

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
 Data File : BN015969.D
 Acq On : 19 Aug 2021 12:50
 Operator : CG/JU
 Sample : M3399-05DL 300X
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBKA7DL

Manual Integrations
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Quant Time: Aug 19 13:23:41 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	262202	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	1077455	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	673460	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	1408530	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1455692	20.000	ng/ul	0.00
88) Perylene-d12	23.916	264	1443147	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.058	99	282	0.012	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	2060	0.141	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	1402m	0.083	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	1054	0.057	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	1743m	0.220	ng/ul	0.00
24) 2-Nitrophenol-d4	9.793	143	588	0.079	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	2288	0.142	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	5164	0.211	ng/ul	-0.02
46) Dimethylphthalate-d6	13.957	166	8085	0.164	ng/ul	0.00
49) Acenaphthylene-d8	14.240	160	8354	0.135	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.545	176	7590	0.176	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	1433	0.191	ng/ul	0.01
73) Anthracene-d10	17.392	188	20288m	0.307	ng/ul	0.00
81) Pyrene-d10	19.692	212	19368	0.247	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.757	264	13019	0.167	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.758	128	1635420	28.340	ng/ul	98
36) 2-Methylnaphthalene	12.375	142	700737	17.462	ng/ul	98
37) 1-Methylnaphthalene	12.593	142	351524	8.801	ng/ul	100
43) 1,1'-Biphenyl	13.387	154	219259	4.210	ng/ul	95
52) Acenaphthene	14.616	153	830662	19.545	ng/ul	98
56) Dibenzofuran	14.946	168	702371	11.954	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.175	232	25409m	2.361	ng/ul	
61) Fluorene	15.598	166	616215	12.852	ng/ul	99
71) Pentachlorophenol	16.945	266	145491	14.683	ng/ul	95
72) Phenanthrene	17.340	178	2743008	35.823	ng/ul	97
74) Anthracene	17.434	178	276091	3.532	ng/ul	98
77) Carbazole	17.704	167	218691	3.182	ng/ul	96
80) Fluoranthene	19.357	202	1640949	17.298	ng/ul	99
82) Pyrene	19.722	202	1171763	11.868	ng/ul#	96
85) Benzo(a)anthracene	21.475	228	302852	3.233	ng/ul	96
87) Chrysene	21.528	228	241471	2.663	ng/ul	97
90) Benzo(b)fluoranthene	23.174	252	184006	1.939	ng/ul#	95
93) Benzo(a)pyrene	23.804	252	96511	1.124	ng/ul	94

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

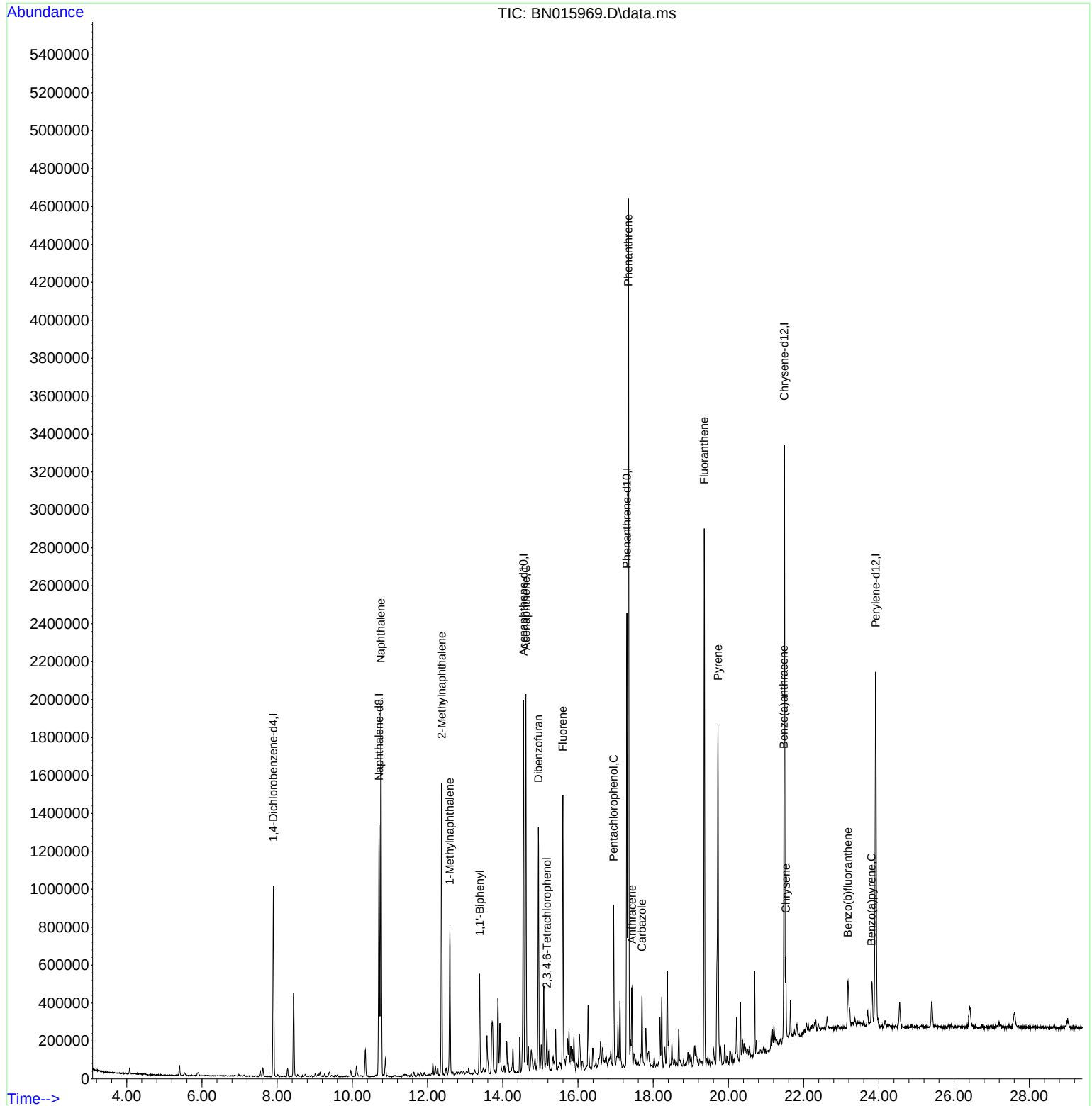
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015969.D
Acq On : 19 Aug 2021 12:50
Operator : CG/JU
Sample : M3399-05DL 300X
Misc :
ALS Vial : 76 Sample Multiplier: 1

