

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082021\
 Data File : BN015985.D
 Acq On : 20 Aug 2021 14:15
 Operator : CG/JU
 Sample : M3399-07DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBKA9DL

Manual Integrations
 APPROVED

mohammad
 8/23/2021 4:26:00 PM

Quant Time: Aug 20 14:48:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 20 04:24:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	229634	20.000	ng/u1	0.00
20) Naphthalene-d8	10.675	136	913487	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	572960	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	1197189	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	1324577	20.000	ng/u1	0.00
88) Perylene-d12	23.851	264	1351724	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.764	84	14394m	0.874	ng/u1	0.03
7) Phenol-d5	7.034	99	9065	0.436	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	25505	1.994	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	22162	1.499	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	16308	1.009	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	16050	2.387	ng/u1	0.00
24) 2-Nitrophenol-d4	9.758	143	13997	2.224	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	26599	1.953	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	35943	1.734	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	127216	3.030	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	131725	2.505	ng/u1	0.00
54) 4-Nitrophenol-d4	14.698	143	5927	0.798	ng/u1	0.00
60) Fluorene-d10	15.504	176	106971	2.920	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	523941	81.948	ng/u1	0.01
73) Anthracene-d10	17.357	188	175943	3.135	ng/u1	0.00
81) Pyrene-d10	19.651	212	198463	2.782	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.692	264	199706	2.732	ng/u1	0.00
Target Compounds						Qvalue
30) Naphthalene	10.734	128	13574506	277.456	ng/u1	100
36) 2-Methylnaphthalene	12.340	142	1722121	50.618	ng/u1	99
37) 1-Methylnaphthalene	12.557	142	970068	28.646	ng/u1	99
42) 2,4,5-Trichlorophenol	13.010	196	118182	10.680	ng/u1	97
43) 1,1'-Biphenyl	13.346	154	373308	8.426	ng/u1	97
50) Acenaphthylene	14.234	152	60215	1.205	ng/u1#	88
52) Acenaphthene	14.575	153	1248790	34.537	ng/u1	97
56) Dibenzofuran	14.910	168	902161	18.047	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.134	232	79058m	8.634	ng/u1	
61) Fluorene	15.557	166	578315	14.177	ng/u1	96
71) Pentachlorophenol	16.910	266	2309088	274.163	ng/u1	95
72) Phenanthrene	17.304	178	931877	14.318	ng/u1	97
77) Carbazole	17.663	167	2921743	50.012	ng/u1	99
80) Fluoranthene	19.316	202	103002	1.193	ng/u1	99

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

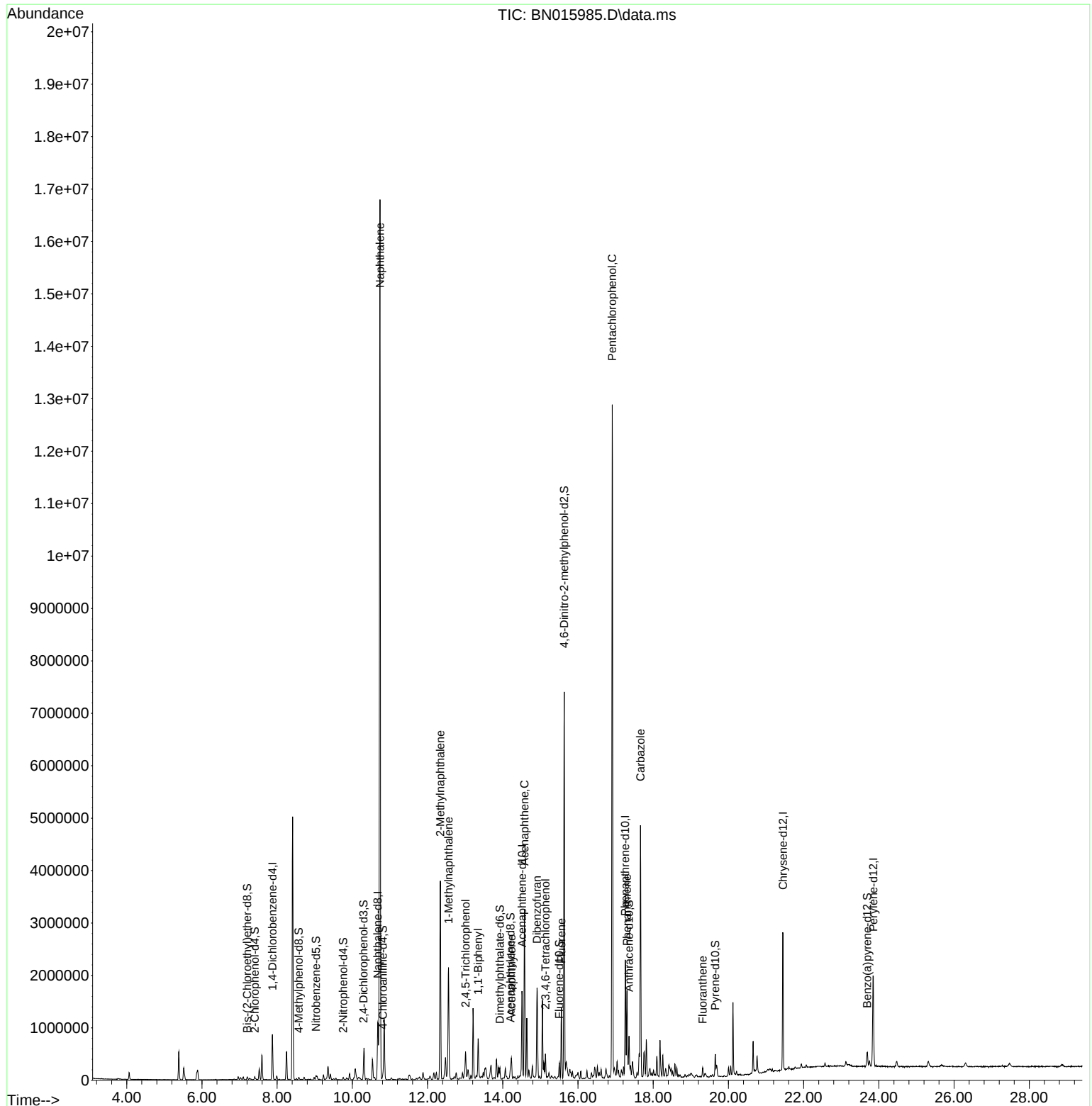
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082021\
Data File : BN015985.D
Acq On : 20 Aug 2021 14:15
Operator : CG/JU
Sample : M3399-07DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

