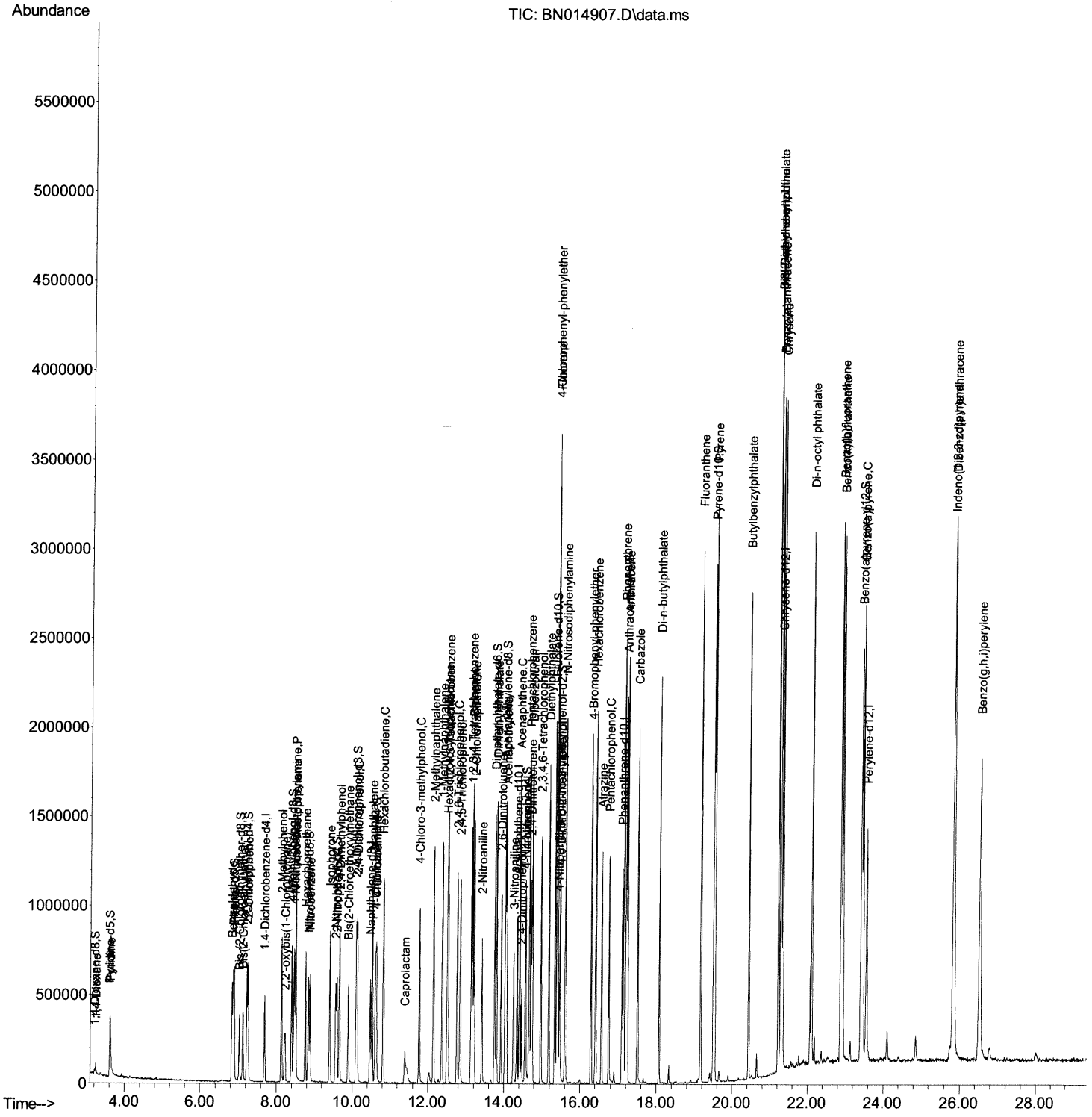
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014907.D
Acq On : 14 Jun 2021 20:27
Operator : CG/JU
Sample : PB137010BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 14 21:17:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 10:46:06 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS010

Manual Integrations APPROVED
mohammad
6/15/2021 2:41:54 PM



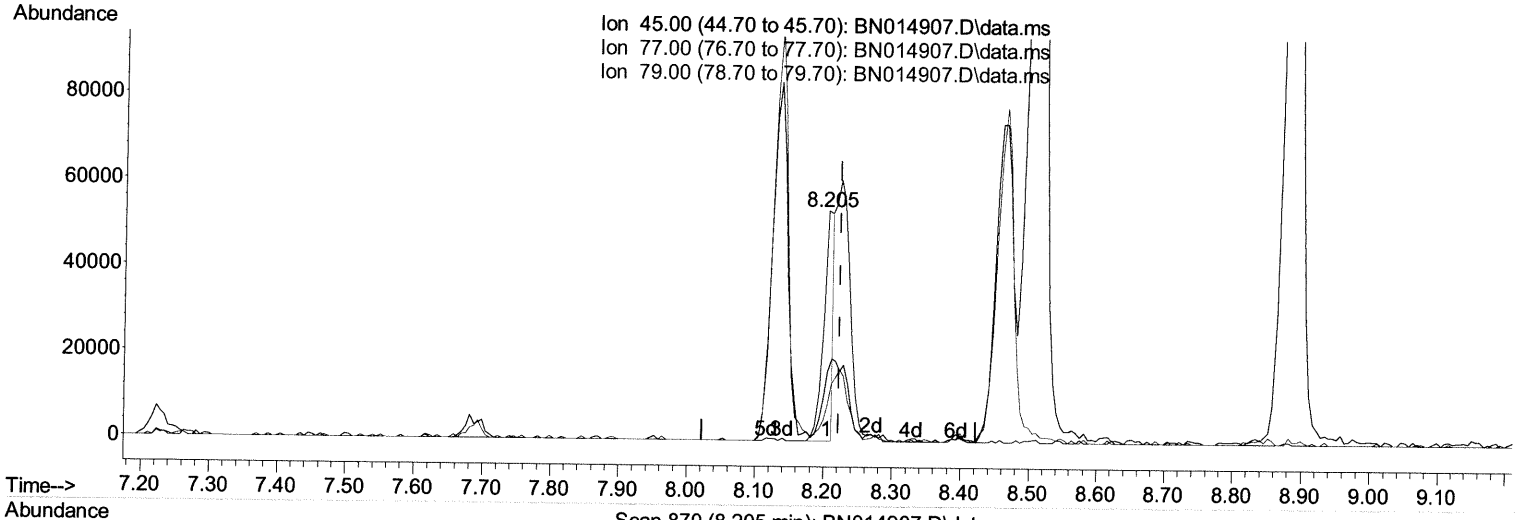
Quantitation Report (Qedit)

