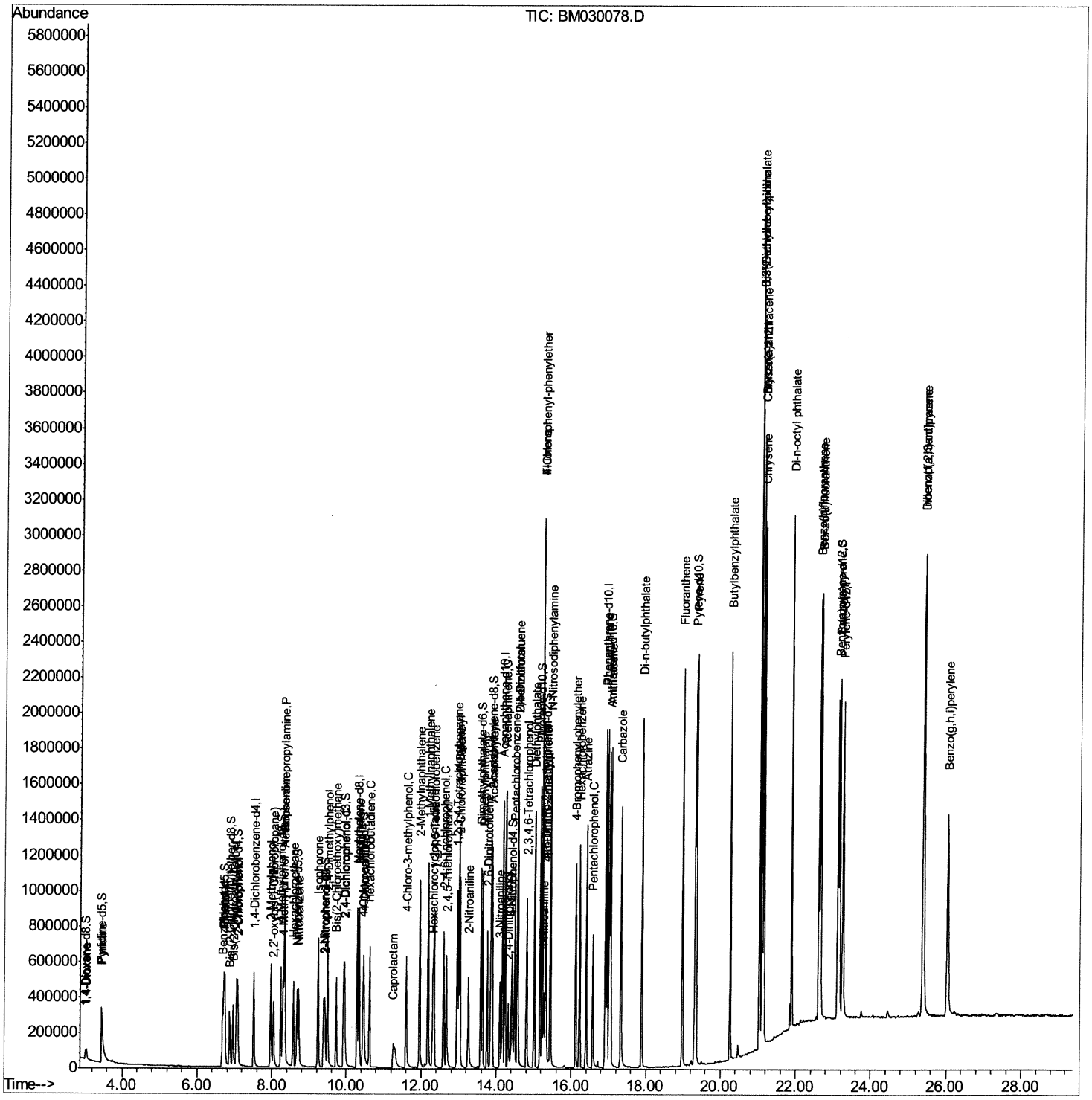
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051921\
Data File : BM030078.D
Acq On : 19 May 2021 10:03
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 19 11:04:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 18 16:38:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
5/20/2021 11:36:06 AM