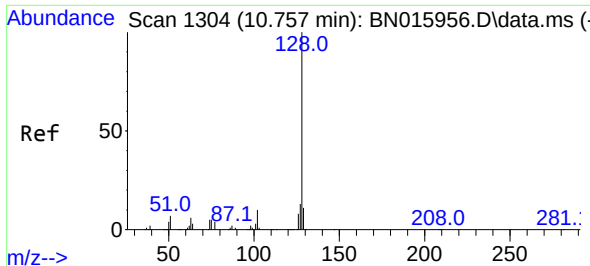
Instrument :
BNA_N
ClientSampleId :
DBKA7DL

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Quant Time: Aug 19 13:23:41 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





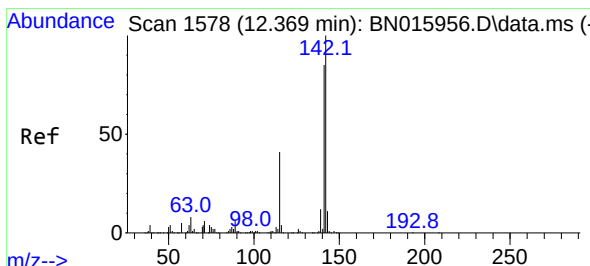
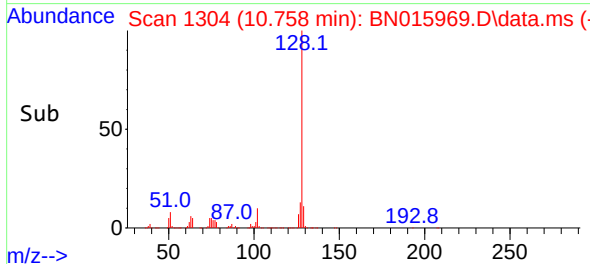
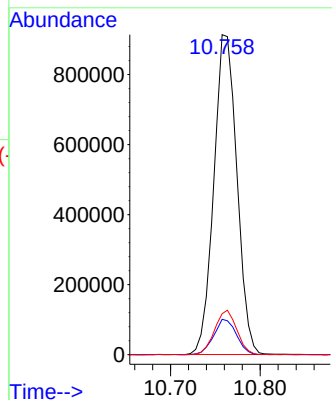
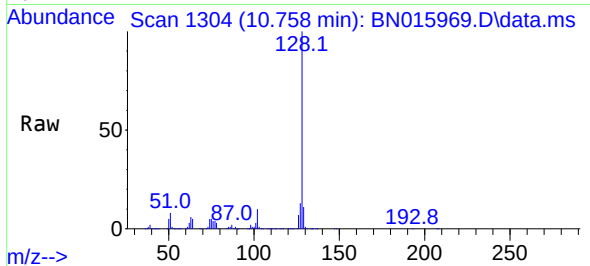
#30
Naphthalene
Concen: 28.340 ng/u1
RT: 10.758 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BN015969.D
Acq: 19 Aug 2021 12:50

Tgt Ion:128 Resp: 1635420
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.8 11.1 16.7

Instrument :
BNA_N
ClientSampleId :
DBKA7DL

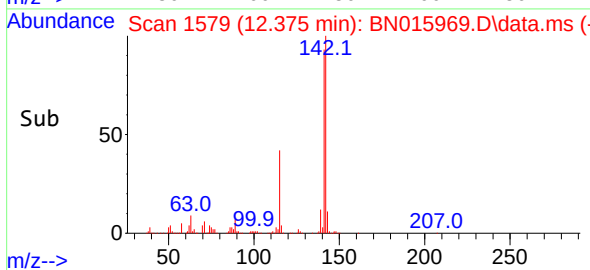
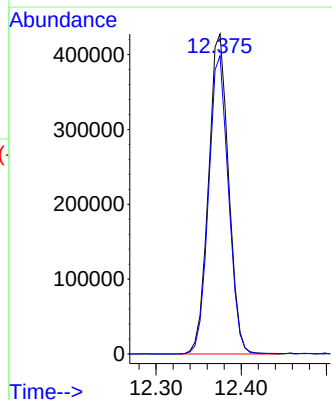
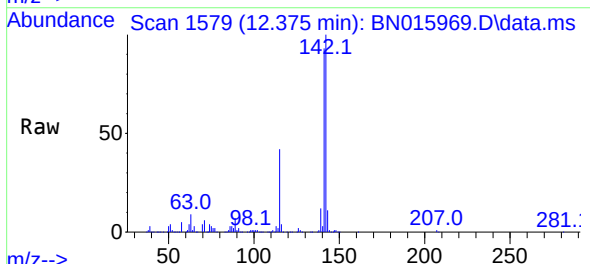
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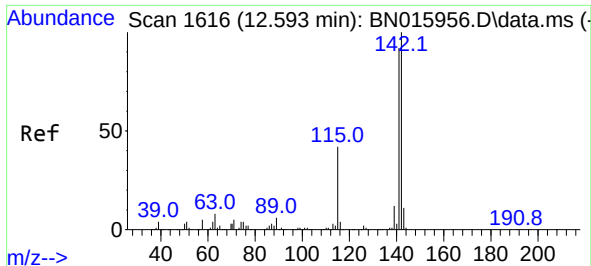
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#36
2-Methylnaphthalene
Concen: 17.462 ng/u1
RT: 12.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN015969.D
Acq: 19 Aug 2021 12:50

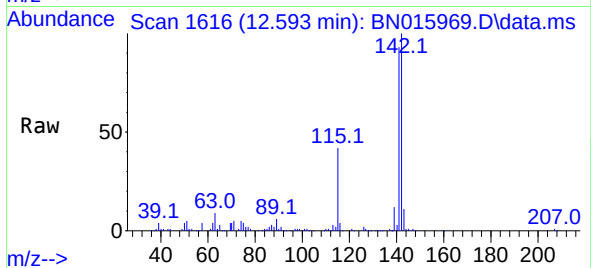
Tgt Ion:142 Resp: 700737
Ion Ratio Lower Upper
142 100
141 93.2 73.4 110.0