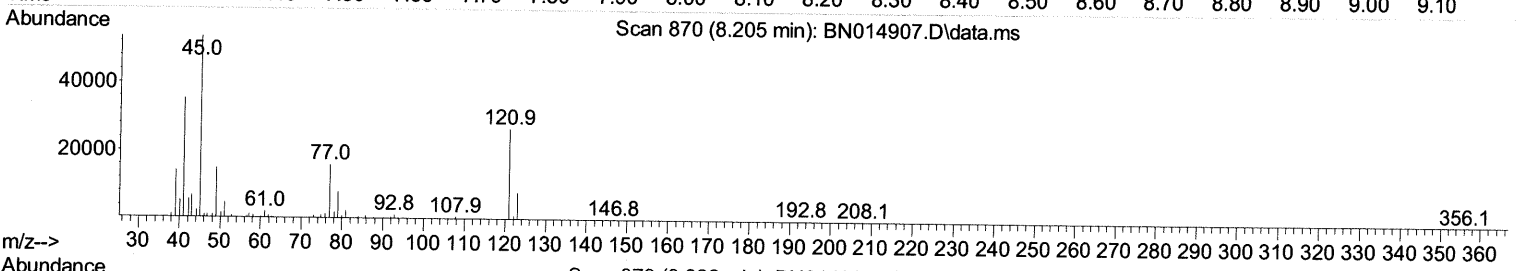
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014907.D
Acq On : 14 Jun 2021 20:27
Operator : CG/JU
Sample : PB137010BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

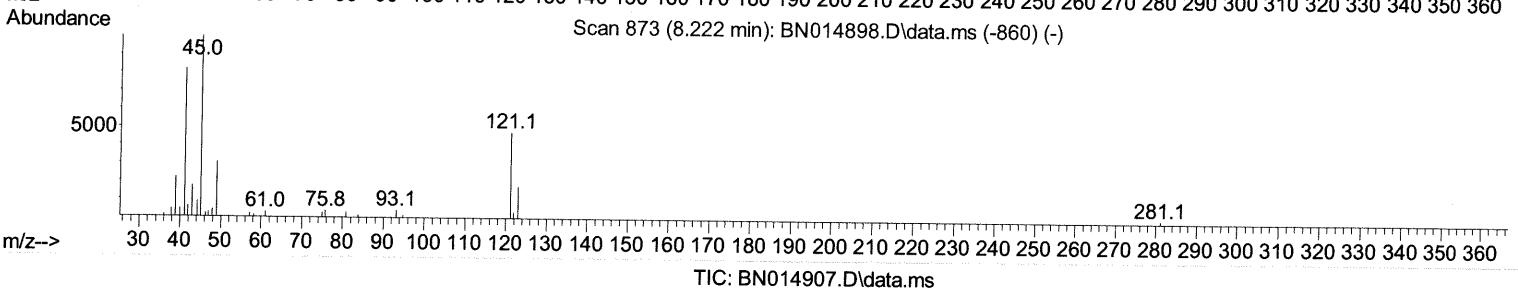
Quant Time: Jun 14 21:17:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 10:46:06 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS010

Manual Integrations APPROVED
mohammad
6/15/2021 2:41:54 PM







TIC: BN014907.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.205min (-0.018) 12.83 ng/ul

response 53177

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	32.30	30.05
79.00	26.80	15.23#
0.00	0.00	0.00