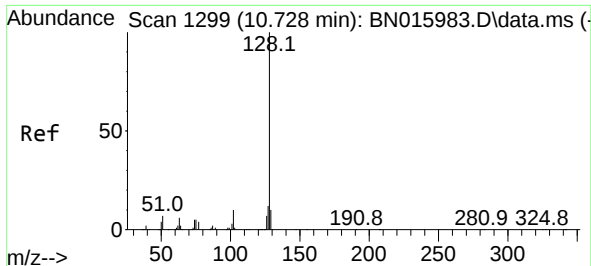
Instrument :
BNA_N
ClientSampleId :
DBKA9DL

Manual Integrations
APPROVED

mohammad
8/23/2021 4:26:00 PM

Quant Time: Aug 20 14:48:42 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 20 04:24:09 2021
Response via : Initial Calibration





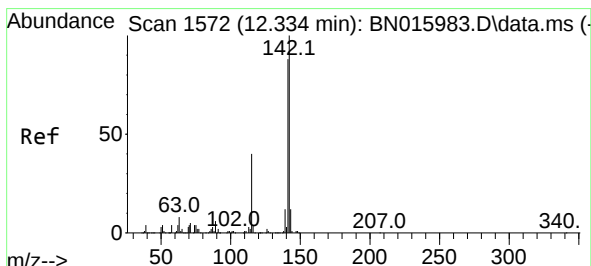
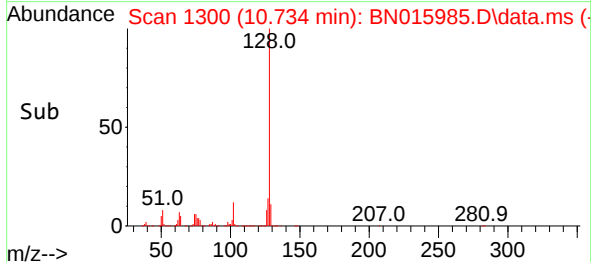
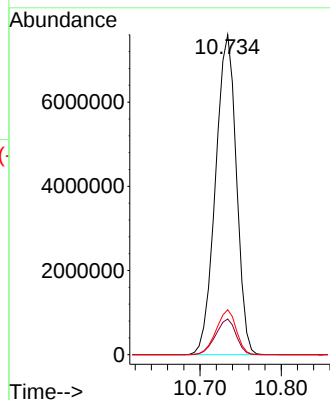
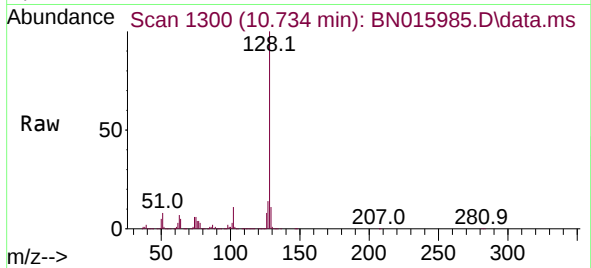
#30
Naphthalene
Concen: 277.456 ng/ul
RT: 10.734 min Scan# 1300
Delta R.T. 0.006 min
Lab File: BN015985.D
Acq: 20 Aug 2021 14:15

Tgt Ion:128 Resp:13574506
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 14.0 11.1 16.7