Quantitation Report (Qedit)

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Data File : BM030078.D
Acq On : 19 May 2021 10:03
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 19 11:00:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 18 16:38:21 2021
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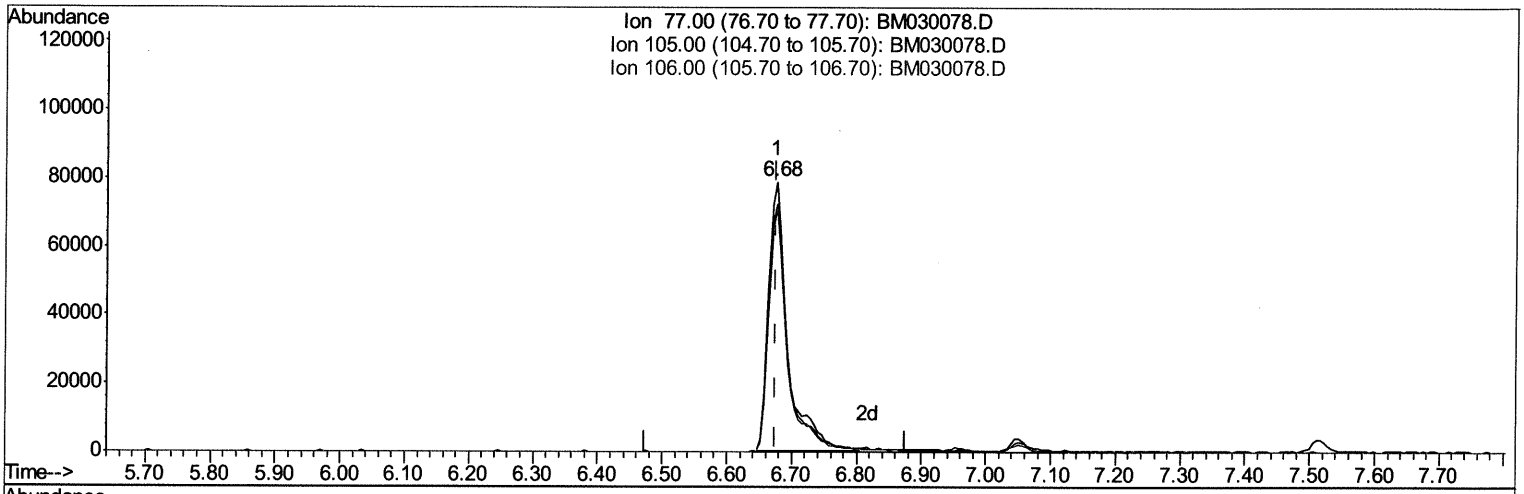

