Delta R.T. -0.000 min
 Lab File: BN015932.D
 Acq: 18 Aug 2021 12:00

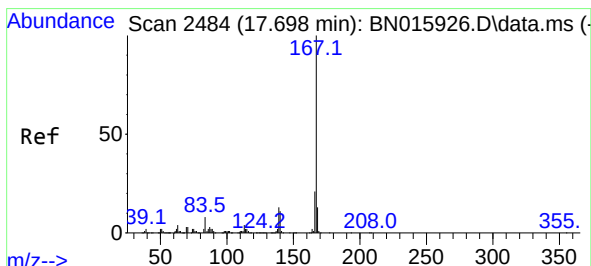
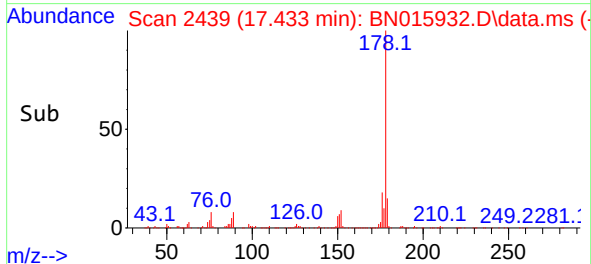
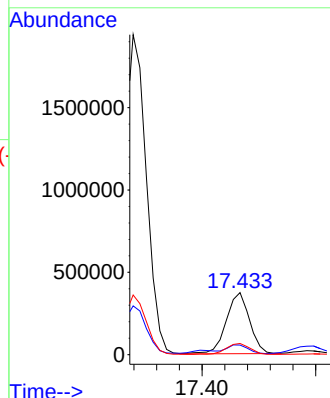
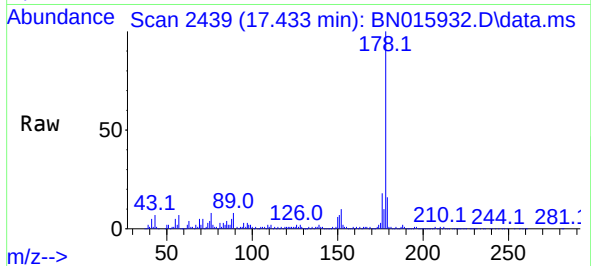
Tgt Ion:178 Resp: 527099
 Ion Ratio Lower Upper
 178 100
 179 15.5 11.6 17.4
 176 18.0 14.4 21.6

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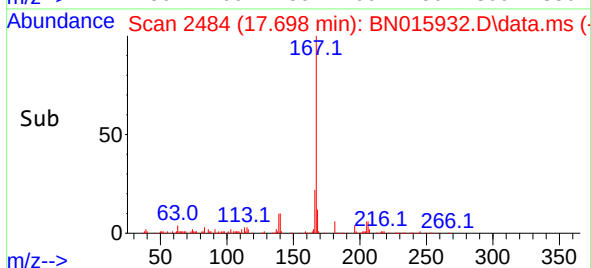
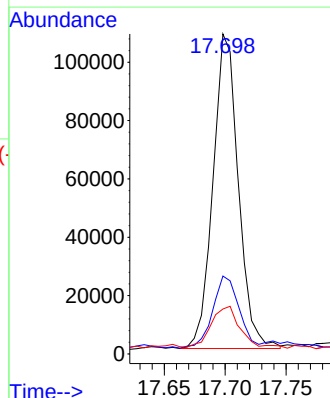
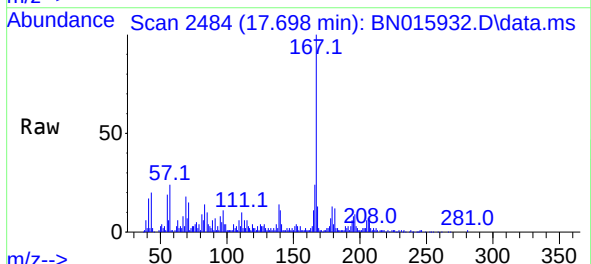
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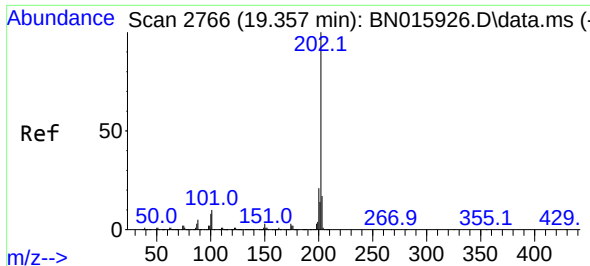
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#77
 Carbazole
 Concen: 2.307 ng/u1
 RT: 17.698 min Scan# 2484
 Delta R.T. -0.000 min
 Lab File: BN015932.D
 Acq: 18 Aug 2021 12:00