Instrument :
BNA_N
ClientSampleId :
DBKA9DL

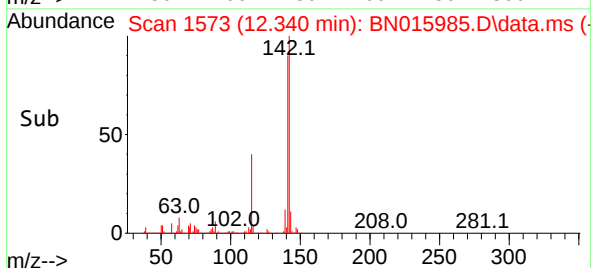
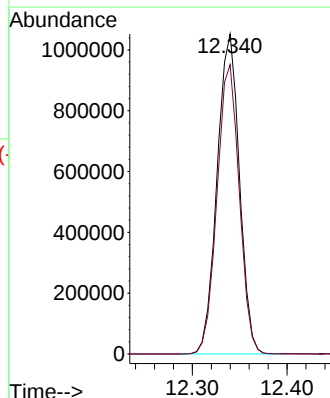
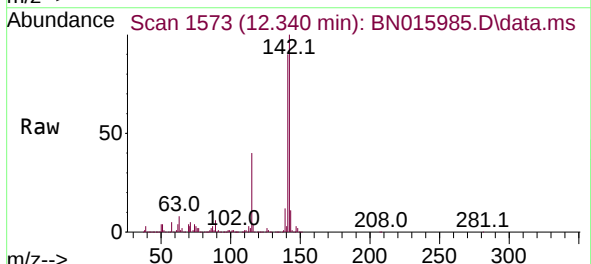
Manual Integrations
APPROVED

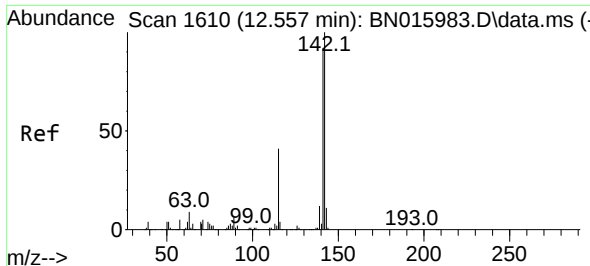
mohammad
8/23/2021 4:26:00 PM



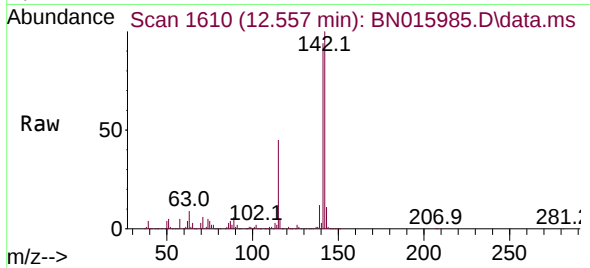
#36
2-Methylnaphthalene
Concen: 50.618 ng/ul
RT: 12.340 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BN015985.D
Acq: 20 Aug 2021 14:15

Tgt Ion:142 Resp: 1722121
Ion Ratio Lower Upper
142 100
141 90.4 73.4 110.0

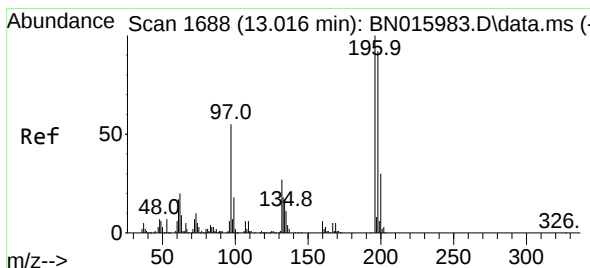
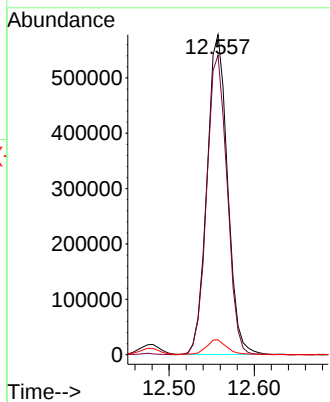
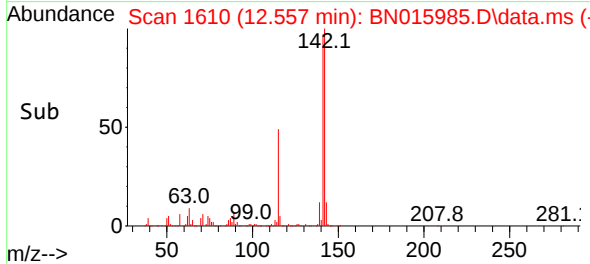




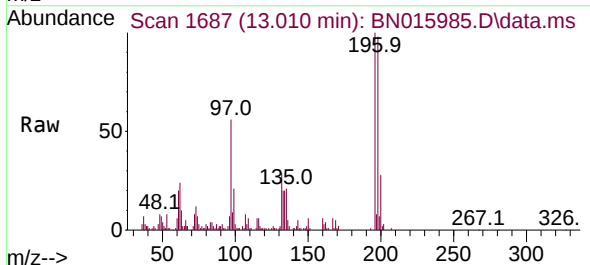
#37
1-Methylnaphthalene
Concen: 28.646 ng/ul
RT: 12.557 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN015985.D
Acq: 20 Aug 2021 14:15