#37
1-Methylnaphthalene
Concen: 8.801 ng/ul
RT: 12.593 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BN015969.D
Acq: 19 Aug 2021 12:50

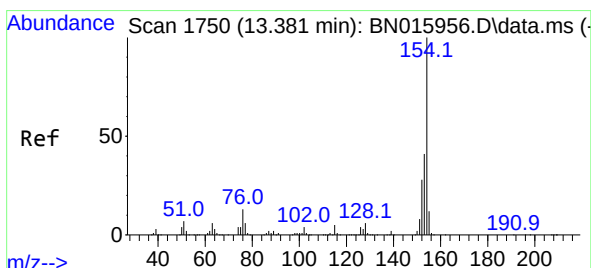
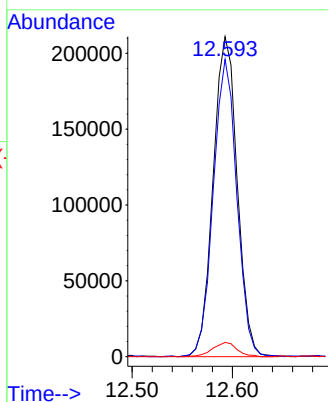
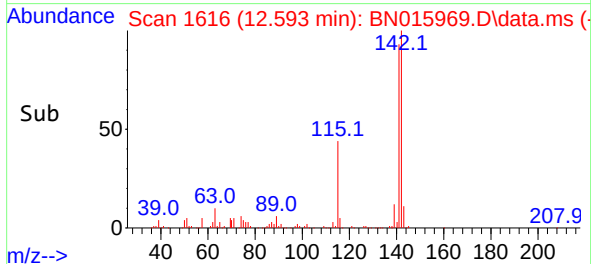
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BNA_N
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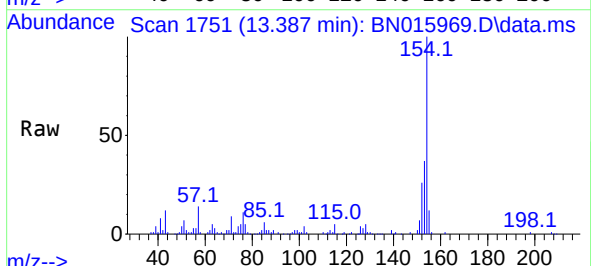
Tgt Ion:142 Resp: 351524
Ion Ratio Lower Upper
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141 92.9 74.2 111.4
116 4.5 3.4 5.0

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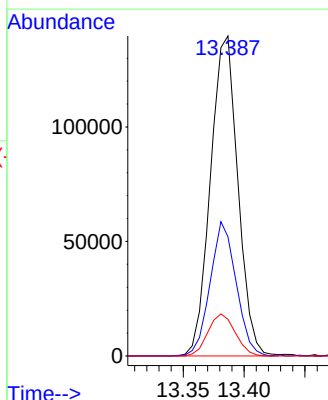
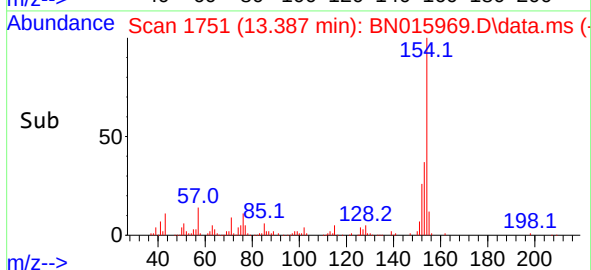
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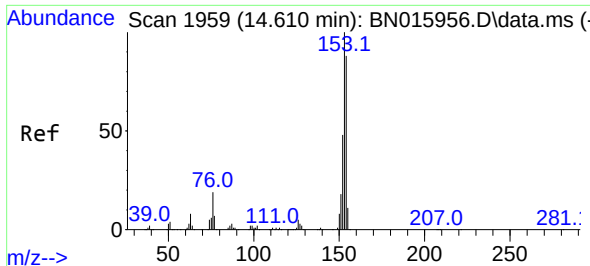


#43
1,1'-Biphenyl
Concen: 4.210 ng/ul
RT: 13.387 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BN015969.D
Acq: 19 Aug 2021 12:50



Tgt Ion:154 Resp: 219259
Ion Ratio Lower Upper
154 100
153 37.2 32.1 48.1
76 11.5 11.0 16.6





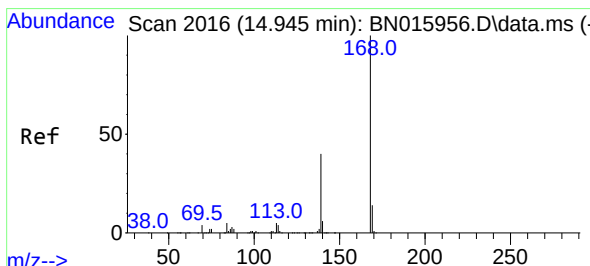
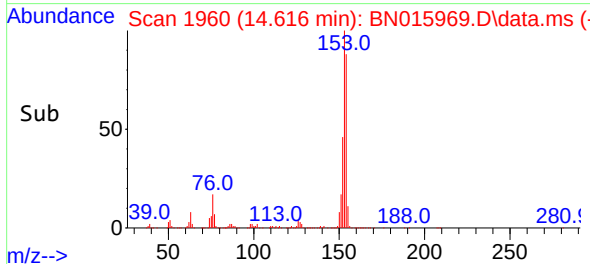
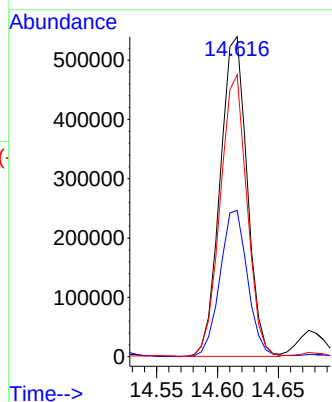
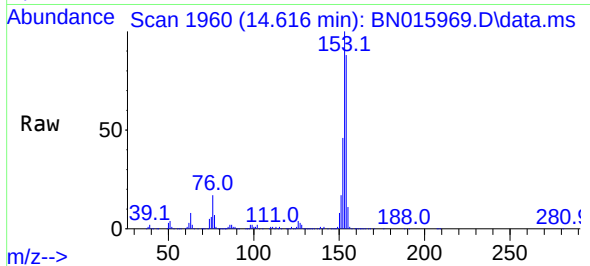
#52
Acenaphthene
Concen: 19.545 ng/ul
RT: 14.616 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BN015969.D
Acq: 19 Aug 2021 12:50

