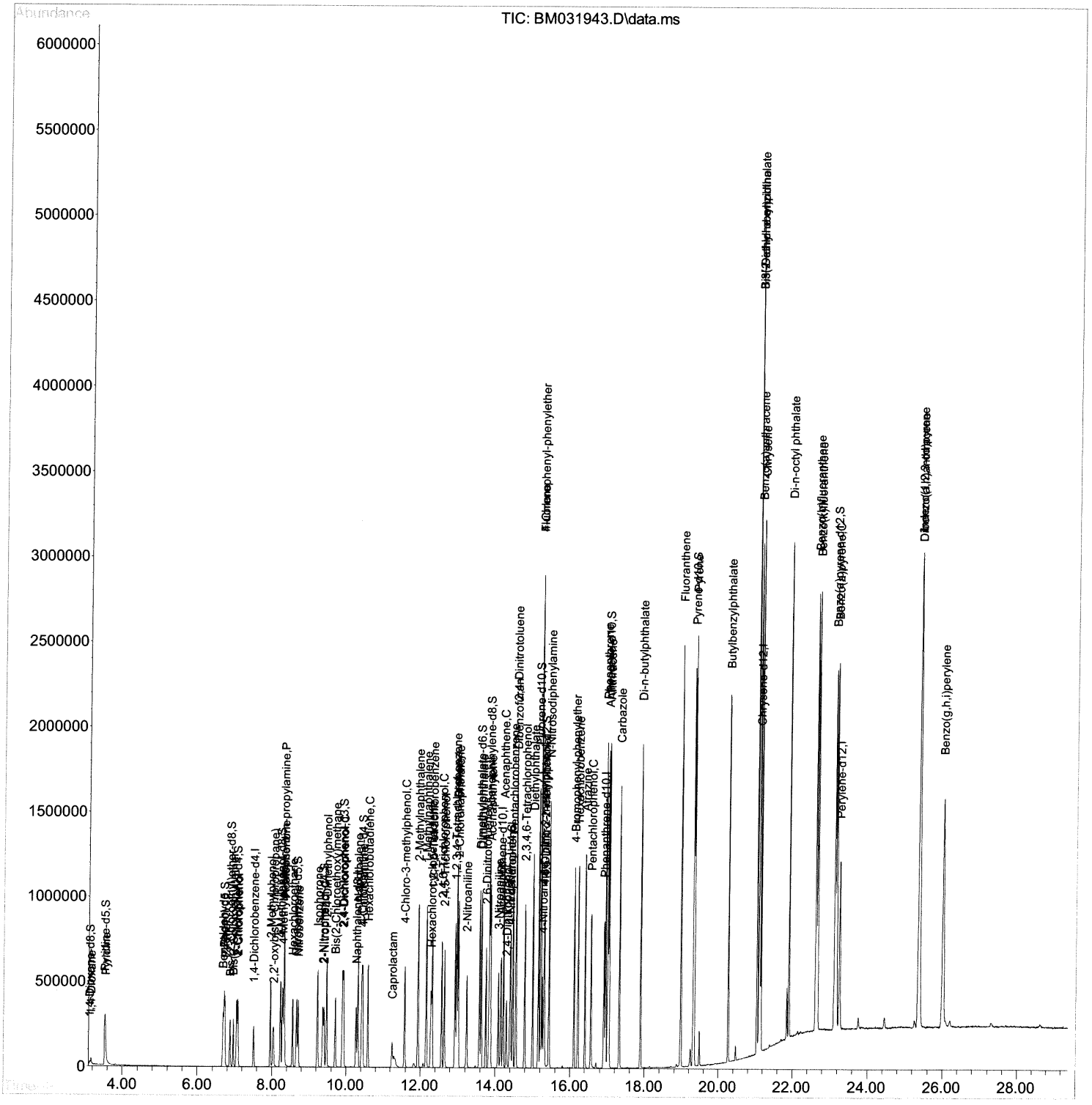
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031943.D
Acq On : 30 Aug 2021 10:27
Operator : CG/JU
Sample : PB138564BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 30 10:59:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS564

Manual Integrations APPROVED
mohammad
8/31/2021 11:36:45 AM



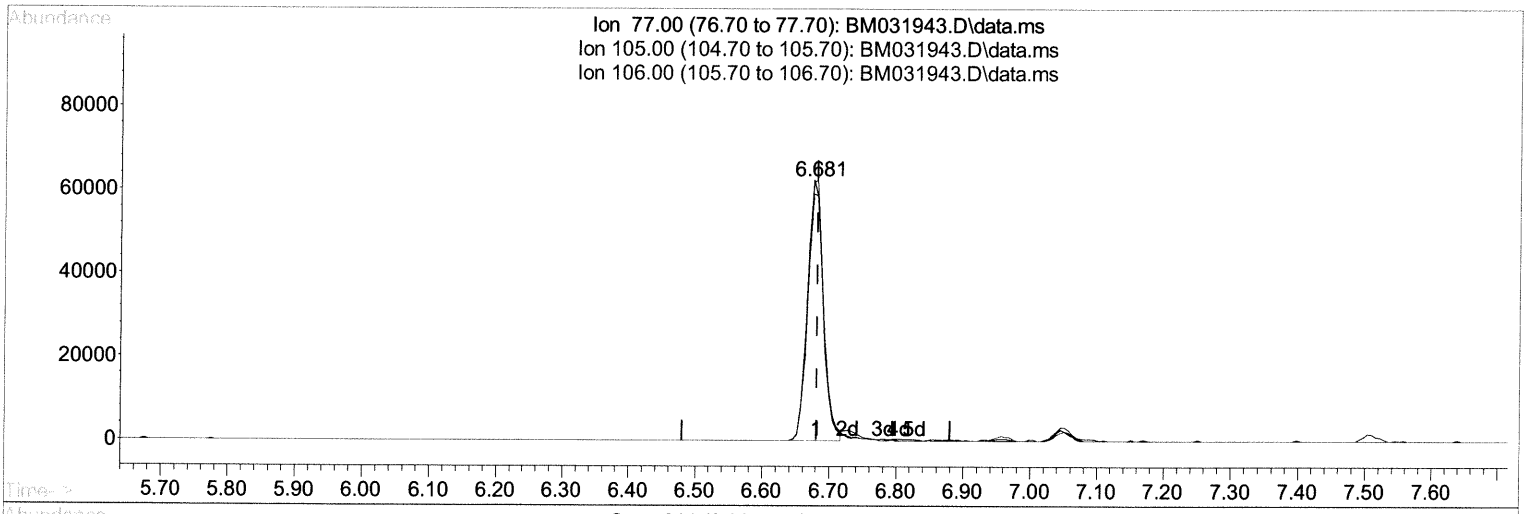
Quantitation Report (Qedit)