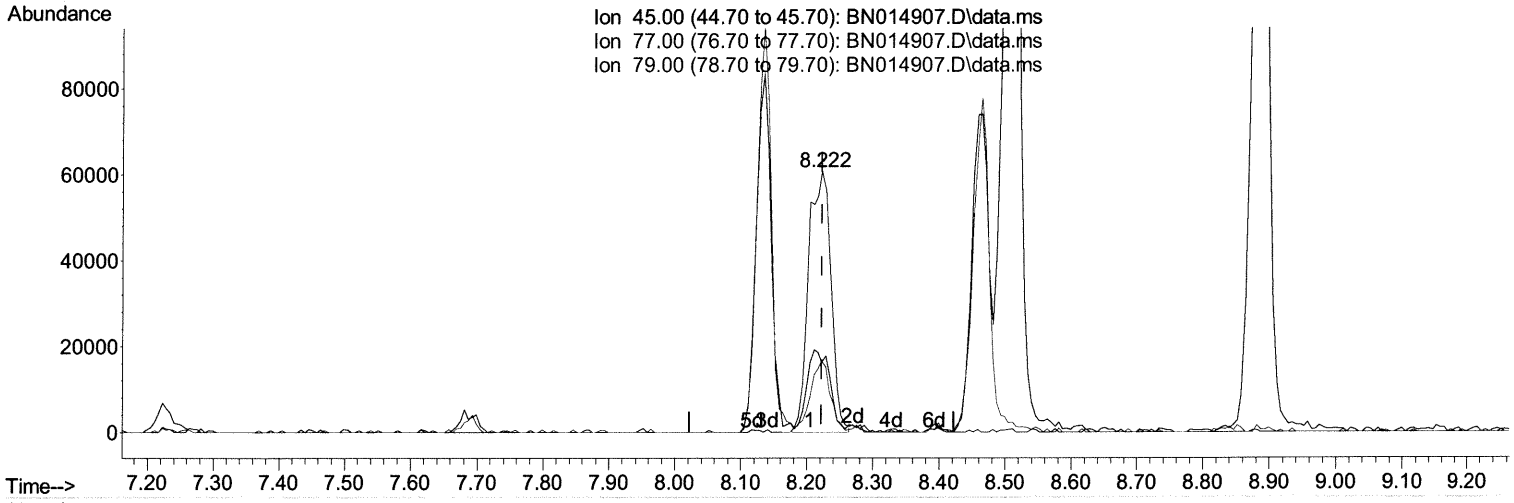
Quantitation Report (Qedit)

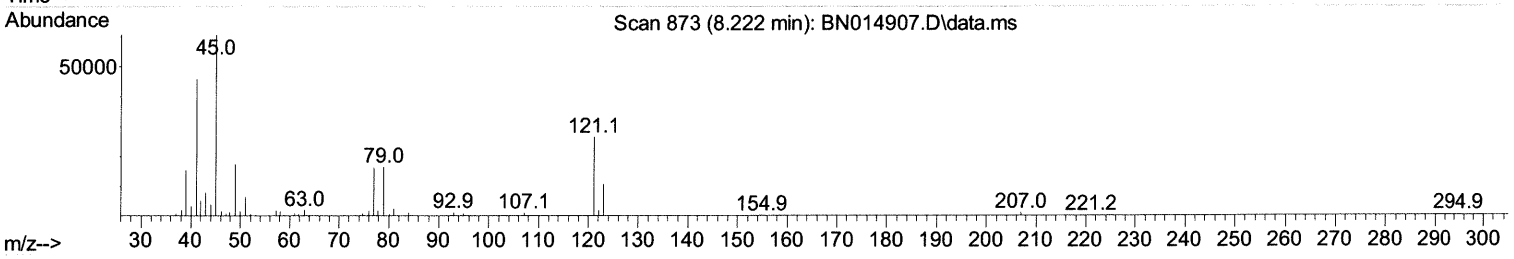
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014907.D
Acq On : 14 Jun 2021 20:27
Operator : CG/JU
Sample : PB137010BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

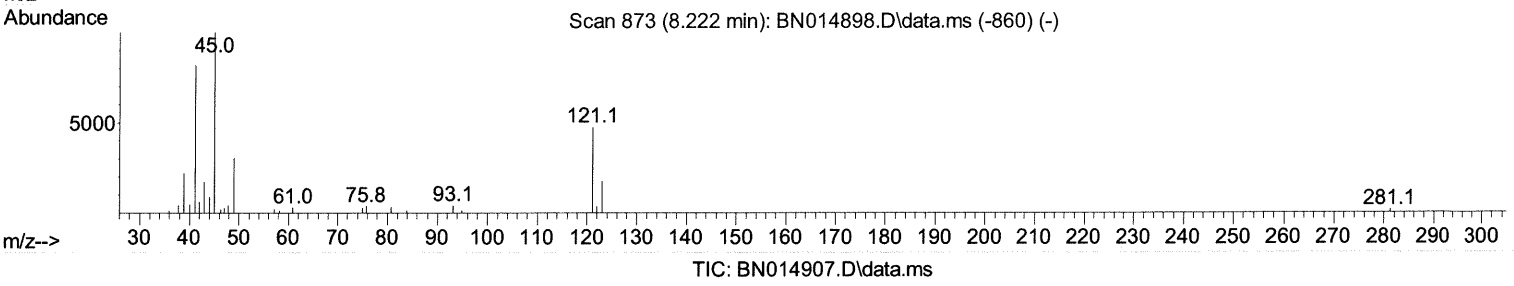
Quant Time: Jun 14 21:17:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 10:46:06 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS010

Manual Integrations APPROVED
mohammad
6/15/2021 2:41:54 PM







TIC: BN014907.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.222min (+ 0.000) 34.29 ng/ul m 06/16/21 JU

response 142120

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	32.30	26.71
79.00	26.80	27.25
0.00	0.00	0.00