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 830662
Ion Ratio Lower Upper
153 100
152 45.7 38.6 57.8
154 88.1 69.3 103.9

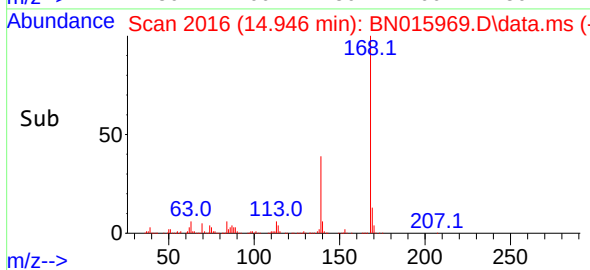
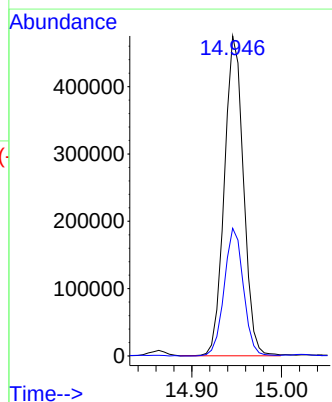
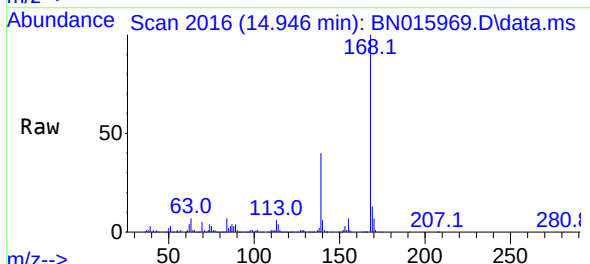
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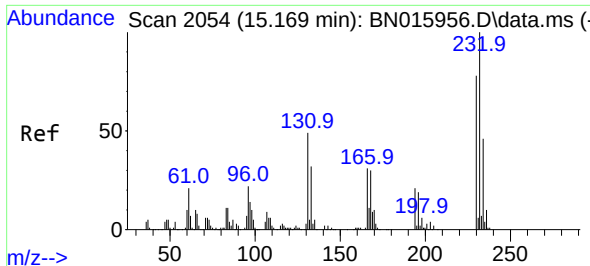
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#56
Dibenzofuran
Concen: 11.954 ng/ul
RT: 14.946 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BN015969.D
Acq: 19 Aug 2021 12:50

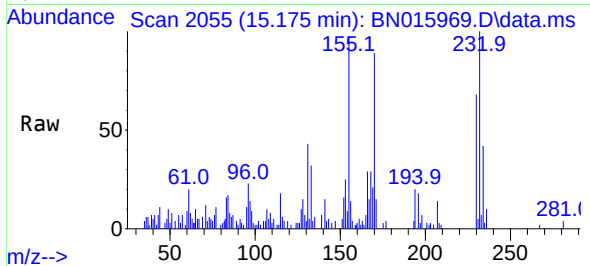
Tgt Ion:168 Resp: 702371
Ion Ratio Lower Upper
168 100
139 39.9 31.8 47.6





#58
2,3,4,6-Tetrachlorophenol
Concen: 2.361 ng/ul m
RT: 15.175 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BN015969.D
Acq: 19 Aug 2021 12:50

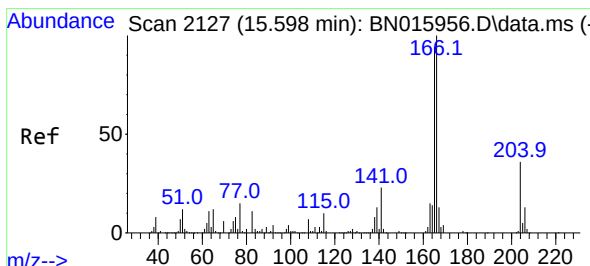
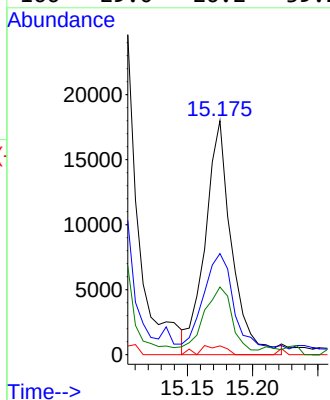
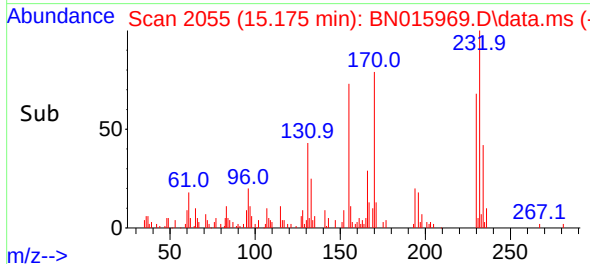
Instrument :
BNA_N
ClientSampled :
DBKA7DL



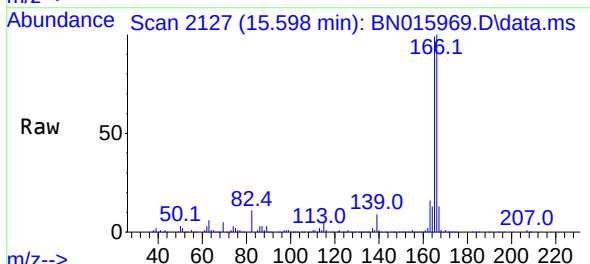
Tgt Ion:232 Resp: 25409
Ion Ratio Lower Upper
232 100
131 43.2 37.5 56.3
130 3.7 2.2 3.4#
166 29.0 26.2 39.2