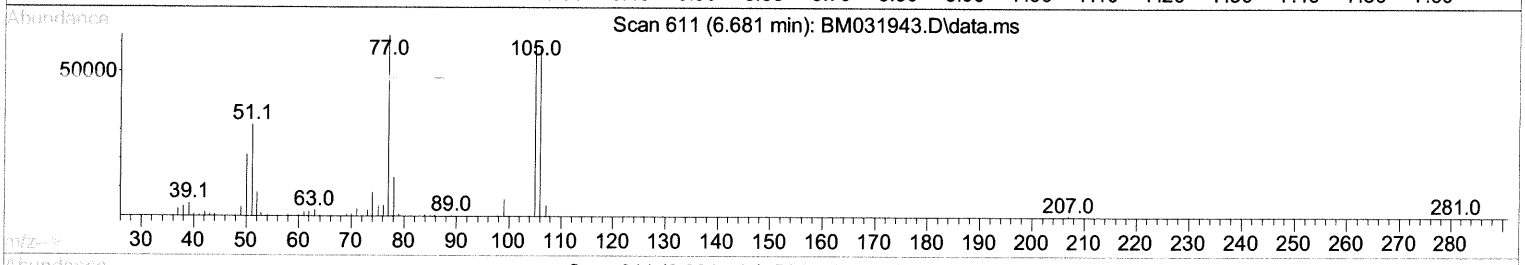
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031943.D
Acq On : 30 Aug 2021 10:27
Operator : CG/JU
Sample : PB138564BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

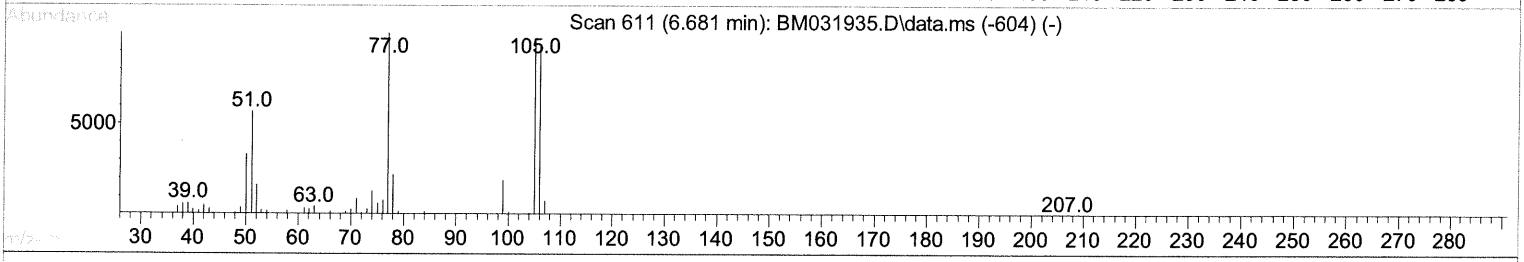
Quant Time: Aug 30 10:59:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS564

Manual Integrations APPROVED
mohammad
8/31/2021 11:36:45 AM







TIC: BM031943.D\data.ms

(6) Benzaldehyde

6.681min (-0.000) 44.75 ng/ul

response 104411

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.80	94.49
106.00	93.70	94.16
0.00	0.00	0.00

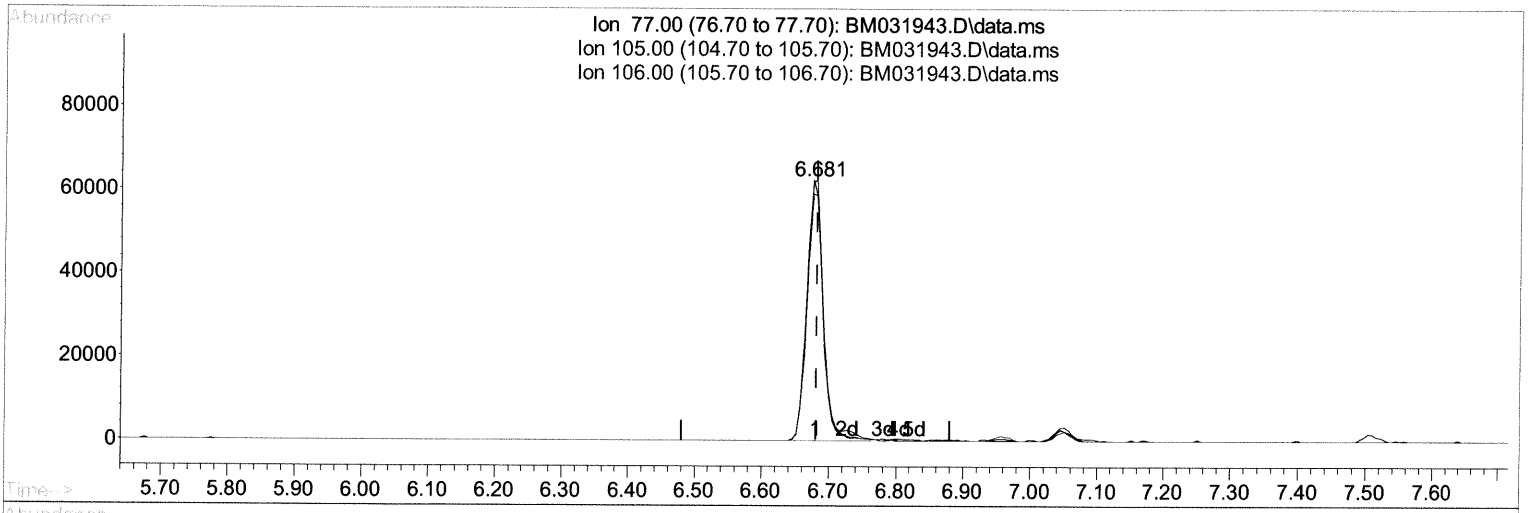
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031943.D
Acq On : 30 Aug 2021 10:27
Operator : CG/JU
Sample : PB138564BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 30 10:59:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS564

Manual Integrations APPROVED
mohammad
8/31/2021 11:36:45 AM



TIC: BM031943.D\data.ms

(6) Benzaldehyde

6.681min (-0.000) 46.44 ng/ul m 09/09/21 JU

response 108336

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.80	94.49
106.00	93.70	94.16
0.00	0.00	0.00