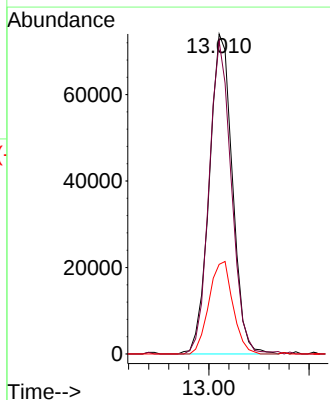
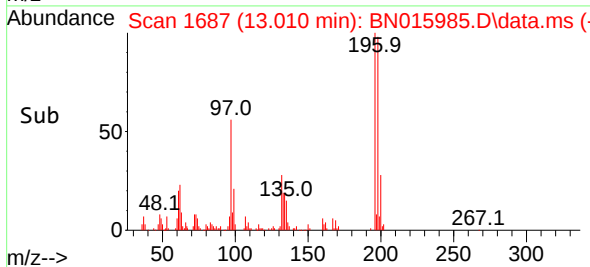
Tgt Ion:142 Resp: 970068
Ion Ratio Lower Upper
142 100
141 93.6 74.2 111.4
116 4.7 3.4 5.0



#42
2,4,5-Trichlorophenol
Concen: 10.680 ng/ul
RT: 13.010 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BN015985.D
Acq: 20 Aug 2021 14:15



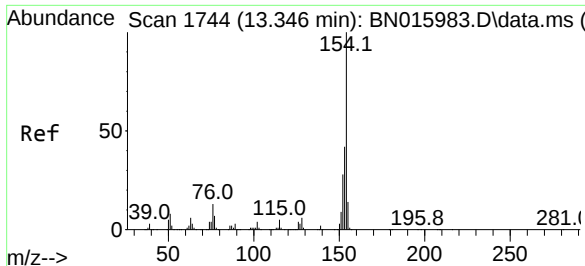
Tgt Ion:196 Resp: 118182
Ion Ratio Lower Upper
196 100
198 97.8 76.5 114.7
200 28.0 24.6 37.0



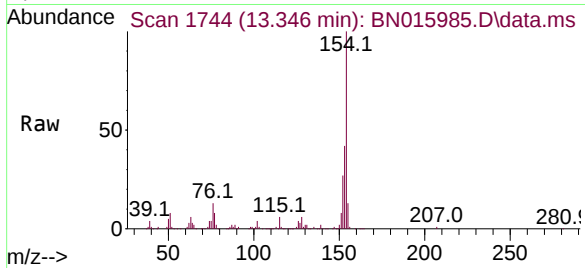
Instrument :
BNA_N
ClientSampleId :
DBKA9DL

Manual Integrations
APPROVED

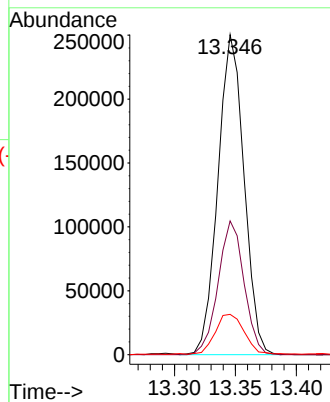
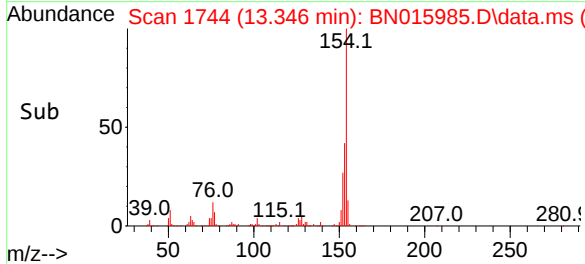
mohammad
8/23/2021 4:26:00 PM



#43
1,1'-Biphenyl
Concen: 8.426 ng/ul
RT: 13.346 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BN015985.D
Acq: 20 Aug 2021 14:15



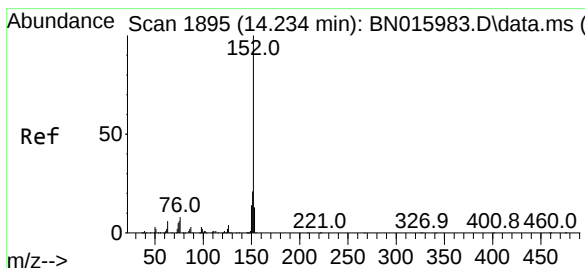
Tgt Ion:154 Resp: 373308
Ion Ratio Lower Upper
154 100
153 41.8 32.1 48.1
76 12.6 11.0 16.6



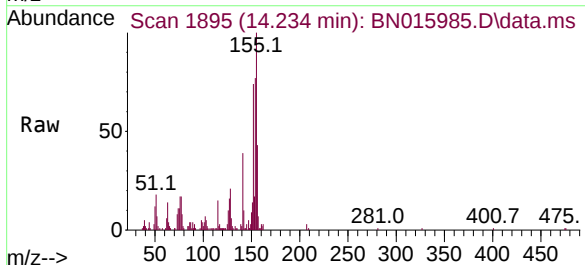
Instrument :
BNA_N
ClientSampleId :
DBKA9DL