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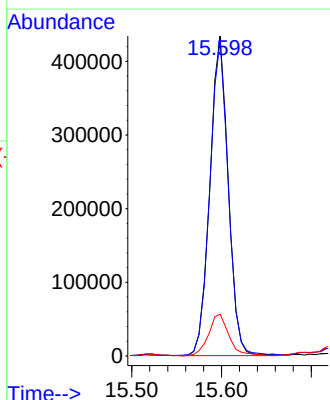
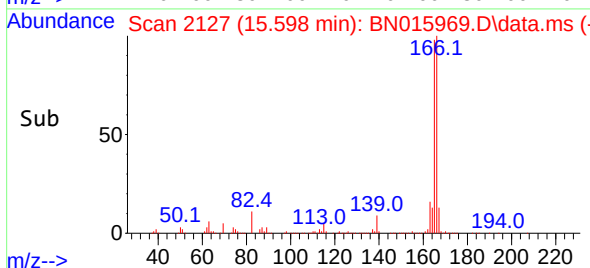
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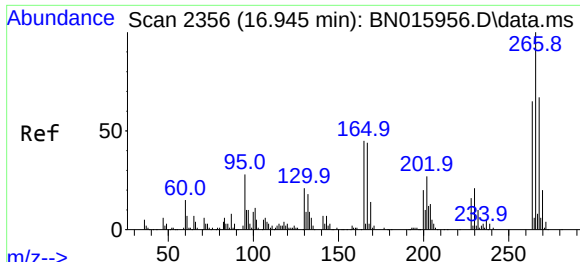


#61
Fluorene
Concen: 12.852 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BN015969.D
Acq: 19 Aug 2021 12:50

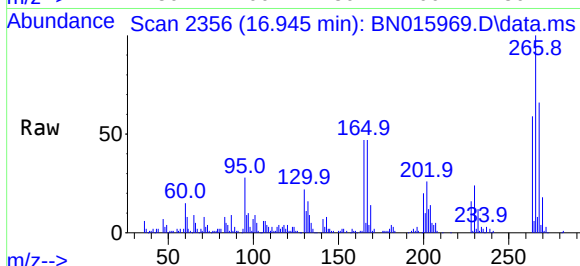


Tgt Ion:166 Resp: 616215
Ion Ratio Lower Upper
166 100
165 98.7 78.4 117.6
167 13.0 10.8 16.2

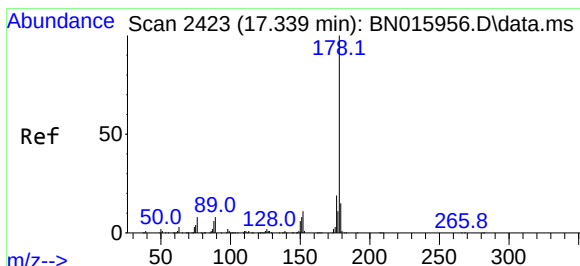
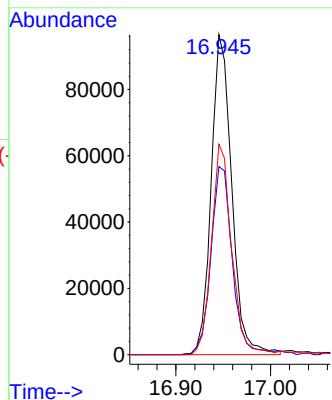
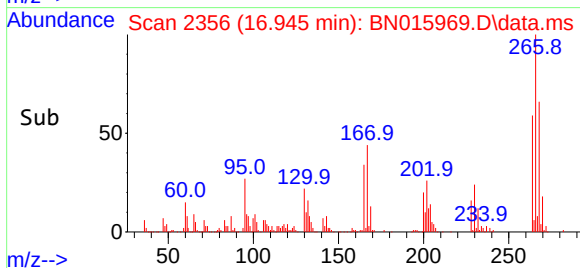




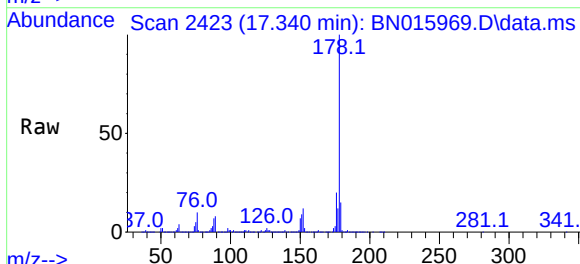
#71
Pentachlorophenol
Concen: 14.683 ng/ul
RT: 16.945 min Scan# 2356
Delta R.T. 0.000 min
Lab File: BN015969.D
Acq: 19 Aug 2021 12:50



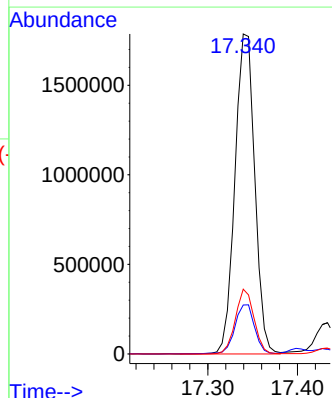
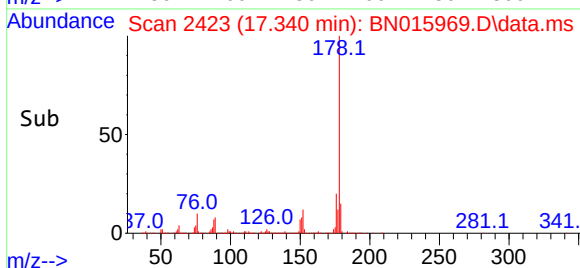
Tgt Ion:266 Resp: 145491
Ion Ratio Lower Upper
266 100
264 58.8 53.8 80.6
268 65.8 52.7 79.1



#72
Phenanthrene
Concen: 35.823 ng/ul
RT: 17.340 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BN015969.D
Acq: 19 Aug 2021 12:50