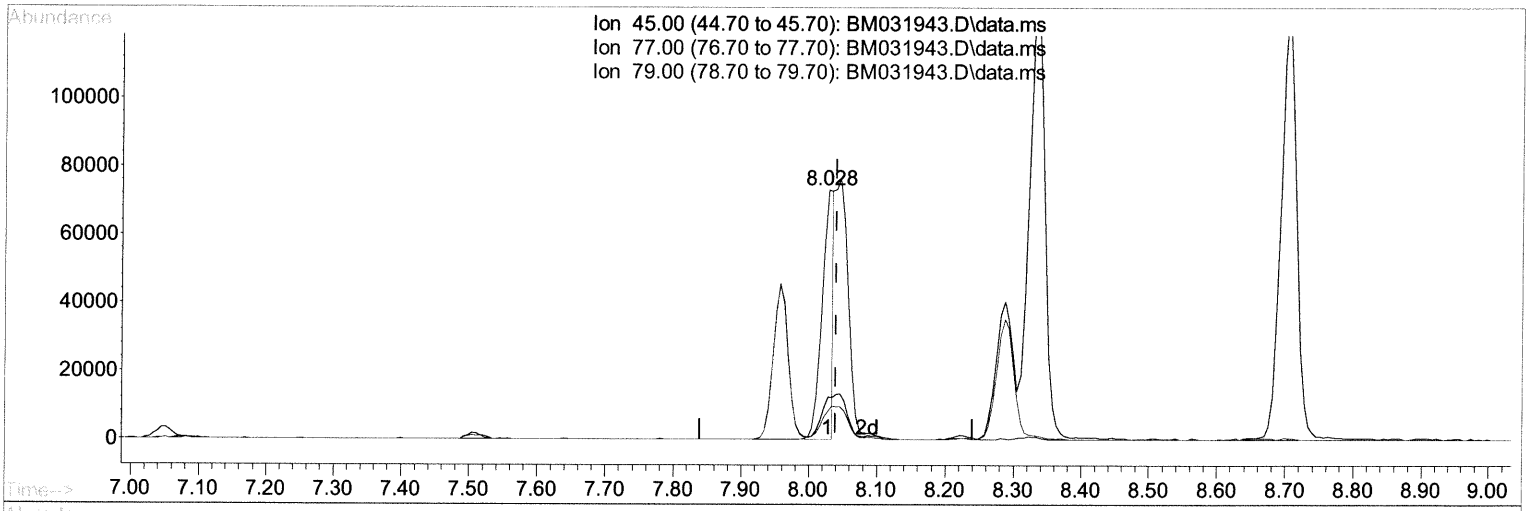
Quantitation Report (Qedit)

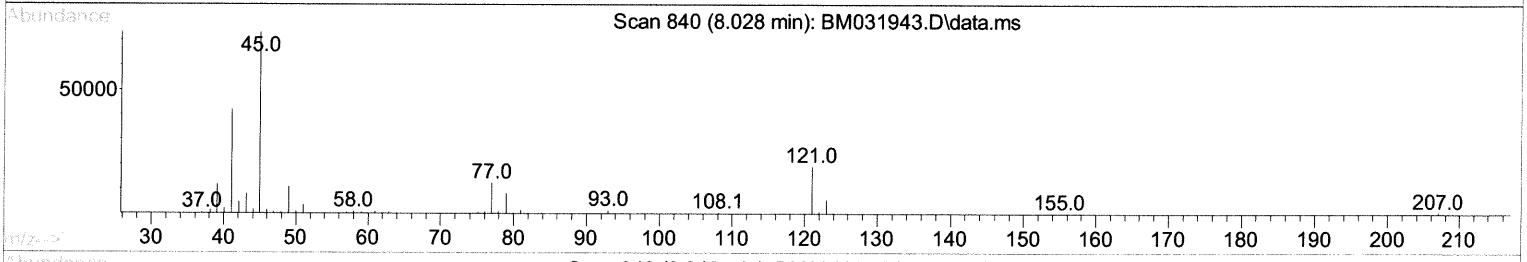
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031943.D
Acq On : 30 Aug 2021 10:27
Operator : CG/JU
Sample : PB138564BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

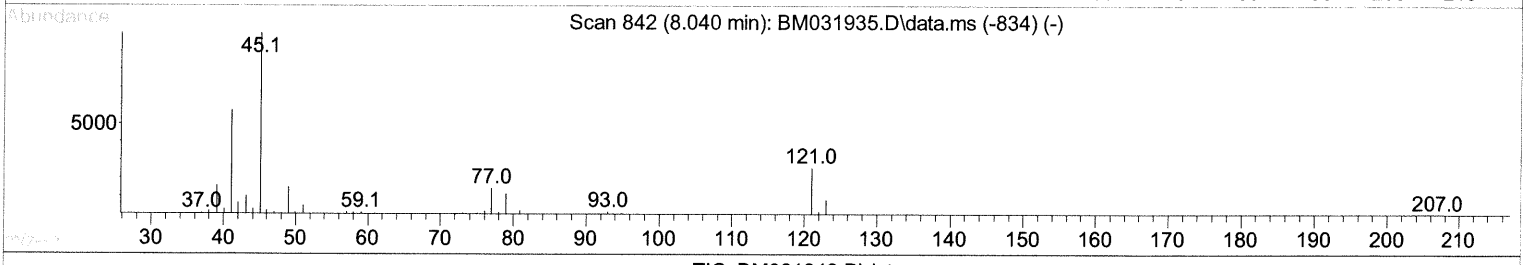
Quant Time: Aug 30 10:59:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS564

Manual Integrations APPROVED
mohammad
8/31/2021 11:36:45 AM







TIC: BM031943.D\data.ms

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

8.028min (-0.012) 17.01 ng/ul

response 87335

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	12.80	17.01#
79.00	9.80	11.28
0.00	0.00	0.00

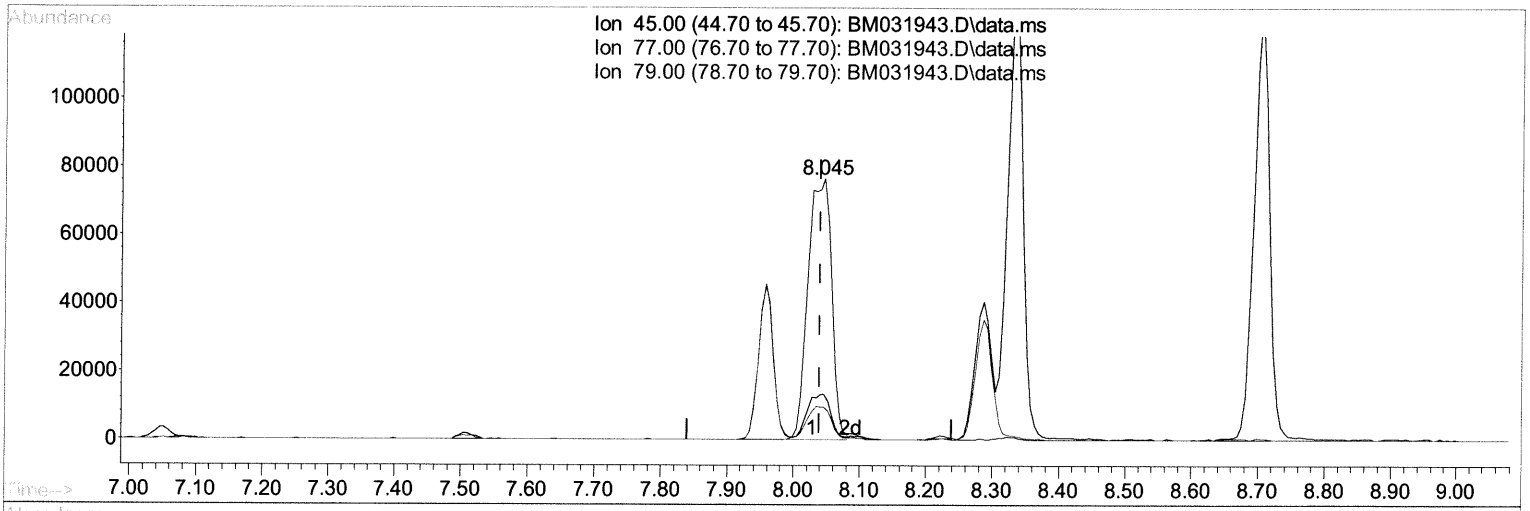
Quantitation Report (Qedit)