Tgt Ion:167 Resp: 156137
 Ion Ratio Lower Upper
 167 100
 166 24.3 17.1 25.7
 139 14.1 11.6 17.4





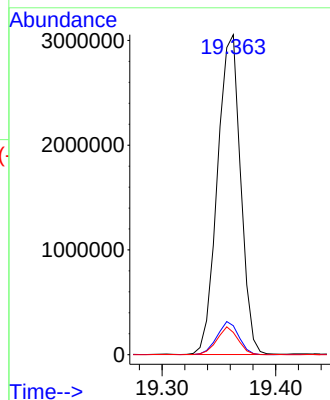
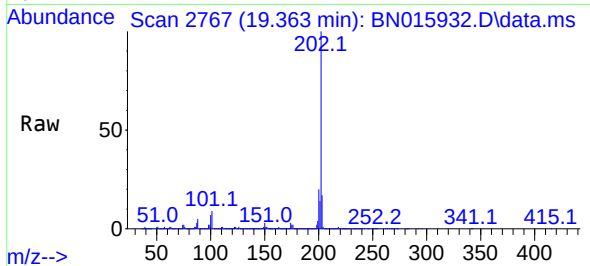
#80
Fluoranthene
Concen: 47.220 ng/ul
RT: 19.363 min Scan# 2767
Delta R.T. 0.006 min
Lab File: BN015932.D
Acq: 18 Aug 2021 12:00

Tgt Ion:202 Resp: 4321491
Ion Ratio Lower Upper
202 100
101 9.1 8.0 12.0
100 7.0 6.7 10.1

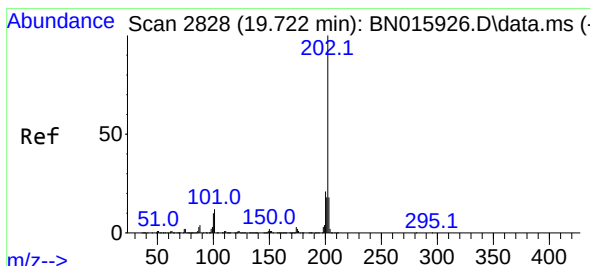
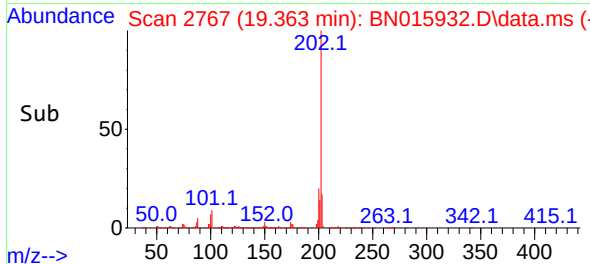
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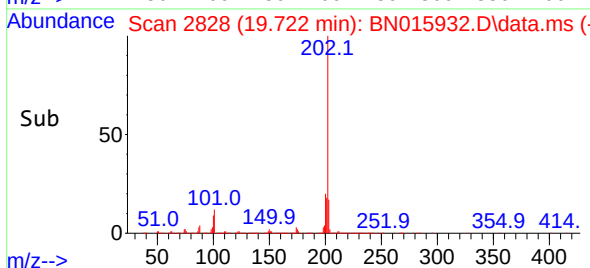
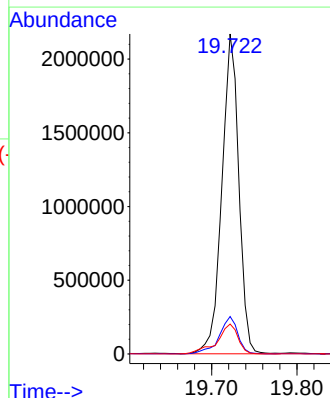
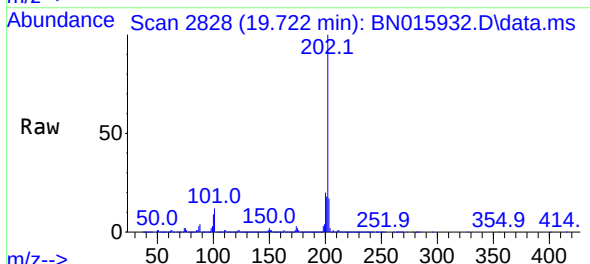