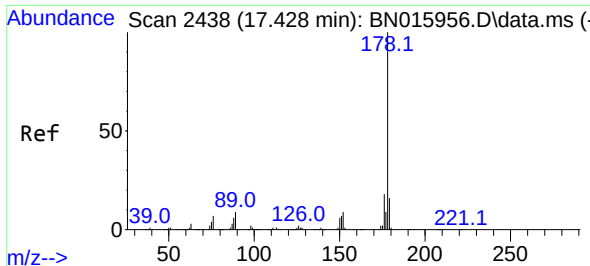
Tgt Ion:178 Resp: 2743008
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 20.3 14.6 21.8



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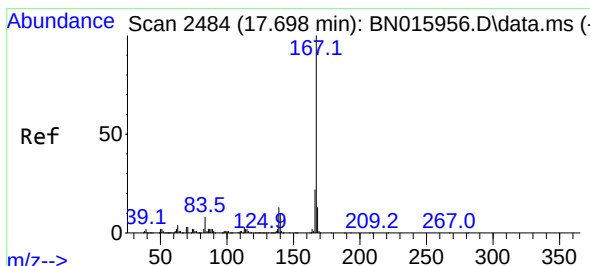
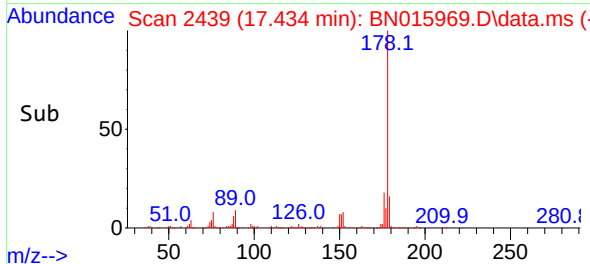
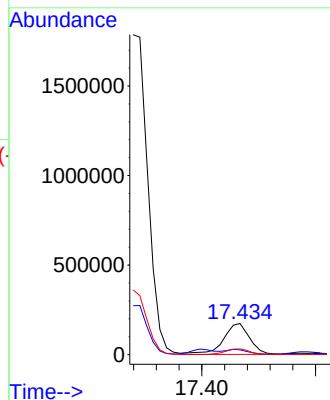
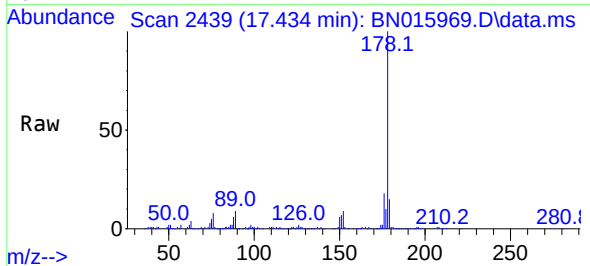
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 Anthracene
 Concen: 3.532 ng/u1
 RT: 17.434 min Scan# 2439
 Delta R.T. 0.000 min
 Lab File: BN015969.D
 Acq: 19 Aug 2021 12:50

Tgt Ion:	178	Resp:	276091
Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.6	17.4
176	18.5	14.4	21.6

Instrument :
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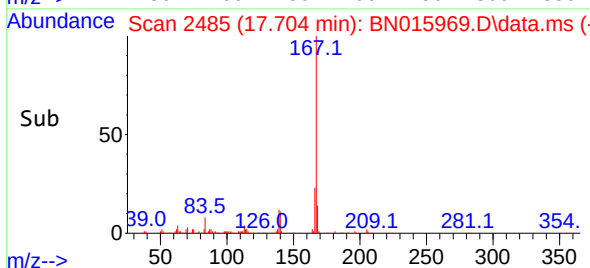
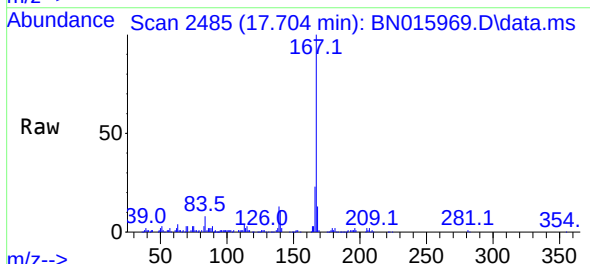
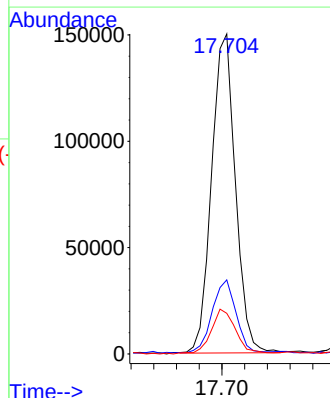
Manual Integrations
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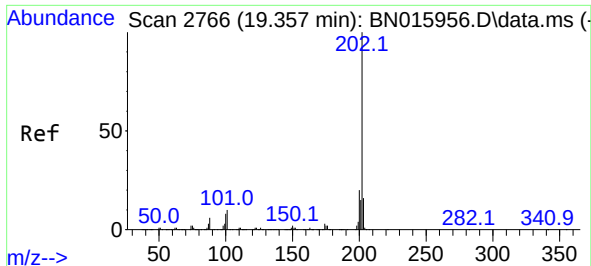
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#77
 Carbazole
 Concen: 3.182 ng/u1
 RT: 17.704 min Scan# 2485
 Delta R.T. 0.006 min
 Lab File: BN015969.D
 Acq: 19 Aug 2021 12:50

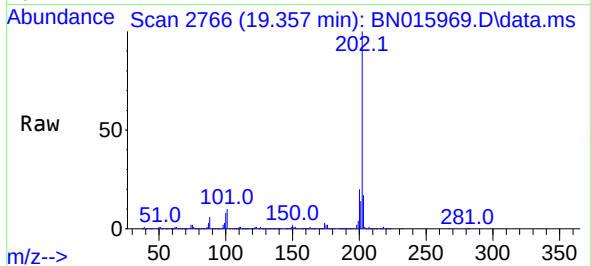
Tgt Ion:	167	Resp:	218691
Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.1	25.7
139	12.7	11.6	17.4