Manual Integrations
APPROVED

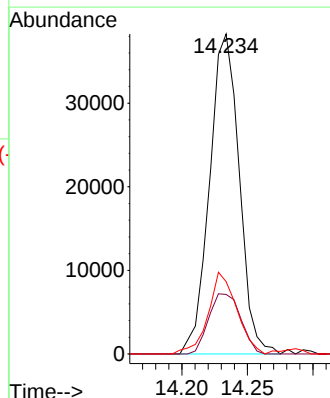
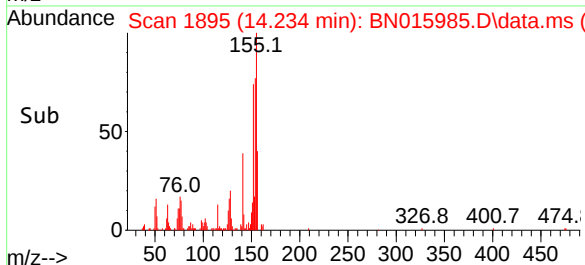
mohammad
8/23/2021 4:26:00 PM

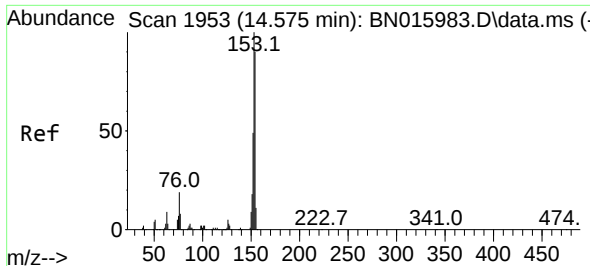


#50
Acenaphthylene
Concen: 1.205 ng/ul
RT: 14.234 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BN015985.D
Acq: 20 Aug 2021 14:15



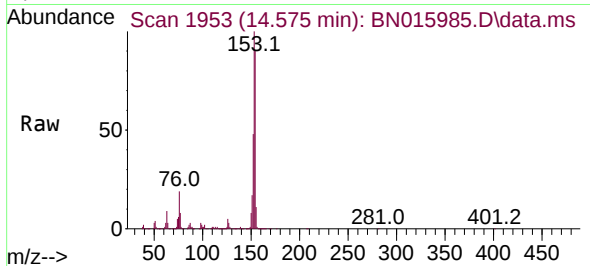
Tgt Ion:152 Resp: 60215
Ion Ratio Lower Upper
152 100
151 18.6 16.2 24.2
153 22.6 10.3 15.5#





#52
Acenaphthene
Concen: 34.537 ng/ul
RT: 14.575 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BN015985.D
Acq: 20 Aug 2021 14:15

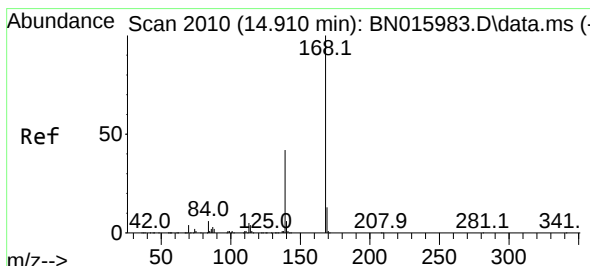
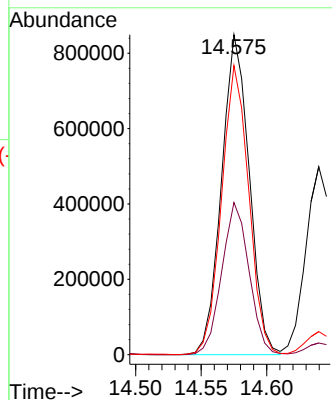
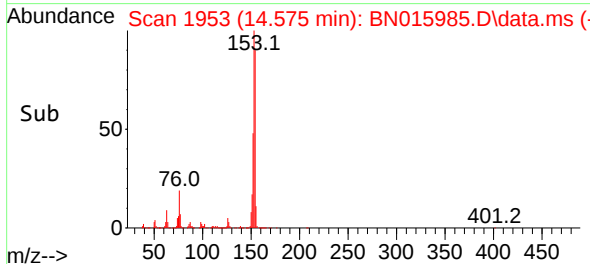
Instrument :
BNA_N
ClientSampleId :
DBKA9DL



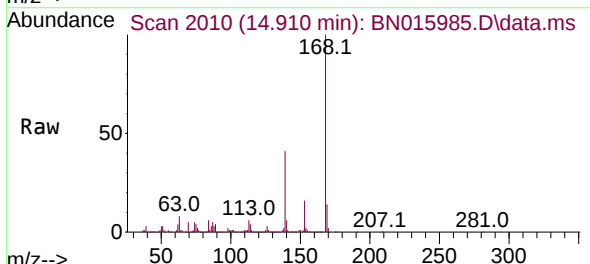
Tgt Ion:153 Resp: 1248790
Ion Ratio Lower Upper
153 100
152 47.6 38.6 57.8
154 90.3 69.3 103.9