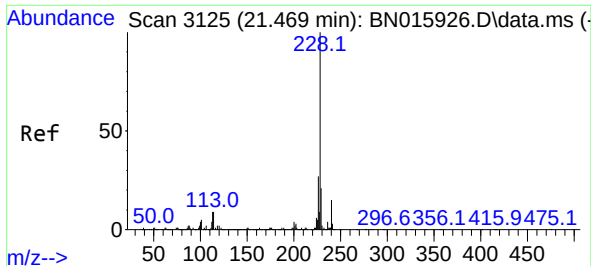
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#82
Pyrene
Concen: 31.410 ng/ul
RT: 19.722 min Scan# 2828
Delta R.T. -0.000 min
Lab File: BN015932.D
Acq: 18 Aug 2021 12:00

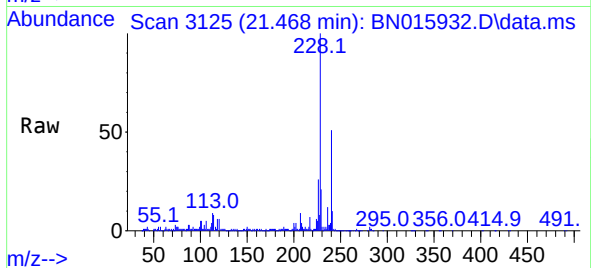
Tgt Ion:202 Resp: 2991800
Ion Ratio Lower Upper
202 100
101 11.7 10.1 15.1
100 9.4 9.2 13.8





#85
Benzo(a)anthracene
Concen: 6.761 ng/ul
RT: 21.468 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BN015932.D
Acq: 18 Aug 2021 12:00

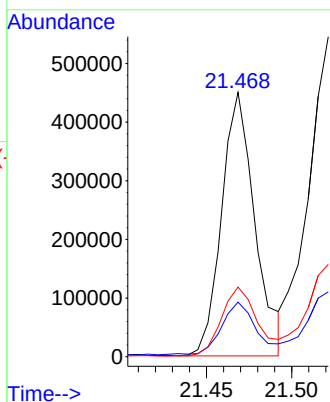
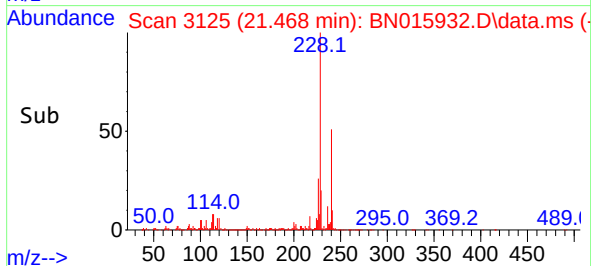
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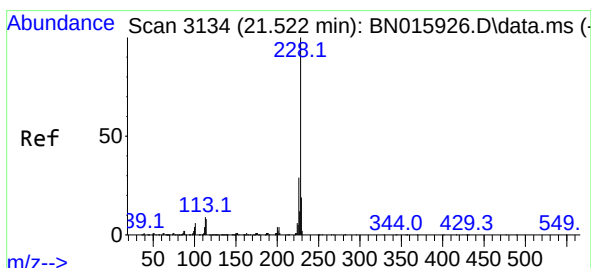
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Ion Ratio Lower Upper
228 100
229 20.6 14.5 21.7
226 26.4 20.9 31.3