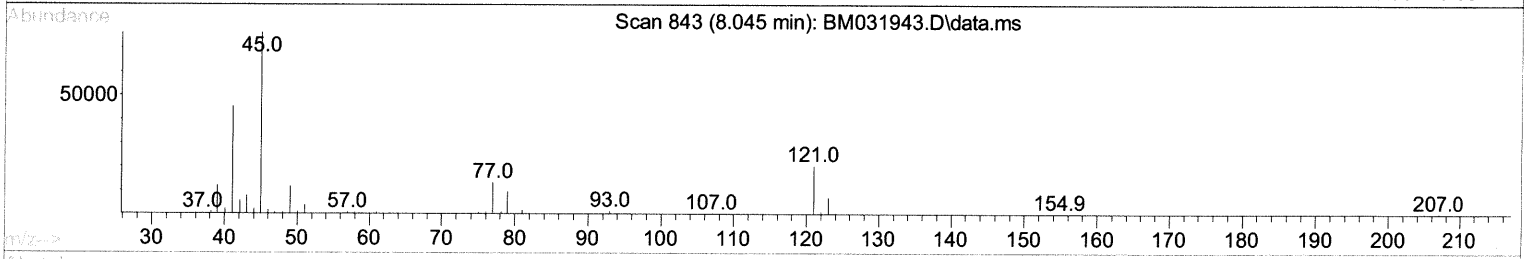
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031943.D
Acq On : 30 Aug 2021 10:27
Operator : CG/JU
Sample : PB138564BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

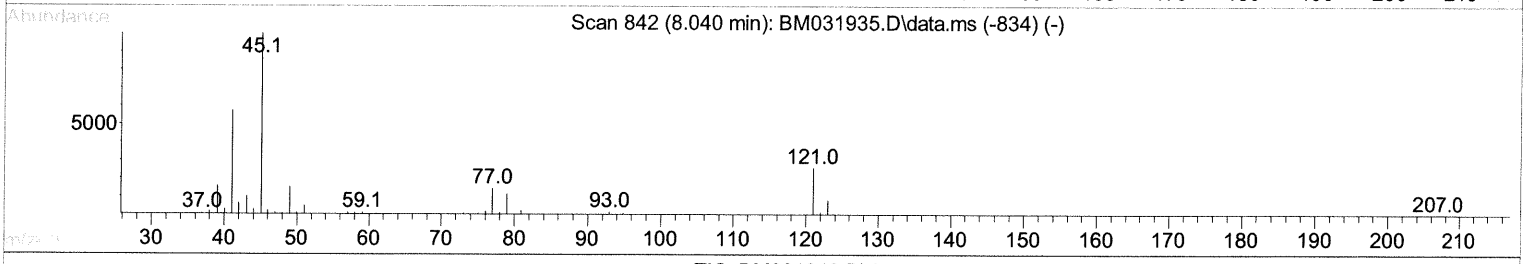
Quant Time: Aug 30 10:59:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS564

Manual Integrations APPROVED
mohammad
8/31/2021 11:36:45 AM







TIC: BM031943.D\data.ms

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

8.045min (+ 0.006) 36.60 ng/ul m 09/01/21 JU

response 187869

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	12.80	17.36#
79.00	9.80	12.43#
0.00	0.00	0.00

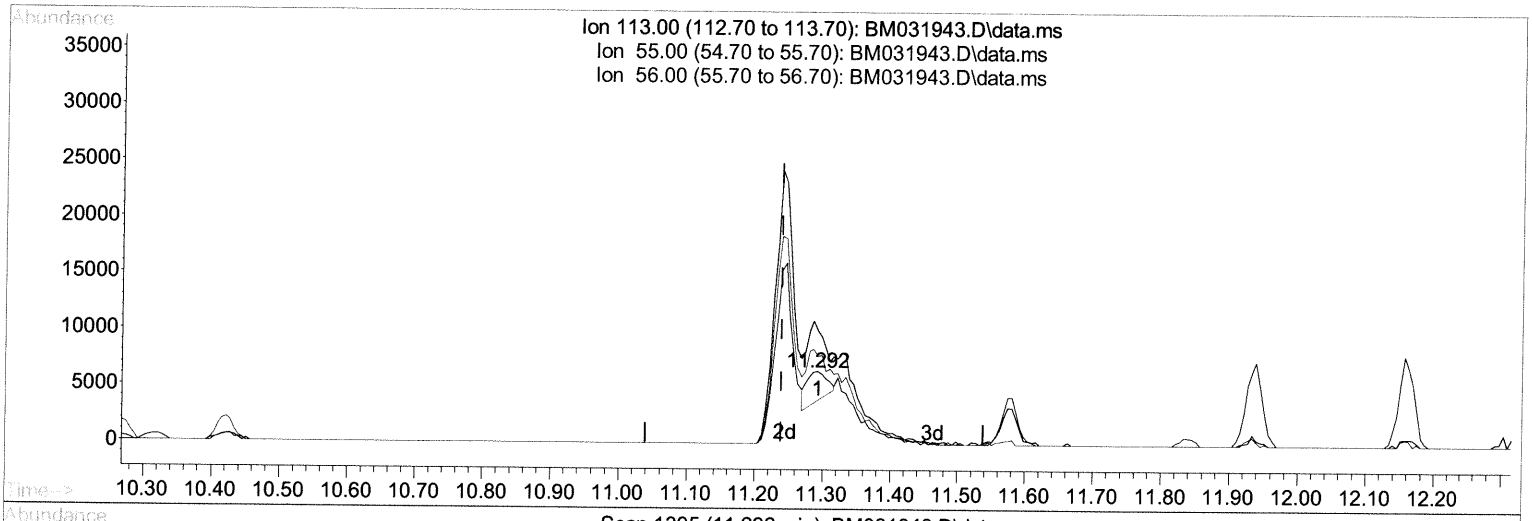
Quantitation Report (Qedit)