Manual Integrations
APPROVED

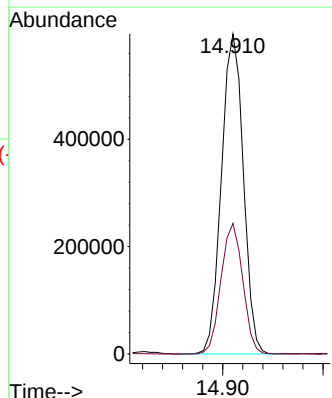
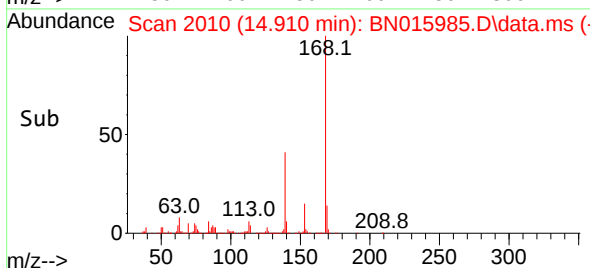
mohammad
8/23/2021 4:26:00 PM

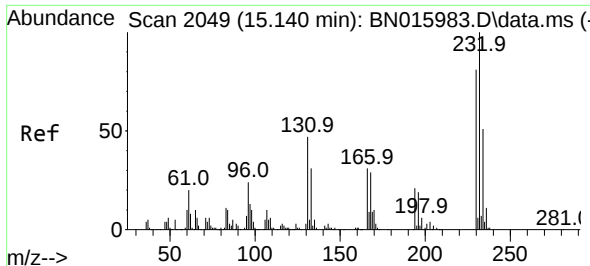


#56
Dibenzofuran
Concen: 18.047 ng/ul
RT: 14.910 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BN015985.D
Acq: 20 Aug 2021 14:15



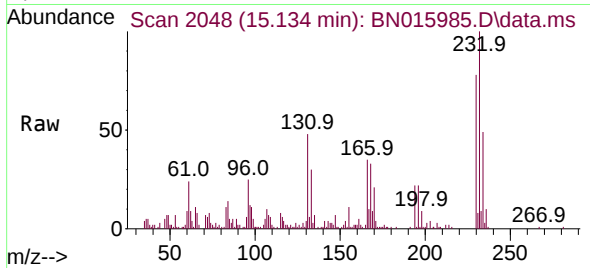
Tgt Ion:168 Resp: 902161
Ion Ratio Lower Upper
168 100
139 40.8 31.8 47.6





#58
2,3,4,6-Tetrachlorophenol
Concen: 8.634 ng/ul m
RT: 15.134 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BN015985.D
Acq: 20 Aug 2021 14:15

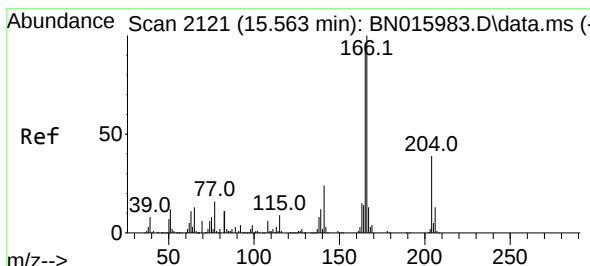
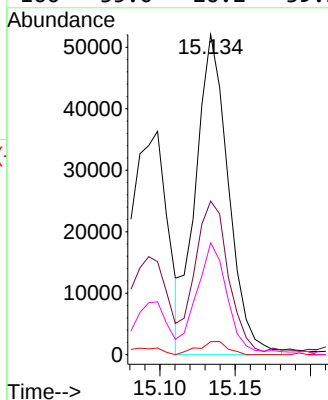
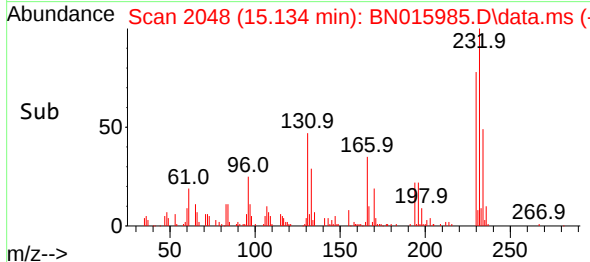
Instrument :
BNA_N
ClientSampleId :
DBKA9DL



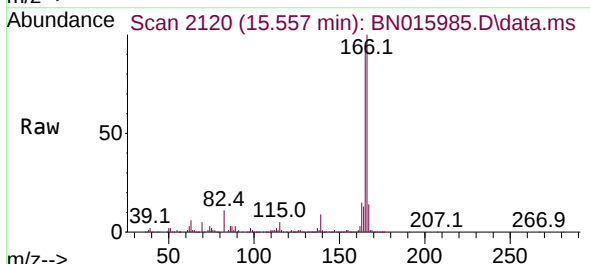
Tgt Ion:232 Resp: 79058
Ion Ratio Lower Upper
232 100
131 48.0 37.5 56.3
130 4.0 2.2 3.4#
166 35.0 26.2 39.2