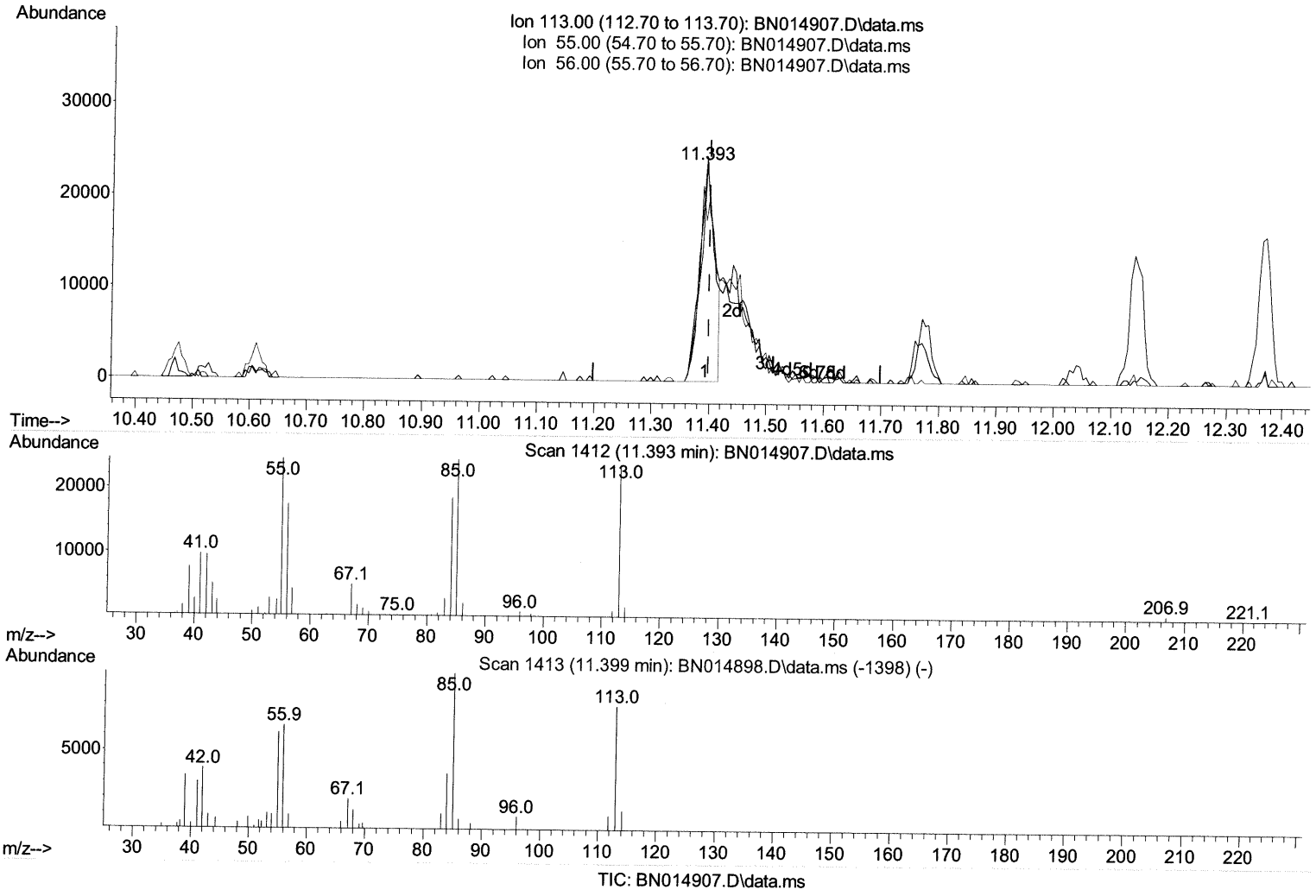
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014907.D
Acq On : 14 Jun 2021 20:27
Operator : CG/JU
Sample : PB137010BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 14 21:17:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 10:46:06 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS010

Manual Integrations APPROVED
mohammad
6/15/2021 2:41:54 PM



TIC: BN014907.D\data.ms

(34) Caprolactam

11.393min (-0.006) 20.83 ng/ul

response 42444

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	118.50	103.30
56.00	73.20	74.01
0.00	0.00	0.00

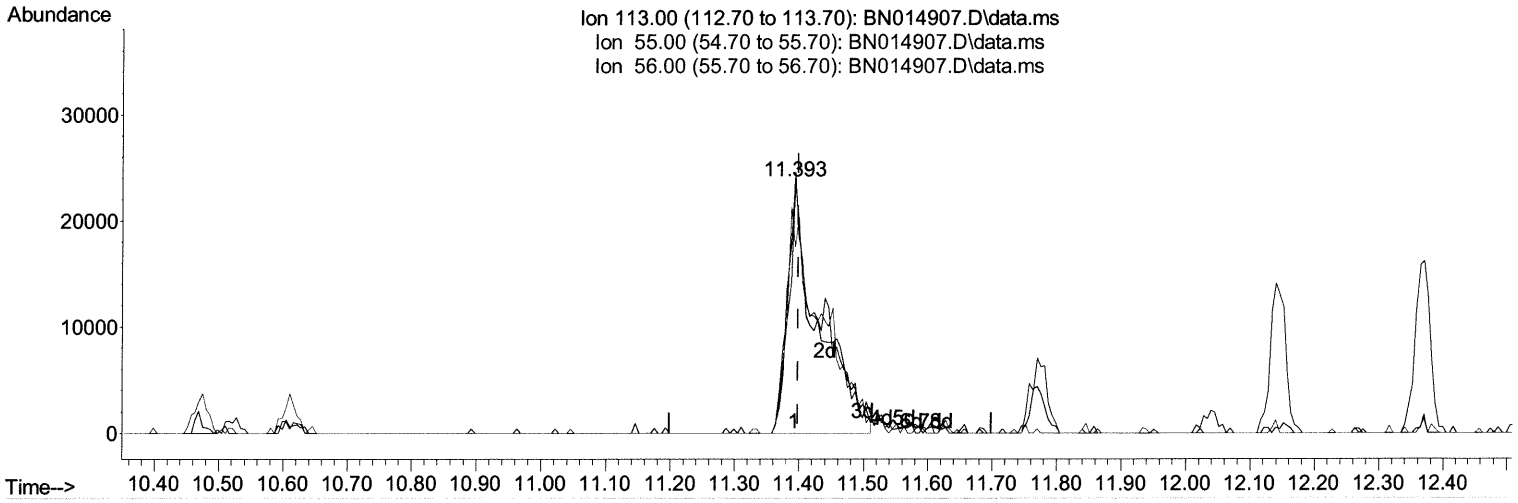
Quantitation Report (Qedit)