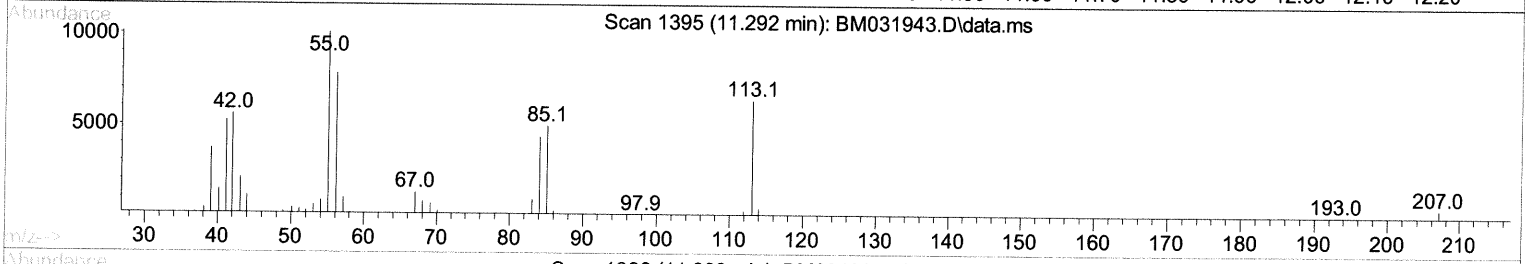
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031943.D
Acq On : 30 Aug 2021 10:27
Operator : CG/JU
Sample : PB138564BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

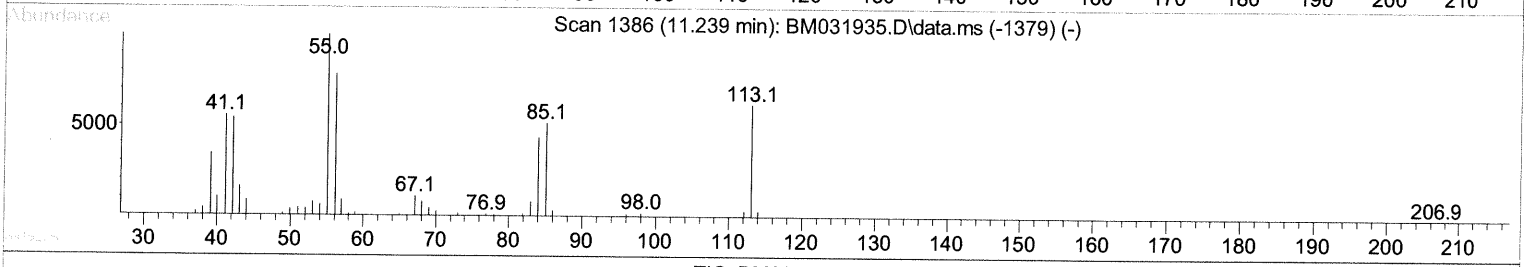
Quant Time: Aug 30 10:59:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS564

Manual Integrations APPROVED
mohammad
8/31/2021 11:36:45 AM







TIC: BM031943.D\data.ms

(34) Caprolactam

11.292min (+ 0.053) 3.70 ng/ul

response 5567

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	156.96
56.00	127.40	121.79
0.00	0.00	0.00

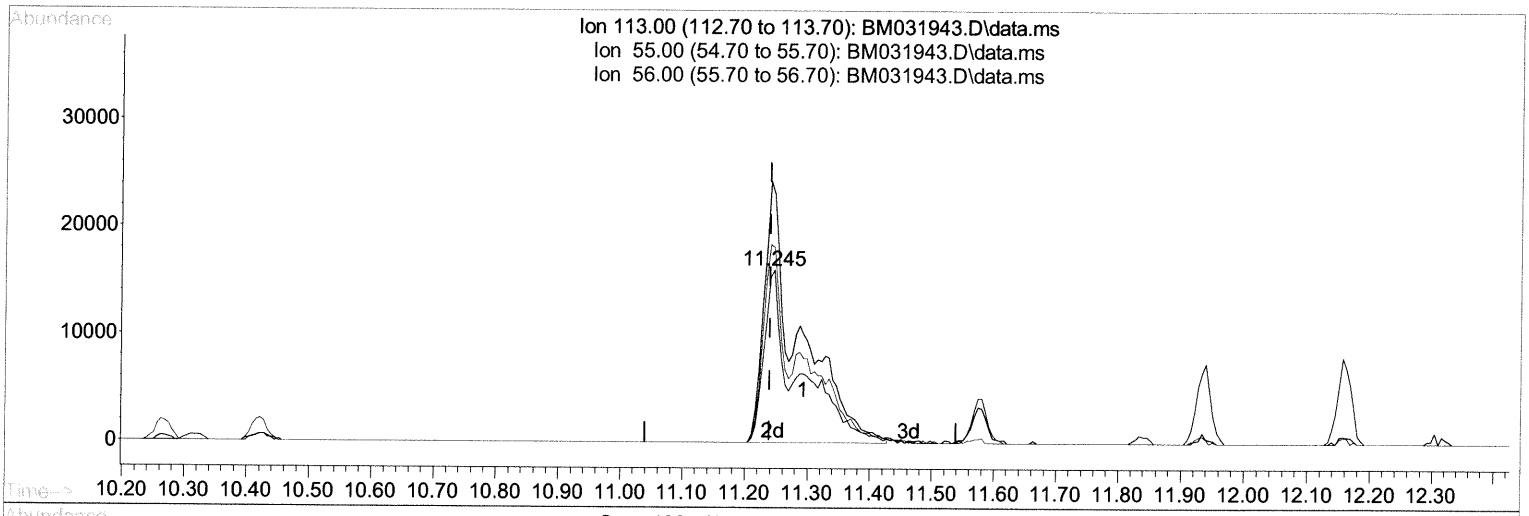
Quantitation Report (Qedit)

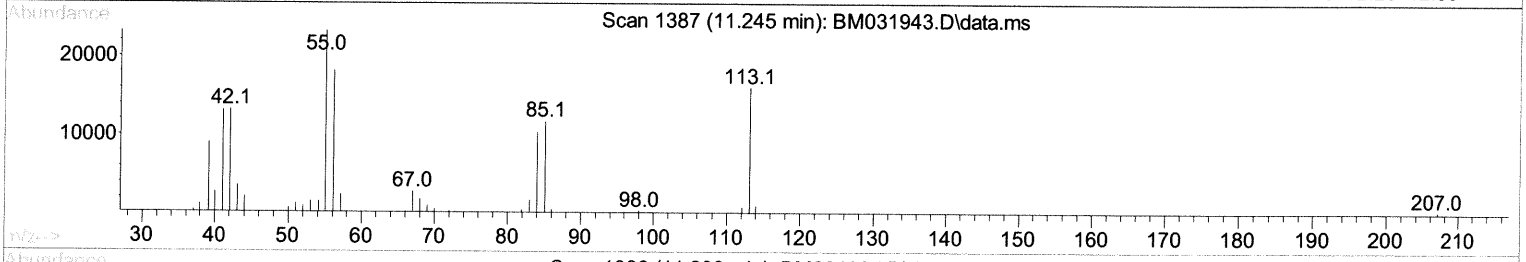
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031943.D
Acq On : 30 Aug 2021 10:27
Operator : CG/JU
Sample : PB138564BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