Manual Integrations
APPROVED

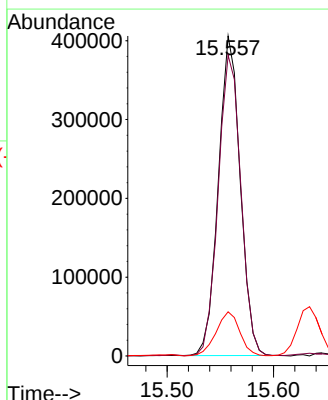
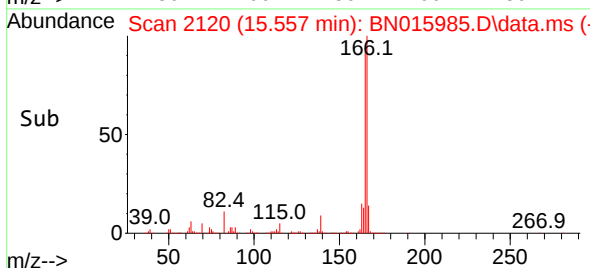
mohammad
8/23/2021 4:26:00 PM

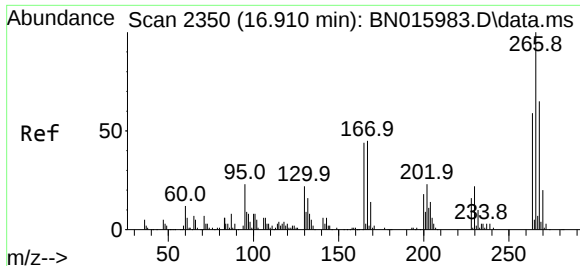


#61
Fluorene
Concen: 14.177 ng/ul
RT: 15.557 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BN015985.D
Acq: 20 Aug 2021 14:15



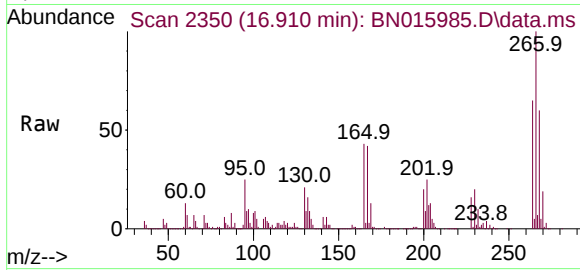
Tgt Ion:166 Resp: 578315
Ion Ratio Lower Upper
166 100
165 93.9 78.4 117.6
167 13.8 10.8 16.2





#71
Pentachlorophenol
Concen: 274.163 ng/ul
RT: 16.910 min Scan# 2350
Delta R.T. 0.000 min
Lab File: BN015985.D
Acq: 20 Aug 2021 14:15

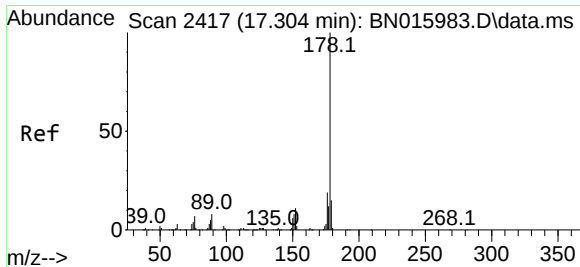
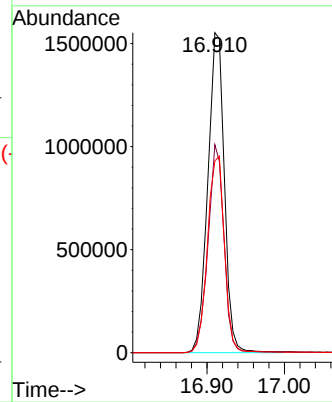
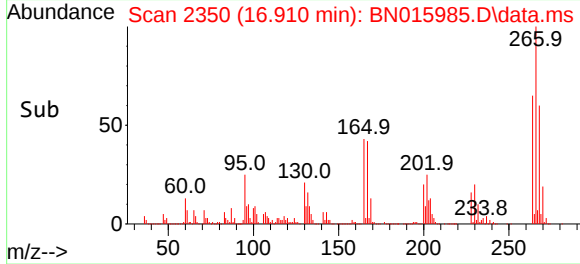
Instrument :
BNA_N
ClientSampleID :
DBKA9DL



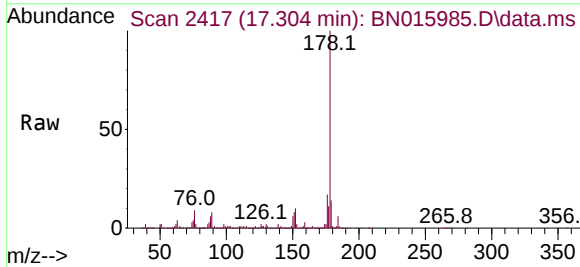
Tgt Ion:266 Resp: 2309088
Ion Ratio Lower Upper
266 100
264 65.0 53.8 80.6
268 59.9 52.7 79.1