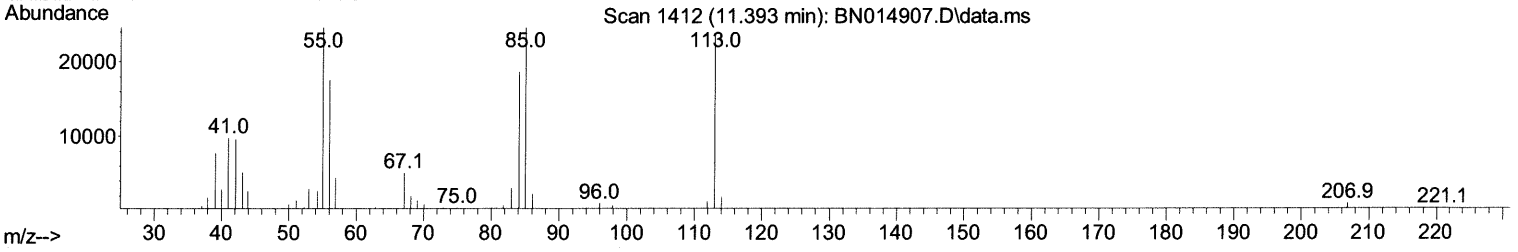
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014907.D
Acq On : 14 Jun 2021 20:27
Operator : CG/JU
Sample : PB137010BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

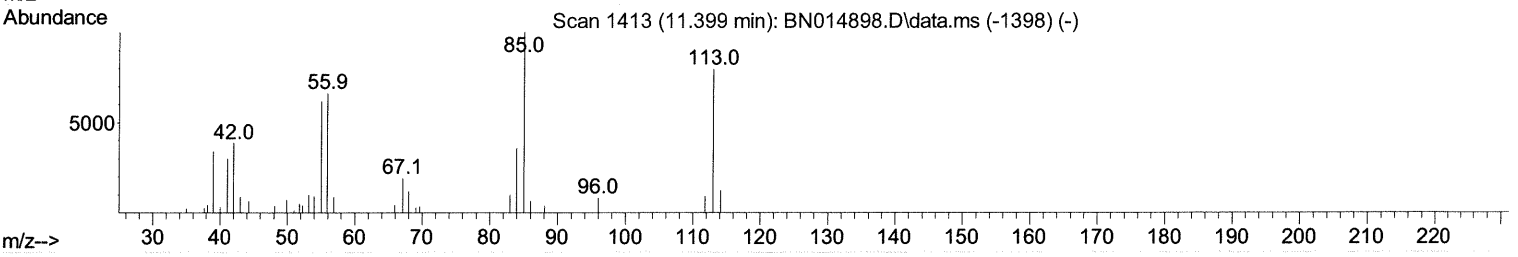
Quant Time: Jun 14 21:17:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 10:46:06 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS010

Manual Integrations APPROVED
mohammad
6/15/2021 2:41:54 PM







TIC: BN014907.D\data.ms

(34) Caprolactam

11.393min (-0.006) 39.09 ng/ul m 06/16/21 JU

response 79638

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	118.50	103.30
56.00	73.20	74.01
0.00	0.00	0.00

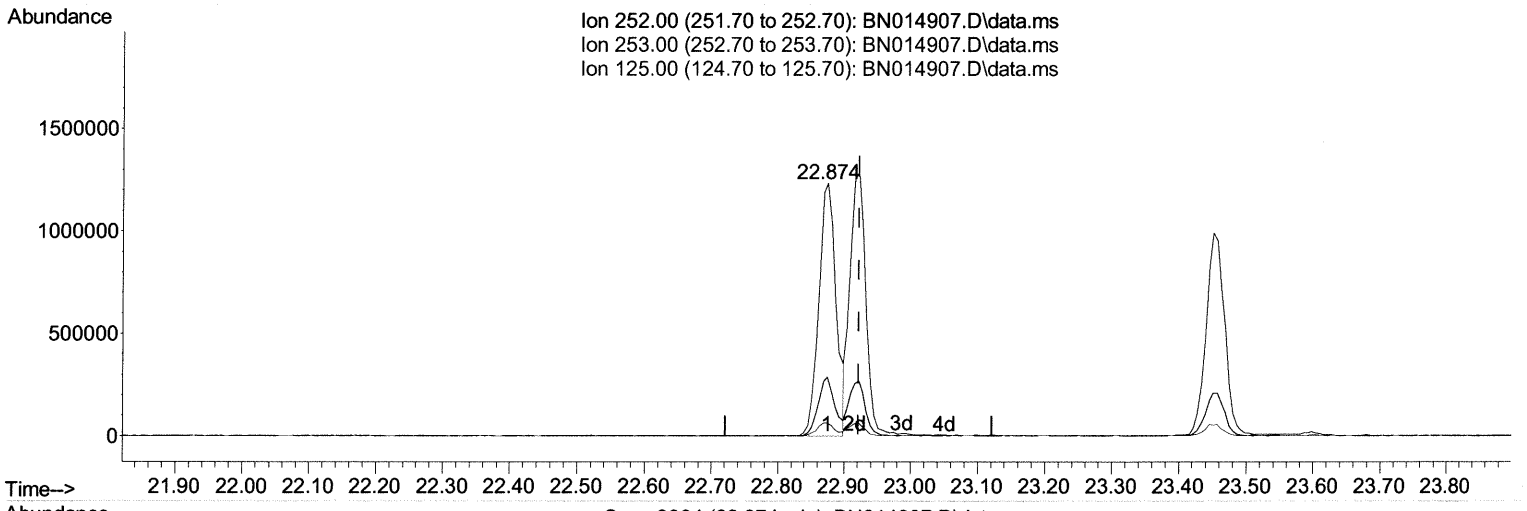
Quantitation Report (Qedit)