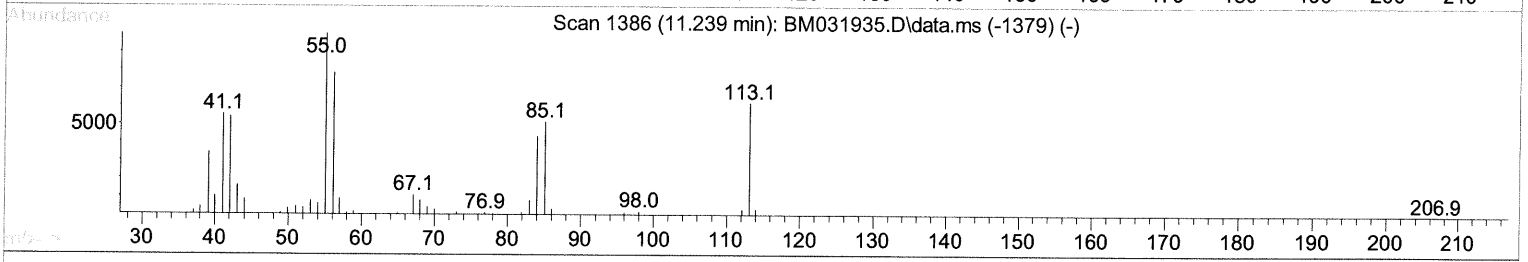
Quant Time: Aug 30 10:59:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS564

Manual Integrations APPROVED
mohammad
8/31/2021 11:36:45 AM







TIC: BM031943.D\data.ms

(34) Caprolactam

11.245min (+ 0.006) 39.74 ng/ul m 09/01/21 JU

response 59777

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	144.35#
56.00	127.40	113.42
0.00	0.00	0.00

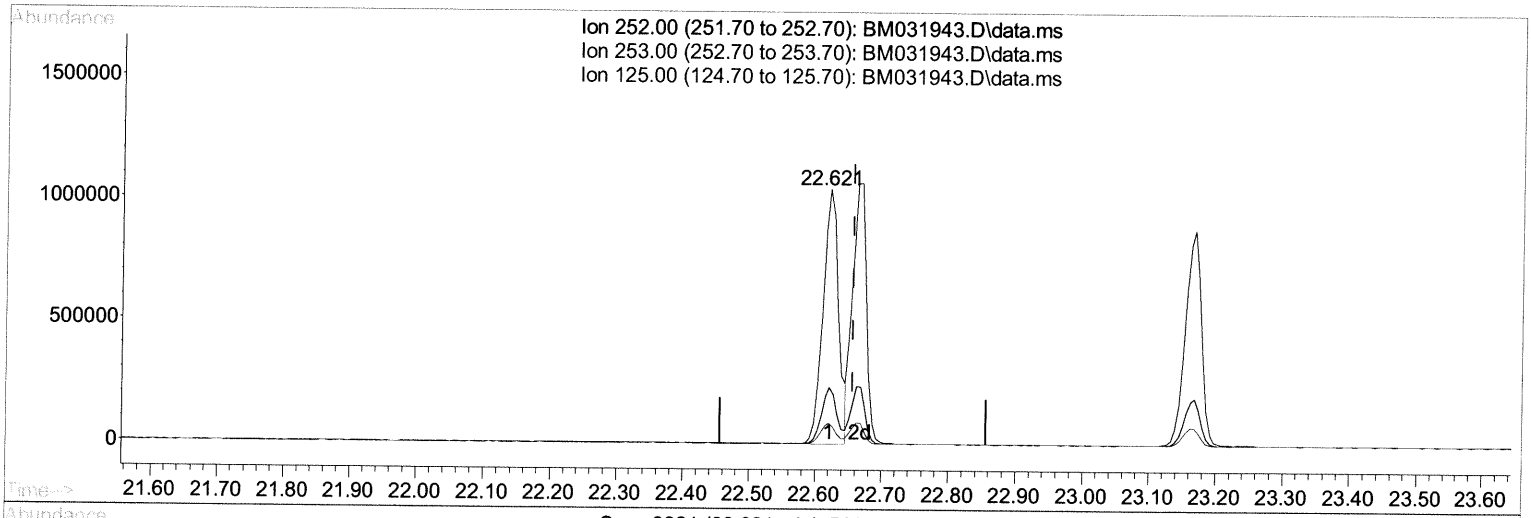
Quantitation Report (Qedit)

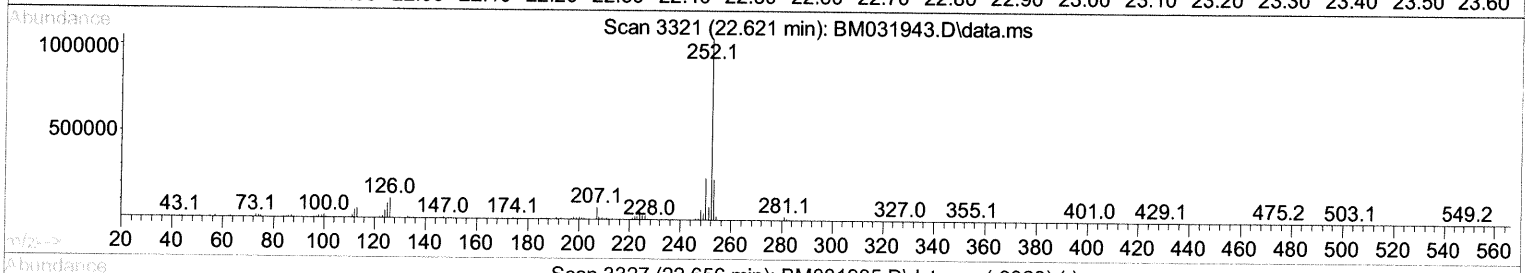
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031943.D
Acq On : 30 Aug 2021 10:27
Operator : CG/JU
Sample : PB138564BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

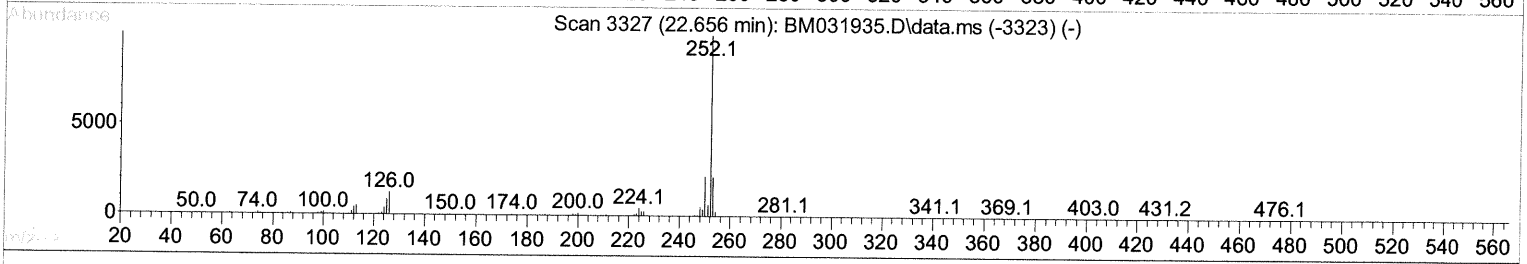
Quant Time: Aug 30 10:59:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS564