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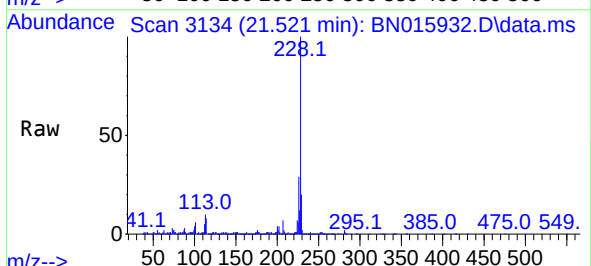
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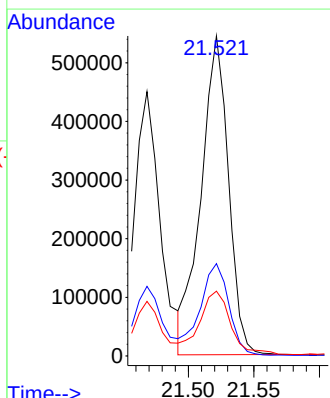
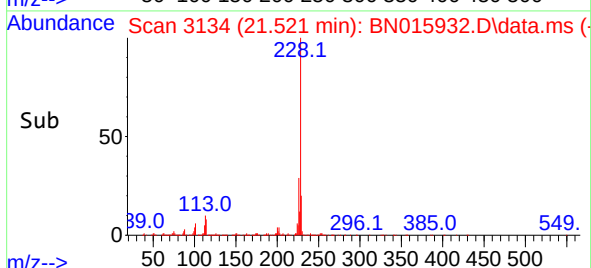
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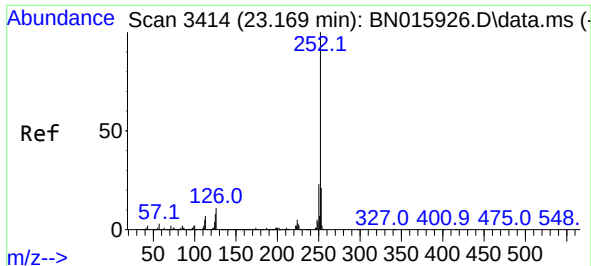


#87
Chrysene
Concen: 9.062 ng/ul
RT: 21.521 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BN015932.D
Acq: 18 Aug 2021 12:00



Tgt Ion:228 Resp: 792782
Ion Ratio Lower Upper
228 100
226 28.8 24.2 36.2
229 20.2 15.9 23.9





#90
Benzo(b)fluoranthene
Concen: 6.487 ng/ul
RT: 23.168 min Scan# 3414
Delta R.T. -0.000 min
Lab File: BN015932.D
Acq: 18 Aug 2021 12:00