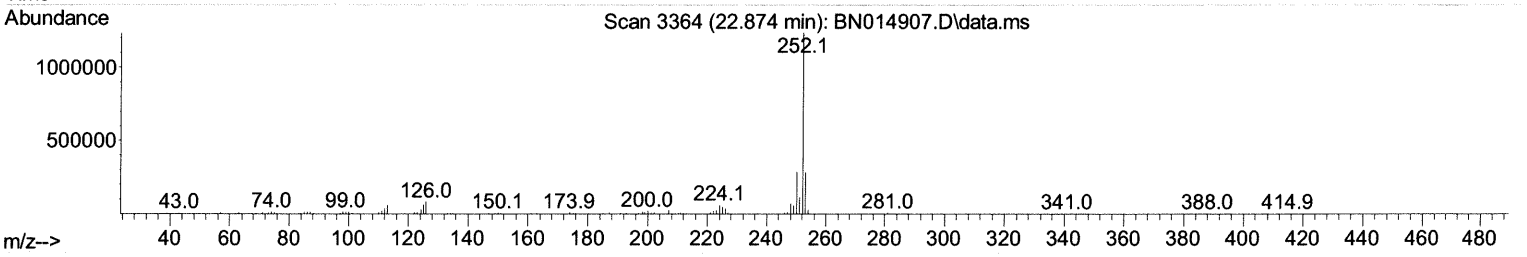
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014907.D
Acq On : 14 Jun 2021 20:27
Operator : CG/JU
Sample : PB137010BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

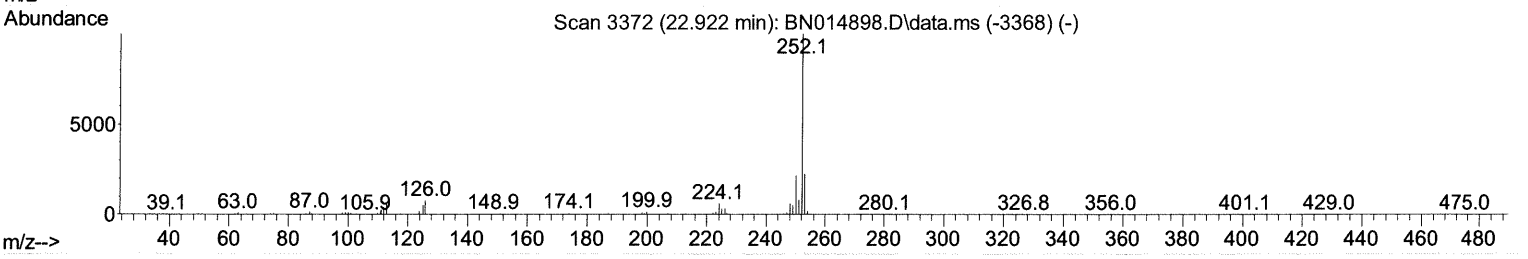
Quant Time: Jun 14 21:17:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 10:46:06 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS010

Manual Integrations APPROVED
mohammad
6/15/2021 2:41:54 PM







TIC: BN014907.D\data.ms

(91) Benzo(k)fluoranthene

22.874min (-0.047) 44.16 ng/ul

response 2220121

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	23.15
125.00	6.00	5.06
0.00	0.00	0.00

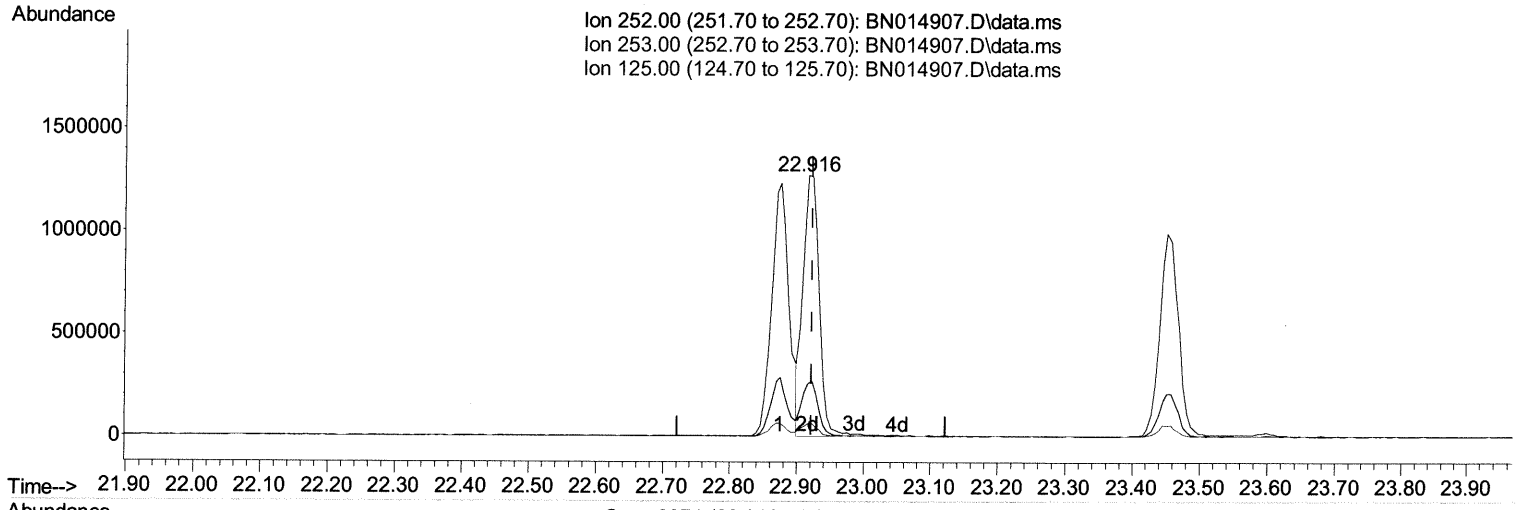
Quantitation Report (Qedit)