#80
Fluoranthene
Concen: 17.298 ng/u1
RT: 19.357 min Scan# 2766
Delta R.T. 0.000 min
Lab File: BN015969.D
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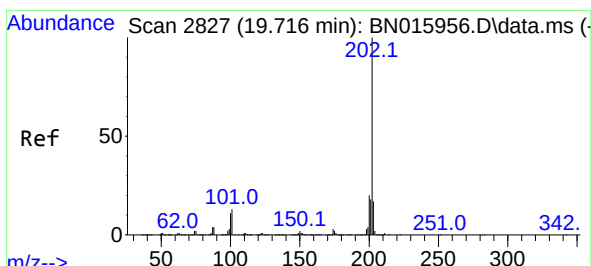
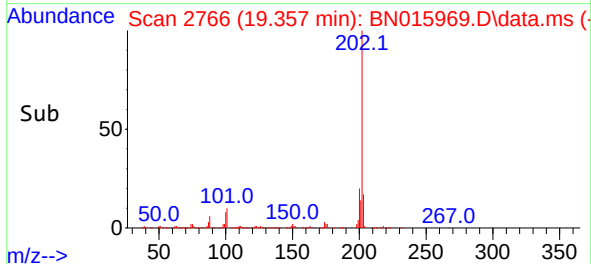
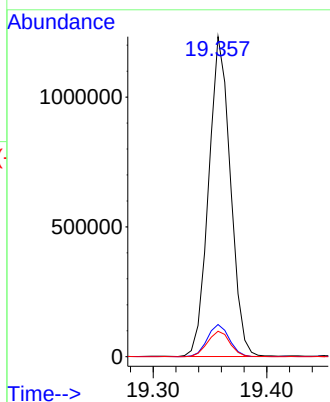
Instrument :
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ClientSampleId :
DBKA7DL



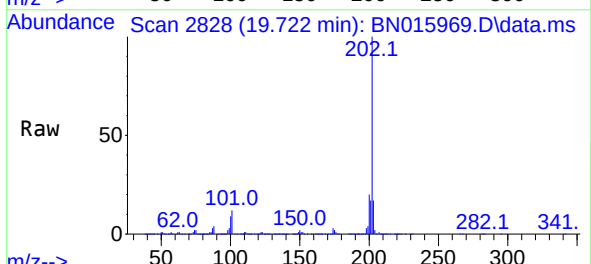
Tgt Ion:202 Resp: 1640949
Ion Ratio Lower Upper
202 100
101 10.0 8.0 12.0
100 8.0 6.7 10.1

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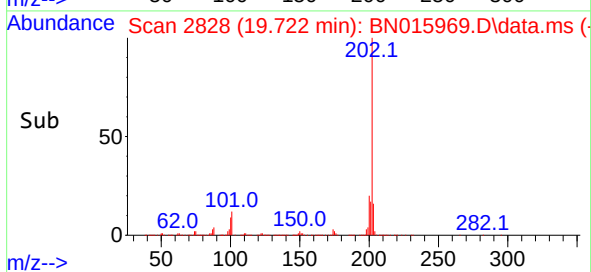
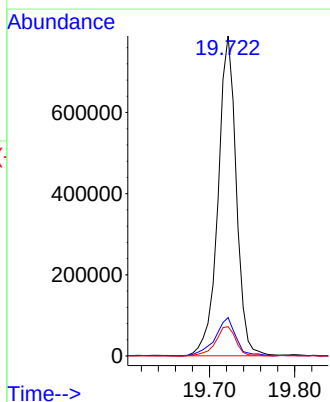
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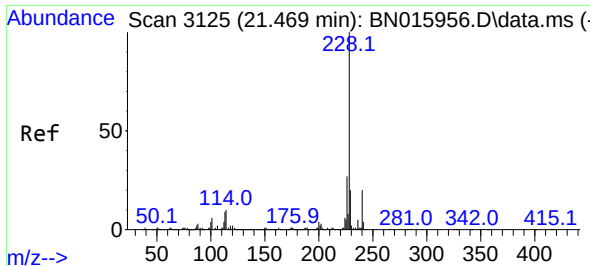


#82
Pyrene
Concen: 11.868 ng/u1
RT: 19.722 min Scan# 2828
Delta R.T. 0.000 min
Lab File: BN015969.D
Acq: 19 Aug 2021 12:50



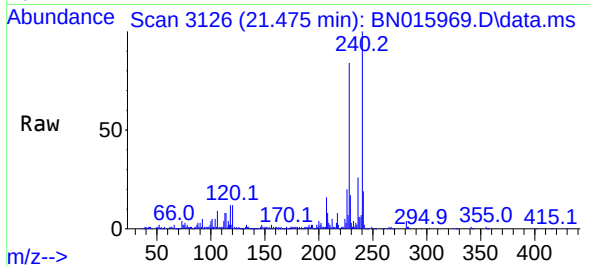
Tgt Ion:202 Resp: 1171763
Ion Ratio Lower Upper
202 100
101 12.0 10.1 15.1
100 9.1 9.2 13.8#





#85
Benzo(a)anthracene
Concen: 3.233 ng/u1
RT: 21.475 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BN015969.D
Acq: 19 Aug 2021 12:50

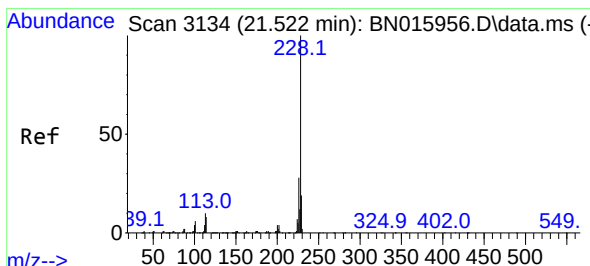
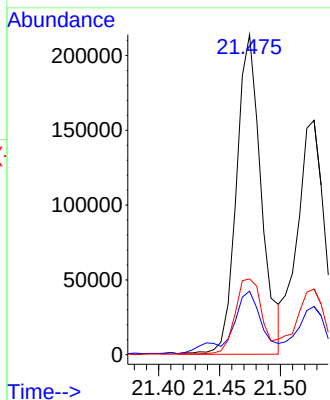
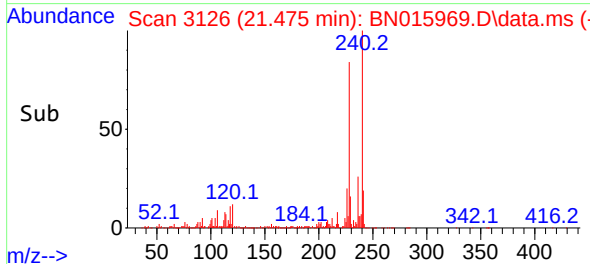
Instrument :
BNA_N
ClientSampleId :
DBKA7DL