Manual Integrations APPROVED
mohammad
8/31/2021 11:36:45 AM







TIC: BM031943.D\data.ms

(91) Benzo(k)fluoranthene

22.621min (-0.035) 41.71 ng/ul

response 1706838

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	22.23
125.00	9.90	8.19
0.00	0.00	0.00

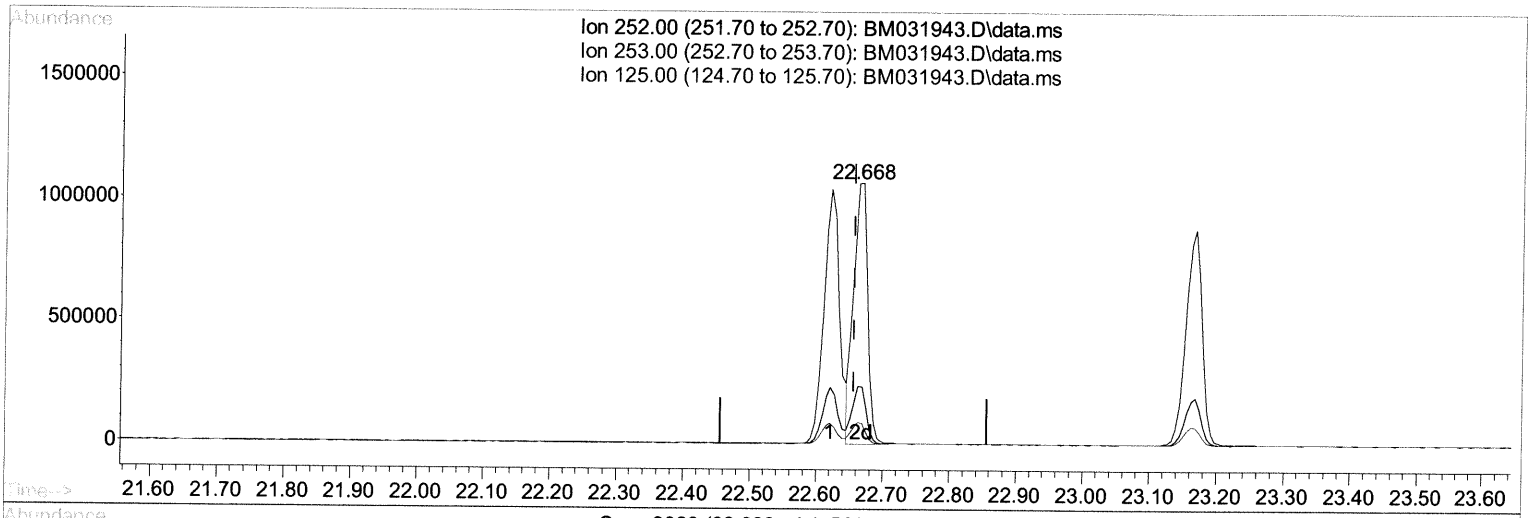
Quantitation Report (Qedit)

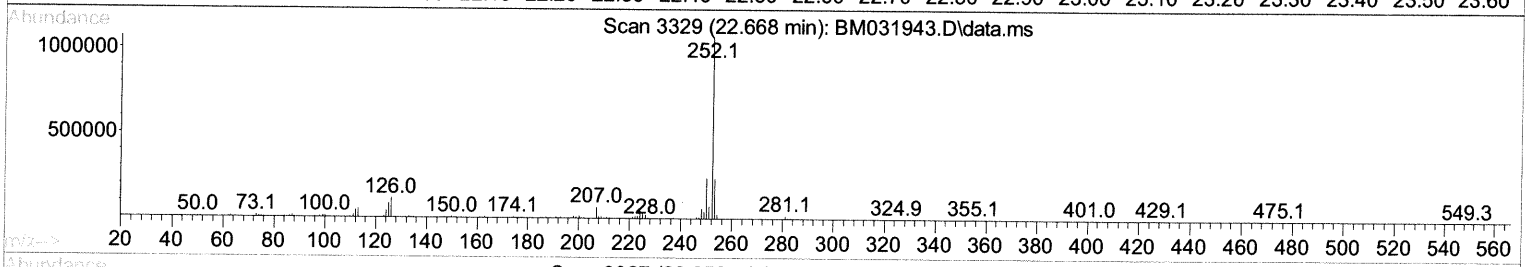
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031943.D
Acq On : 30 Aug 2021 10:27
Operator : CG/JU
Sample : PB138564BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

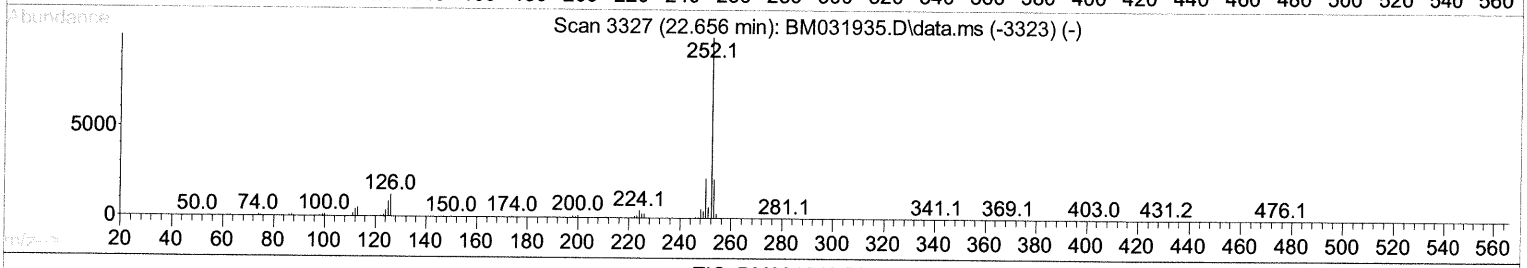
Quant Time: Aug 30 10:59:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS564

Manual Integrations APPROVED
mohammad
8/31/2021 11:36:45 AM







TIC: BM031943.D\data.ms

(91) Benzo(k)fluoranthene

22.668min (+ 0.012) 38.46 ng/ul m 09/01/21 JU

response 1573871

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	21.91
125.00	9.90	7.85#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031943.D
Acq On : 30 Aug 2021 10:27
Operator : CG/JU
Sample : PB138564BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 30 10:59:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SLCS564