Manual Integrations
APPROVED

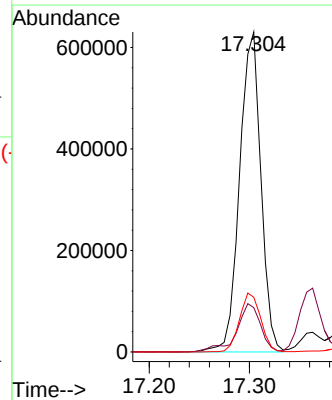
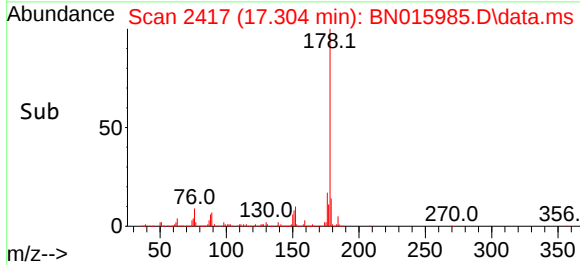
mohammad
8/23/2021 4:26:00 PM

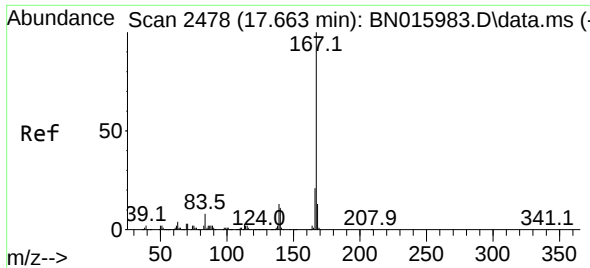


#72
Phenanthrene
Concen: 14.318 ng/ul
RT: 17.304 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BN015985.D
Acq: 20 Aug 2021 14:15



Tgt Ion:178 Resp: 931877
Ion Ratio Lower Upper
178 100
179 13.9 12.5 18.7
176 17.1 14.6 21.8





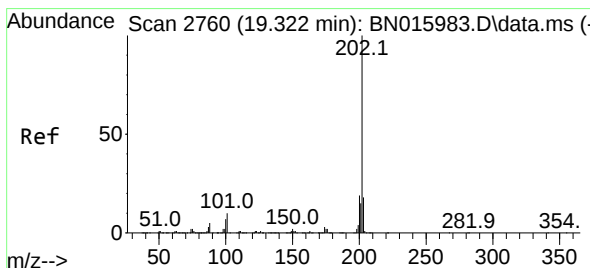
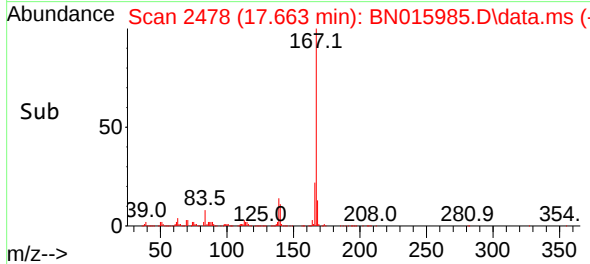
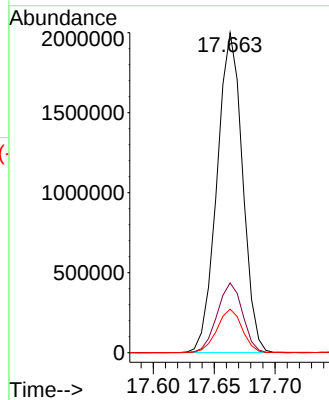
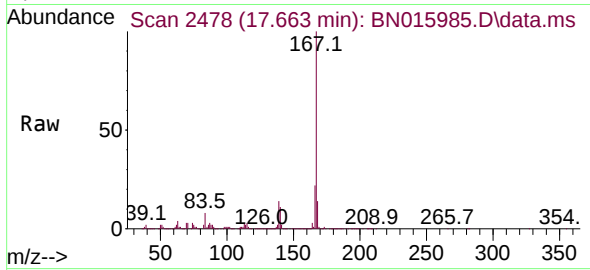
#77
 Carbazole
 Concen: 50.012 ng/ul
 RT: 17.663 min Scan# 2478
 Delta R.T. 0.000 min
 Lab File: BN015985.D
 Acq: 20 Aug 2021 14:15

Tgt Ion:167 Resp: 2921743
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 13.6 11.6 17.4

Instrument :
 BNA_N
 ClientSampleId :
 DBKA9DL

Manual Integrations
 APPROVED

mohammad
 8/23/2021 4:26:00 PM



#80
 Fluoranthene
 Concen: 1.193 ng/ul
 RT: 19.316 min Scan# 2759
 Delta R.T. 0.000 min
 Lab File: BN015985.D
 Acq: 20 Aug 2021 14:15

Tgt Ion:202 Resp: 103002
 Ion Ratio Lower Upper
 202 100
 101 10.4 8.0 12.0
 100 8.1 6.7 10.1