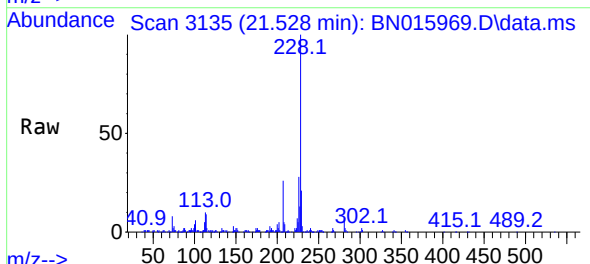
Tgt Ion:228 Resp: 302852
Ion Ratio Lower Upper
228 100
229 19.8 14.5 21.7
226 23.7 20.9 31.3

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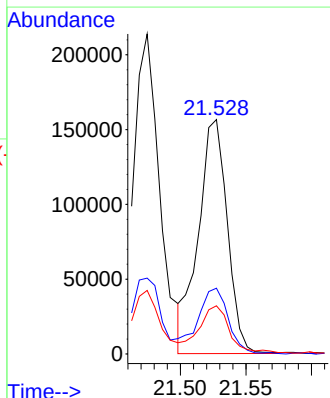
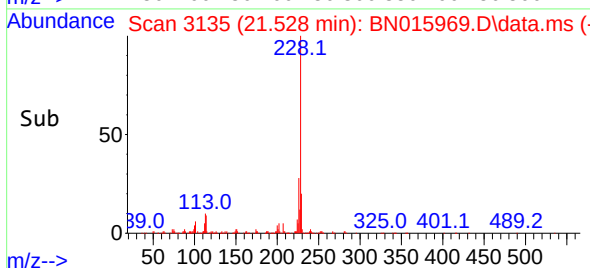
mohammad
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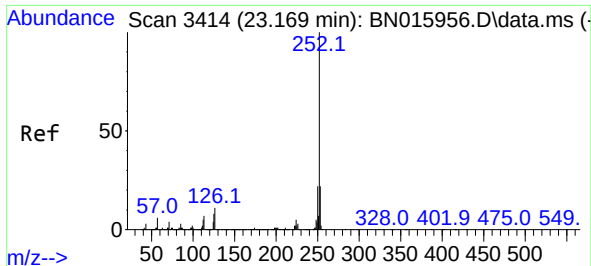


#87
Chrysene
Concen: 2.663 ng/u1
RT: 21.528 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BN015969.D
Acq: 19 Aug 2021 12:50



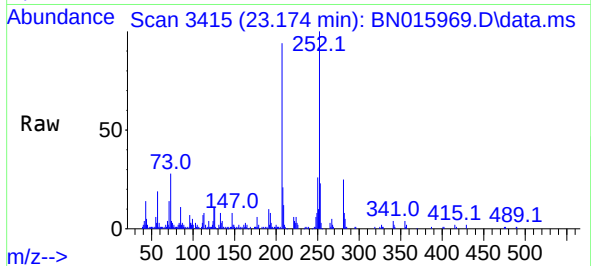
Tgt Ion:228 Resp: 241471
Ion Ratio Lower Upper
228 100
226 28.1 24.2 36.2
229 20.6 15.9 23.9





#90
Benzo(b)fluoranthene
Concen: 1.939 ng/u1
RT: 23.174 min Scan# 3415
Delta R.T. 0.006 min
Lab File: BN015969.D
Acq: 19 Aug 2021 12:50

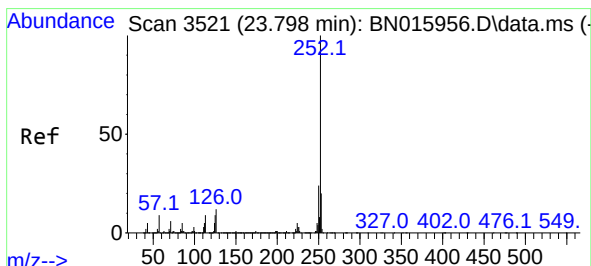
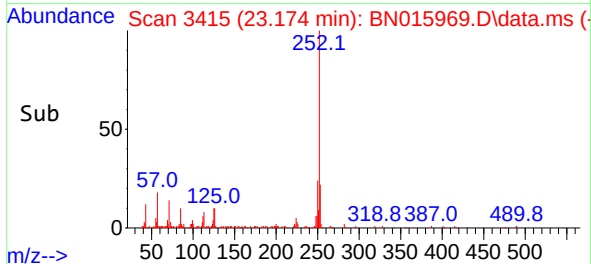
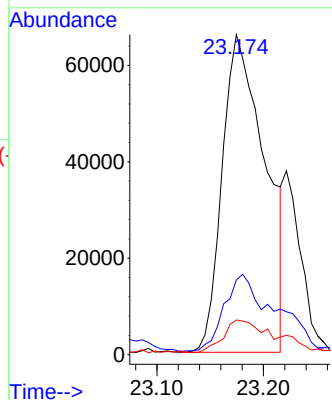
Instrument :
BNA_N
ClientSampleId :
DBKA7DL



Tgt Ion:252 Resp: 184006
Ion Ratio Lower Upper
252 100
253 23.4 16.6 25.0
125 10.8 7.1 10.7#

Manual Integrations
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#93
Benzo(a)pyrene
Concen: 1.124 ng/u1
RT: 23.804 min Scan# 3522
Delta R.T. 0.006 min
Lab File: BN015969.D
Acq: 19 Aug 2021 12:50

Tgt Ion:252 Resp: 96511
Ion Ratio Lower Upper
252 100
253 26.3 18.0 27.0
125 9.7 7.2 10.8