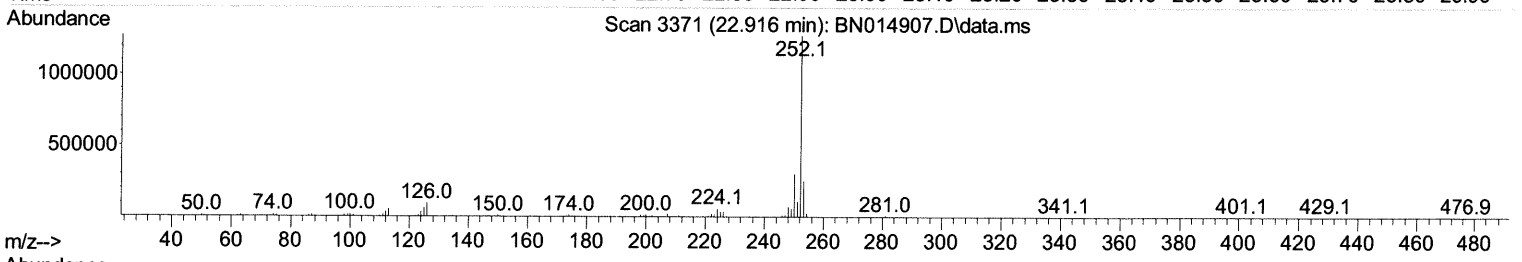
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014907.D
Acq On : 14 Jun 2021 20:27
Operator : CG/JU
Sample : PB137010BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

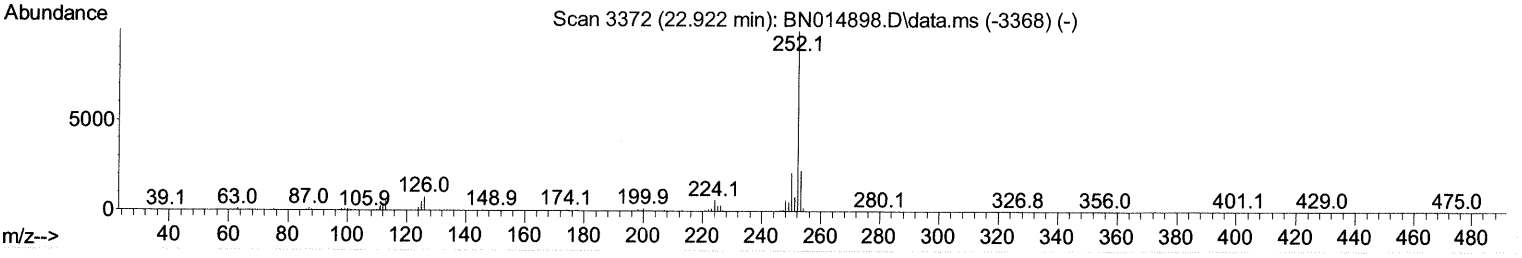
Quant Time: Jun 14 21:17:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 10:46:06 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS010

Manual Integrations APPROVED
mohammad
6/15/2021 2:41:54 PM







TIC: BN014907.D\data.ms

(91) Benzo(k)fluoranthene

22.916min (-0.006) 42.42 ng/ul m 06/16/21 JU

response 2132772

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	19.92
125.00	6.00	4.66#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014907.D
Acq On : 14 Jun 2021 20:27
Operator : CG/JU
Sample : PB137010BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SLCS010

Manual Integrations APPROVED
mohammad
6/15/2021 2:41:54 PM

Quant Time: Jun 14 21:17:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 10:46:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	113595	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	405011	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.345	164	302735	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	691336	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.298	240	825092	20.000	ng/ul	0.00
88) Perylene-d12	23.551	264	880222	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	13873	6.494	ng/uL	0.00
4) Pyridine-d5	3.605	84	146511	29.485	ng/ul	0.00
7) Phenol-d5	6.864	99	293840	34.533	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	142072	35.245	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	229369	35.157	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	247320	34.108	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	115016	37.845	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	130926	37.987	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	271694	39.152	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	280444	34.124	ng/ul	0.00
46) Dimethylphthalate-d6	13.751	166	887588	36.880	ng/ul	0.00
49) Acenaphthylene-d8	14.034	160	1000591	38.037	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	130637	38.642	ng/ul	0.00
60) Fluorene-d10	15.340	176	719107	36.628	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	162608	39.349	ng/ul	0.00
73) Anthracene-d10	17.192	188	1175884	37.584	ng/ul	0.00
81) Pyrene-d10	19.498	212	1407639	36.988	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.410	264	1858793	42.254	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	30210	12.679	ng/uL#	74
5) Pyridine	3.628	79	149400	28.988	ng/ul	94
6) Benzaldehyde	6.834	77	191245	44.722	ng/ul	96
8) Phenol	6.893	94	291047	34.475	ng/ul#	82
10) Bis(2-Chloroethyl)ether	7.116	93	218673	34.326	ng/ul	96
12) 2-Chlorophenol	7.258	128	240067	34.636	ng/ul#	86
13) 2-Methylphenol	8.134	108	229974	34.396	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.222	45	142120m	> 34.287	ng/ul	> 06/16/21 JU
16) Acetophenone	8.505	105	401167	34.382	ng/ul#	97
17) N-Nitroso-di-n-propyla...	8.493	70	195706	35.487	ng/ul#	93
18) 4-Methylphenol	8.463	108	250776	34.863	ng/ul	90
19) Hexachloroethane	8.763	117	119072	33.108	ng/ul	86
22) Nitrobenzene	8.881	77	321838	39.700	ng/ul#	97
23) Isophorone	9.405	82	553091	37.828	ng/ul#	93
25) 2-Nitrophenol	9.593	139	134547	38.551	ng/ul#	84
26) 2,4-Dimethylphenol	9.658	107	291872	31.097	ng/ul	90
27) Bis(2-Chloroethoxy)met...	9.893	93	310848	38.872	ng/ul#	92
29) 2,4-Dichlorophenol	10.128	162	261063	39.566	ng/ul	91
30) Naphthalene	10.522	128	747142	36.758	ng/ul	99
32) 4-Chloroaniline	10.634	127	279752	34.474	ng/ul	97
33) Hexachlorobutadiene	10.810	225	252622	38.815	ng/ul	93
34) Caprolactam	11.393	113	79638m	> 39.087	ng/ul	> 06/16/21 JU
35) 4-Chloro-3-methylphenol	11.769	107	358359	41.849	ng/ul#	93