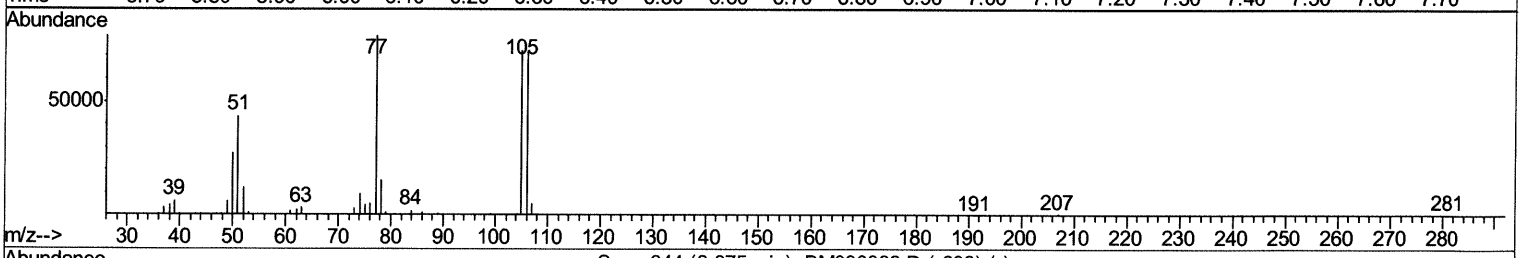

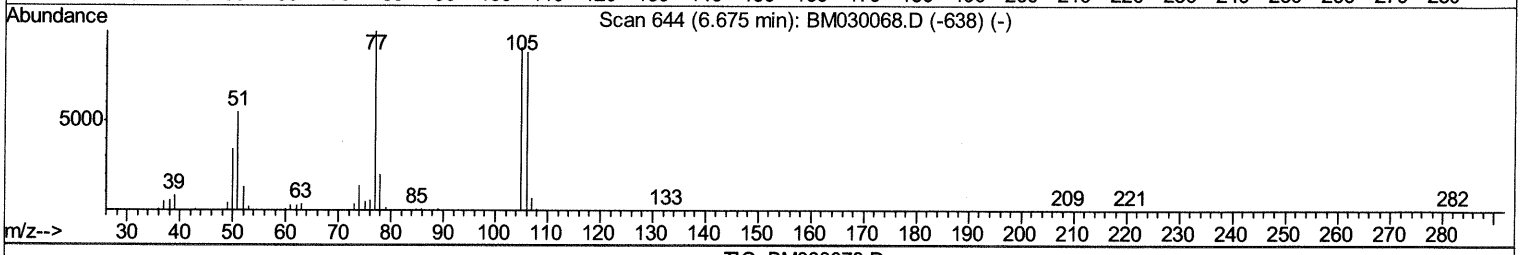

TIC: BM030078.D

(6) Benzaldehyde

6.675min (+0.000) 22.89ng/ul

response 162507

Ion	Exp%	Act%
77.00	100	100
105.00	97.10	91.76
106.00	90.30	90.93
0.00	0.00	0.00

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mohammad