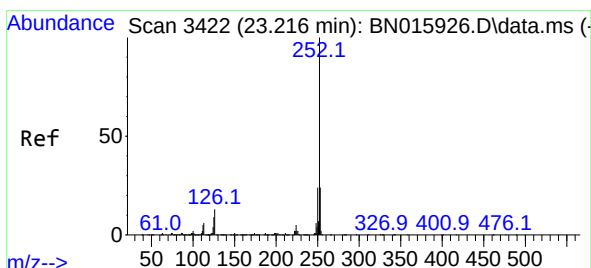
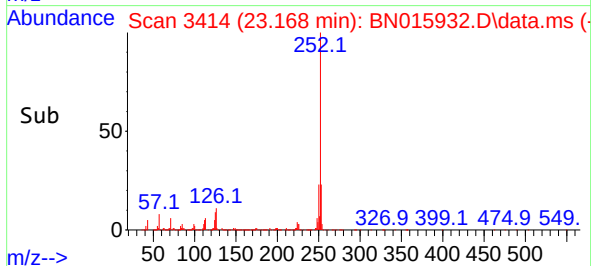
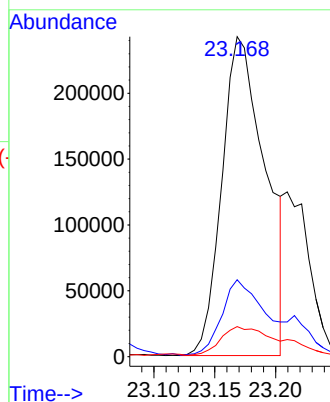
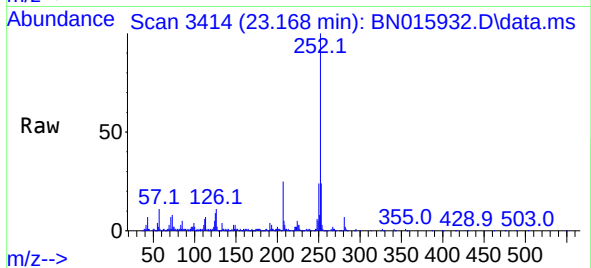
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Ion Ratio Lower Upper
252 100
253 24.0 16.6 25.0
125 9.4 7.1 10.7

Instrument :
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ClientSampleId :
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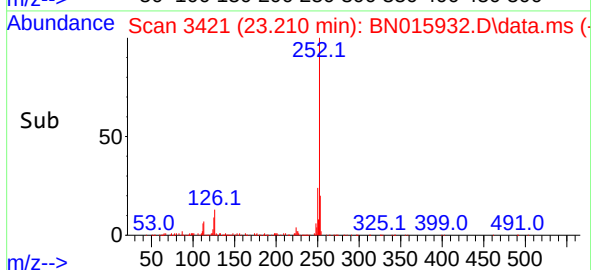
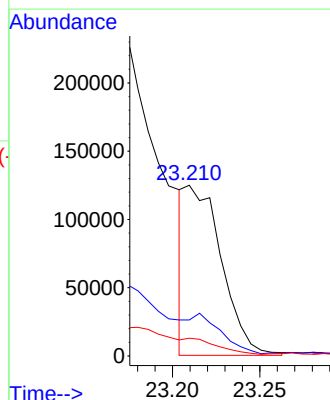
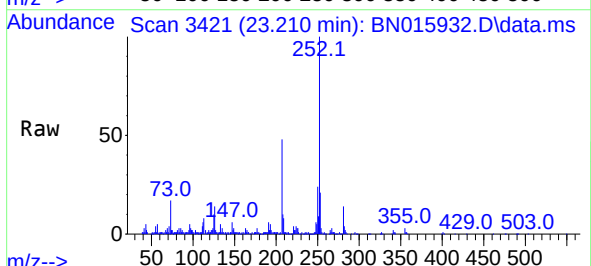
mohammad