Manual Integrations APPROVED
mohammad
8/31/2021 11:36:45 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	62149	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	275090	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.151	164	221280	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.909	188	508516	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.115	240	608713	20.000	ng/ul	# 0.00
88) Perylene-d12	23.256	264	663494	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	10474	7.776	ng/uL	0.00
4) Pyridine-d5	3.522	84	143706	37.570	ng/ul	0.00
7) Phenol-d5	6.704	99	207335	40.230	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	118023	39.581	ng/ul	0.00
11) 2-Chlorophenol-d4	7.051	132	167286	42.182	ng/ul	0.00
15) 4-Methylphenol-d8	8.222	113	178151	40.291	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	87330	43.708	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	101544	42.943	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.898	165	205420	43.299	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	265075	39.609	ng/ul	0.00
46) Dimethylphthalate-d6	13.580	166	693295	41.406	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	858335	43.286	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	126218	41.646	ng/ul	0.00
60) Fluorene-d10	15.151	176	619134	42.065	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	141371	40.460	ng/ul	0.00
73) Anthracene-d10	17.004	188	1023138	42.389	ng/ul	0.00
81) Pyrene-d10	19.309	212	1234355	43.293	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.121	264	1448270	41.533	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.163	88	18783	11.566	ng/uL	92
5) Pyridine	3.540	79	135198	34.381	ng/ul	90
6) Benzaldehyde	6.681	77	108336m	> 46.435	ng/ul	> 09/01/21 JU
8) Phenol	6.734	94	197116	38.010	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.957	93	148231	37.529	ng/ul	91
12) 2-Chlorophenol	7.081	128	160394	40.502	ng/ul	94
13) 2-Methylphenol	7.957	108	150008	37.516	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.045	45	187869m	> 36.600	ng/ul	> 09/01/21 JU
16) Acetophenone	8.334	105	259364	37.453	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.322	70	133059	39.384	ng/ul	96
18) 4-Methylphenol	8.287	108	167580	37.741	ng/ul	94
19) Hexachloroethane	8.557	117	65287	38.485	ng/ul	90
22) Nitrobenzene	8.704	77	201000	39.847	ng/ul	99
23) Isophorone	9.228	82	371737	40.041	ng/ul#	95
25) 2-Nitrophenol	9.404	139	100922	40.971	ng/ul	92
26) 2,4-Dimethylphenol	9.469	107	194522	38.794	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.710	93	220124	39.998	ng/ul	97
29) 2,4-Dichlorophenol	9.928	162	186011	41.220	ng/ul	98
30) Naphthalene	10.316	128	540602	39.255	ng/ul	100
32) 4-Chloroaniline	10.445	127	244715	36.657	ng/ul	98
33) Hexachlorobutadiene	10.592	225	119678	39.977	ng/ul	98
34) Caprolactam	11.245	113	59777m	> 39.740	ng/ul	> 09/01/21 JU
35) 4-Chloro-3-methylphenol	11.575	107	198511	41.948	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031943.D
Acq On : 30 Aug 2021 10:27
Operator : CG/JU
Sample : PB138564BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 30 10:59:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SLCS564

Manual Integrations APPROVED
mohammad
8/31/2021 11:36:45 AM

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	11.939	142	437809	40.321 ng/ul	100
37) 1-Methylnaphthalene	12.157	142	424683	38.399 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.316	216	249024	39.205 ng/ul	99
40) Hexachlorocyclopentadiene	12.280	237	117172	34.272 ng/ul	91
41) 2,4,6-Trichlorophenol	12.569	196	171549	40.314 ng/ul	97
42) 2,4,5-Trichlorophenol	12.639	196	185551	40.153 ng/ul	97
43) 1,1'-Biphenyl	12.974	154	601750	38.661 ng/ul	98
44) 2-Chloronaphthalene	13.010	162	476546	38.645 ng/ul	100
45) 2-Nitroaniline	13.239	65	139958	41.196 ng/ul	99
47) Dimethylphthalate	13.627	163	640323	38.947 ng/ul	99
48) 2,6-Dinitrotoluene	13.751	165	135591	41.804 ng/ul	97
50) Acenaphthylene	13.868	152	722865	39.618 ng/ul	99
51) 3-Nitroaniline	14.080	138	125812	41.450 ng/ul	95
52) Acenaphthene	14.216	153	519532	39.206 ng/ul	99
53) 2,4-Dinitrophenol	14.298	184	87693	38.669 ng/ul	94
55) 4-Nitrophenol	14.404	109	112076	40.056 ng/ul	87
56) Dibenzofuran	14.557	168	769270	39.364 ng/ul	100
57) 2,4-Dinitrotoluene	14.551	165	203260	41.783 ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	14.786	232	171277	41.288 ng/ul#	98
59) Diethylphthalate	15.004	149	678825	40.398 ng/ul	98
61) Fluorene	15.210	166	660430	39.940 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.210	204	334383	39.484 ng/ul	98
63) 4-Nitroaniline	15.257	138	117710	43.293 ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.310	198	130797	38.498 ng/ul	97
67) N-Nitrosodiphenylamine	15.433	169	576049	39.446 ng/ul	98
68) 4-Bromophenyl-phenylether	16.110	248	206493	39.626 ng/ul	99
69) Hexachlorobenzene	16.210	284	237008	39.173 ng/ul	99
70) Atrazine	16.398	200	225267	40.941 ng/ul	97
71) Pentachlorophenol	16.562	266	150700	38.089 ng/ul	98
72) Phenanthrene	16.951	178	1093076	39.357 ng/ul	99
74) Anthracene	17.039	178	1129058	39.721 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.933	216	253164	38.257 ng/uL	100
76) Pentachlorobenzene	14.468	250	262805	37.856 ng/uL	99
77) Carbazole	17.321	167	1014207	38.986 ng/ul	99
78) Di-n-butylphthalate	17.892	149	1250889	41.962 ng/ul	99
80) Fluoranthene	18.974	202	1369114	39.518 ng/ul#	94
82) Pyrene	19.339	202	1436622	39.166 ng/ul	95
83) Butylbenzylphthalate	20.268	149	598755	41.572 ng/ul	94
84) 3,3'-Dichlorobenzidine	21.044	252	537983	39.258 ng/ul	96
85) Benzo(a)anthracene	21.097	228	1495374	39.493 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.044	149	980601	42.216 ng/ul	98
87) Chrysene	21.150	228	1448390	39.769 ng/ul	100
89) Di-n-octyl phthalate	21.903	149	1699063	37.536 ng/ul	100
90) Benzo(b)fluoranthene	22.621	252	1706838	40.377 ng/ul	99
91) Benzo(k)fluoranthene	22.668	252	1573871m	38.458 ng/ul	09/01/2134
93) Benzo(a)pyrene	23.168	252	1498358	39.252 ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	25.368	276	1903074	38.953 ng/ul	96
95) Dibenzo(a,h)anthracene	25.380	278	1608128	39.138 ng/ul#	97
96) Benzo(g,h,i)perylene	26.009	276	1563002	38.634 ng/ul	96

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