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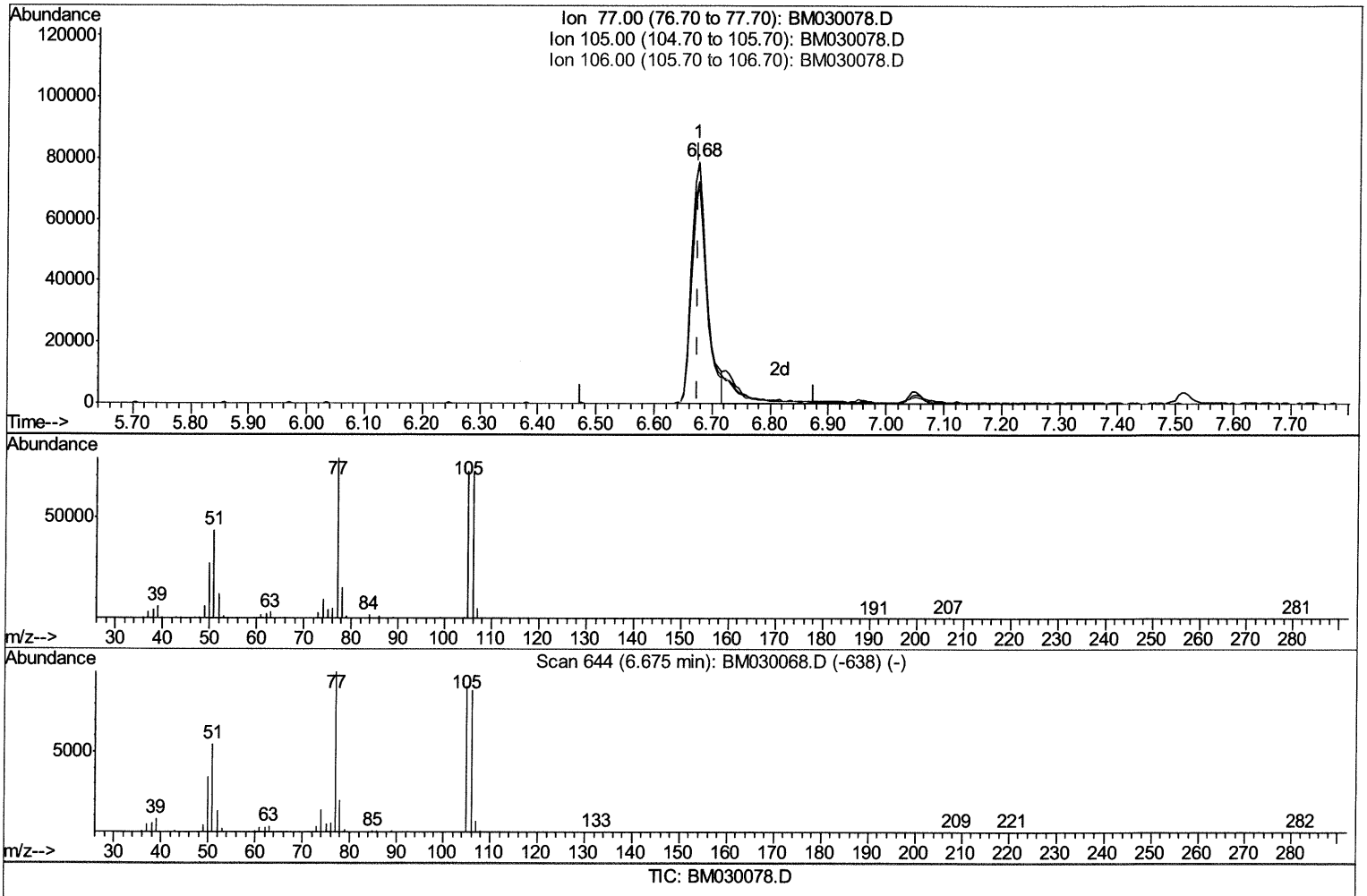

TIC: BM030078.D

(6) Benzaldehyde

6.675min (+0.000) 20.35ng/ul m 05/21/21 JU

response 144453

Ion	Exp%	Act%
77.00	100	100
105.00	97.10	91.76
106.00	90.30	90.93
0.00	0.00	0.00

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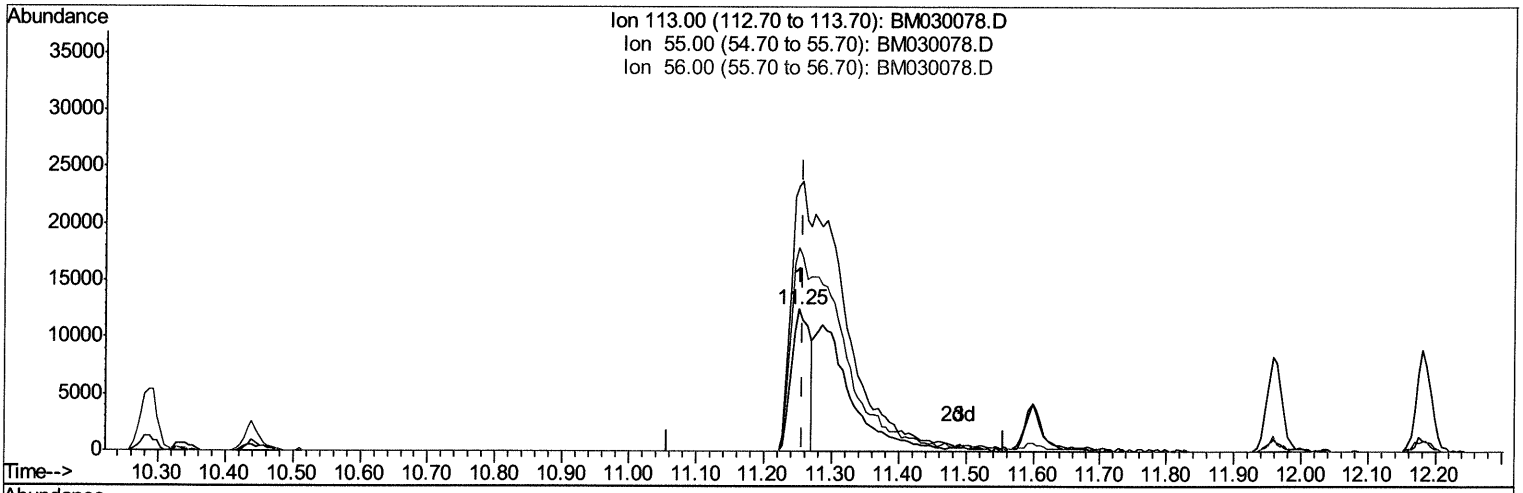