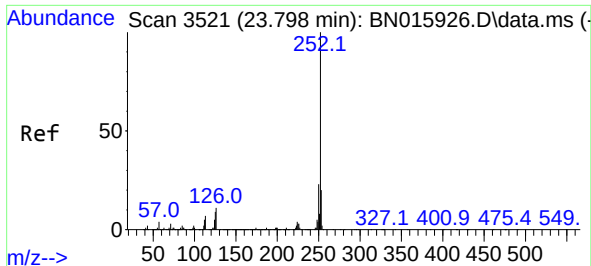
8/19/2021 1:25:40 PM



#91
Benzo(k)fluoranthene
Concen: 1.942 ng/ul m
RT: 23.210 min Scan# 3421
Delta R.T. -0.006 min
Lab File: BN015932.D
Acq: 18 Aug 2021 12:00

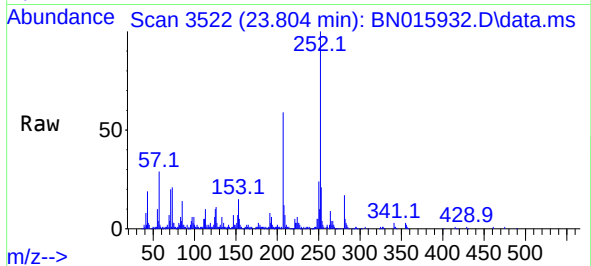
Tgt Ion:252 Resp: 179540
Ion Ratio Lower Upper
252 100
253 21.1 17.7 26.5
125 10.4 7.0 10.6





#93
Benzo(a)pyrene
Concen: 2.531 ng/ul
RT: 23.804 min Scan# 3522
Delta R.T. 0.006 min
Lab File: BN015932.D
Acq: 18 Aug 2021 12:00

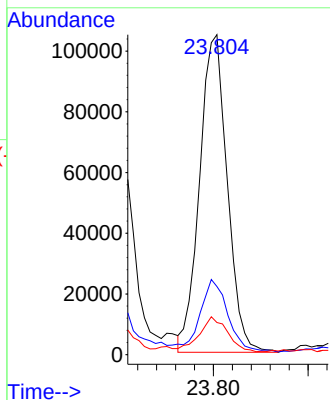
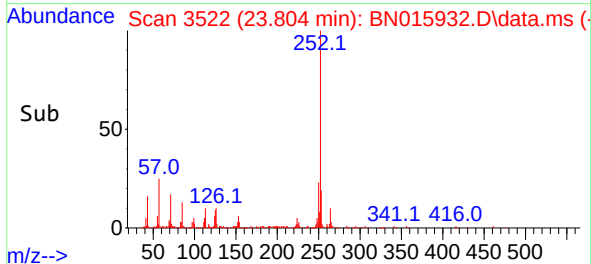
Instrument :
BNA_N
ClientSampled :
DBKC6



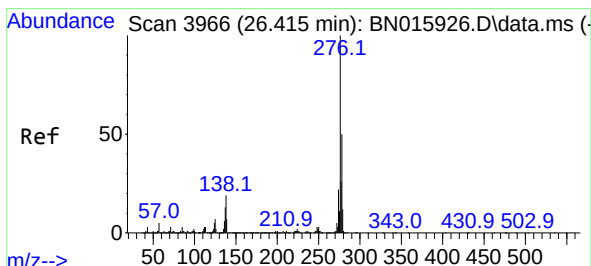
Tgt Ion:252 Resp: 212700
Ion Ratio Lower Upper
252 100
253 21.3 18.0 27.0
125 10.0 7.2 10.8

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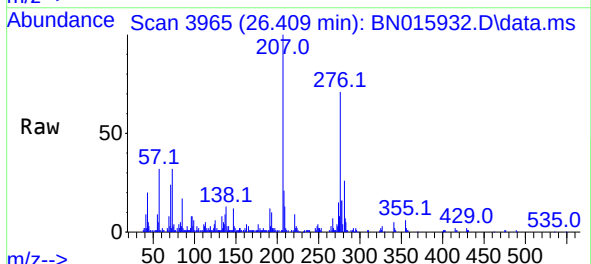
mohammad