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
Data File : BN014907.D
Acq On : 14 Jun 2021 20:27
Operator : CG/JU
Sample : PB137010BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 14 21:17:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 10:46:06 2021
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : SLCS010

Manual Integrations APPROVED
mohammad
6/15/2021 2:41:54 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.146	142	553724	37.154	ng/ul	99
37) 1-Methylnaphthalene	12.363	142	538395	35.782	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.522	216	390145	37.084	ng/ul#	94
40) Hexachlorocyclopentadiene	12.504	237	227166	29.128	ng/ul	97
41) 2,4,6-Trichlorophenol	12.763	196	232444	38.076	ng/ul	94
42) 2,4,5-Trichlorophenol	12.840	196	262243	39.057	ng/ul	97
43) 1,1'-Biphenyl	13.169	154	758388	36.468	ng/ul#	96
44) 2-Chloronaphthalene	13.210	162	613335	36.930	ng/ul	93
45) 2-Nitroaniline	13.416	65	197972	40.705	ng/ul	91
47) Dimethylphthalate	13.798	163	867141	38.229	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	183628	41.786	ng/ul	96
50) Acenaphthylene	14.057	152	894011	37.474	ng/ul	96
51) 3-Nitroaniline	14.251	138	148810	40.948	ng/ul	79
52) Acenaphthene	14.410	153	664716	37.509	ng/ul	96
53) 2,4-Dinitrophenol	14.457	184	97483	40.236	ng/ul	90
55) 4-Nitrophenol	14.569	109	231141	40.979	ng/ul#	80
56) Dibenzofuran	14.745	168	976185	37.809	ng/ul#	82
57) 2,4-Dinitrotoluene	14.710	165	285462	41.943	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	14.975	232	243658	38.432	ng/ul#	78
59) Diethylphthalate	15.175	149	885264	38.404	ng/ul	95
61) Fluorene	15.398	166	757697	36.699	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.393	204	433786	37.793	ng/ul#	81
63) 4-Nitroaniline	15.422	138	154130	43.076	ng/ul#	67
66) 4,6-Dinitro-2-methylph...	15.481	198	161571	40.058	ng/ul#	93
67) N-Nitrosodiphenylamine	15.610	169	704002	39.230	ng/ul	97
68) 4-Bromophenyl-phenylether	16.292	248	339838	40.922	ng/ul#	87
69) Hexachlorobenzene	16.404	284	424963	39.511	ng/ul	97
70) Atrazine	16.563	200	226940	27.954	ng/ul	98
71) Pentachlorophenol	16.751	266	218310	41.431	ng/ul	95
72) Phenanthrene	17.139	178	1356096	39.193	ng/ul	96
74) Anthracene	17.228	178	1349775	38.666	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.134	216	390591	37.203	ng/uL	96
76) Pentachlorobenzene	14.669	250	431566	37.341	ng/uL	99
77) Carbazole	17.498	167	1156959	39.655	ng/ul	99
78) Di-n-butylphthalate	18.075	149	1477202	40.575	ng/ul	98
80) Fluoranthene	19.163	202	1738101	39.743	ng/ul#	93
82) Pyrene	19.528	202	1812012	39.068	ng/ul#	93
83) Butylbenzylphthalate	20.439	149	714044	41.776	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.216	252	581474	38.456	ng/ul	99
85) Benzo(a)anthracene	21.280	228	1867600	38.644	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	1019590	40.492	ng/ul	98
87) Chrysene	21.333	228	1912565	39.934	ng/ul	98
89) Di-n-octyl phthalate	22.104	149	1984744	43.188	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	2220121	43.407	ng/ul	94
91) Benzo(k)fluoranthene	22.916	252	2132772m	42.418	ng/ul	94
93) Benzo(a)pyrene	23.451	252	1911586	41.152	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	25.827	276	2523781	42.180	ng/ul	97
95) Dibenzo(a,h)anthracene	25.839	278	2104212	42.969	ng/ul#	98
96) Benzo(g,h,i)perylene	26.521	276	2235771	42.549	ng/ul#	92

06/16/21 JU

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

Instrument :
BNA_N
ClientSampleId :
SLCS010

Manual Integrations APPROVED

mohammad
6/15/2021 2:41:54 PM