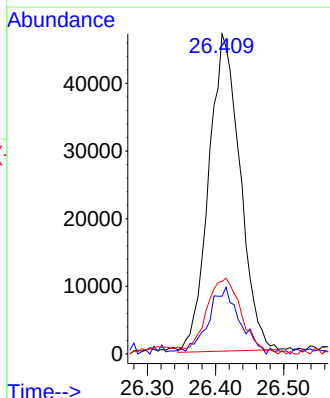
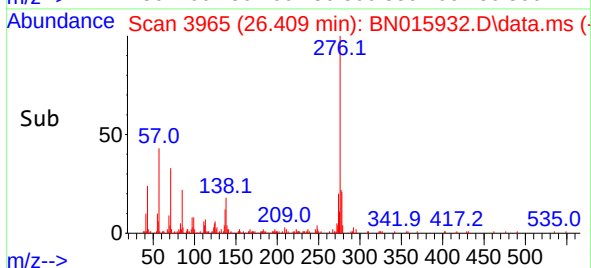
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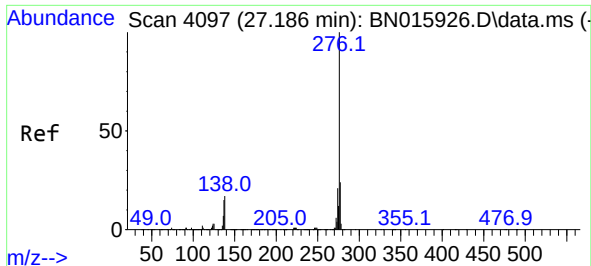


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.438 ng/ul
RT: 26.409 min Scan# 3965
Delta R.T. -0.012 min
Lab File: BN015932.D
Acq: 18 Aug 2021 12:00

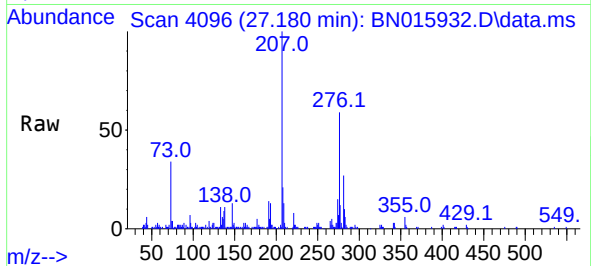


Tgt Ion:276 Resp: 149889
Ion Ratio Lower Upper
276 100
138 18.0 15.9 23.9
277 22.6 19.5 29.3



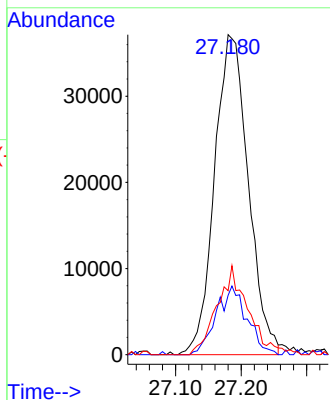
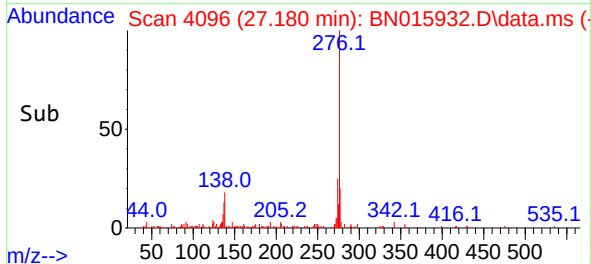


#96
Benzo(g,h,i)perylene
Concen: 1.541 ng/ul
RT: 27.180 min Scan# 4096
Delta R.T. -0.012 min
Lab File: BN015932.D
Acq: 18 Aug 2021 12:00



Tgt Ion: 276 Resp: 132764

Ion	Ratio	Lower	Upper
276	100		
138	18.5	13.4	20.0
277	20.0	18.5	27.7



Instrument :
BNA_N
ClientSampleId :
DBKC6

Manual Integrations
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mohammad

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