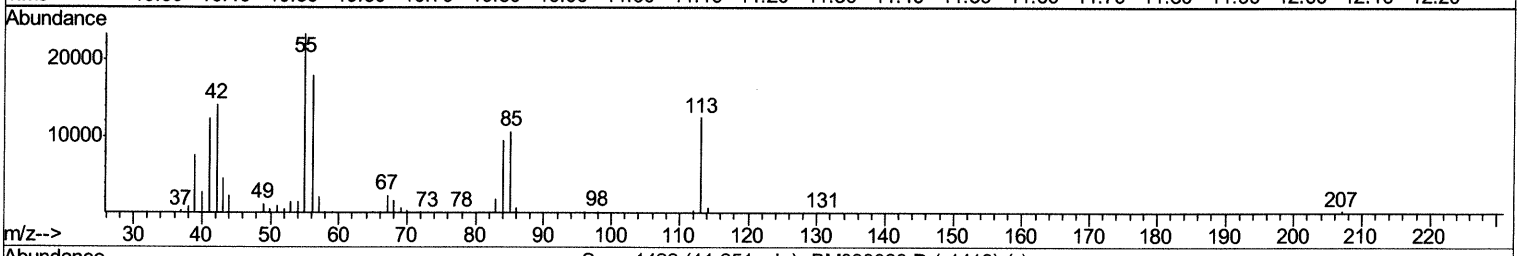

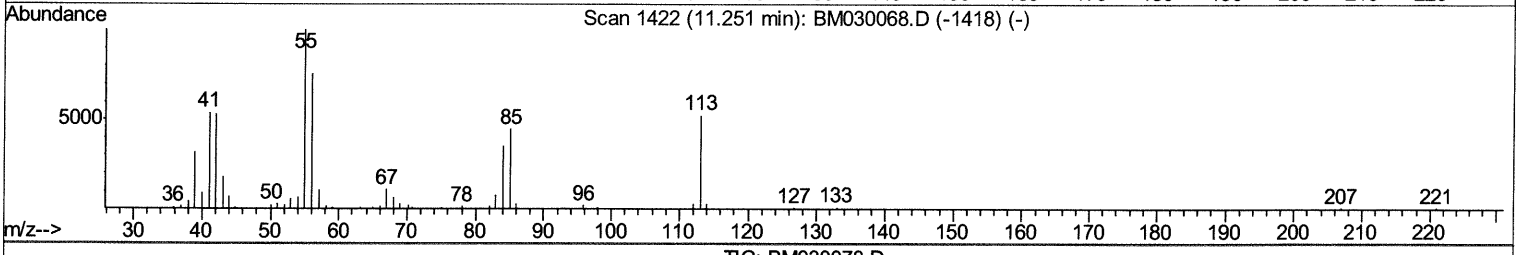

TIC: BM030078.D

(34) Caprolactam

11.251min (-0.006) 6.17ng/ul

response 23386

Ion	Exp%	Act%
113.00	100	100
55.00	173.60	186.60
56.00	131.80	143.85
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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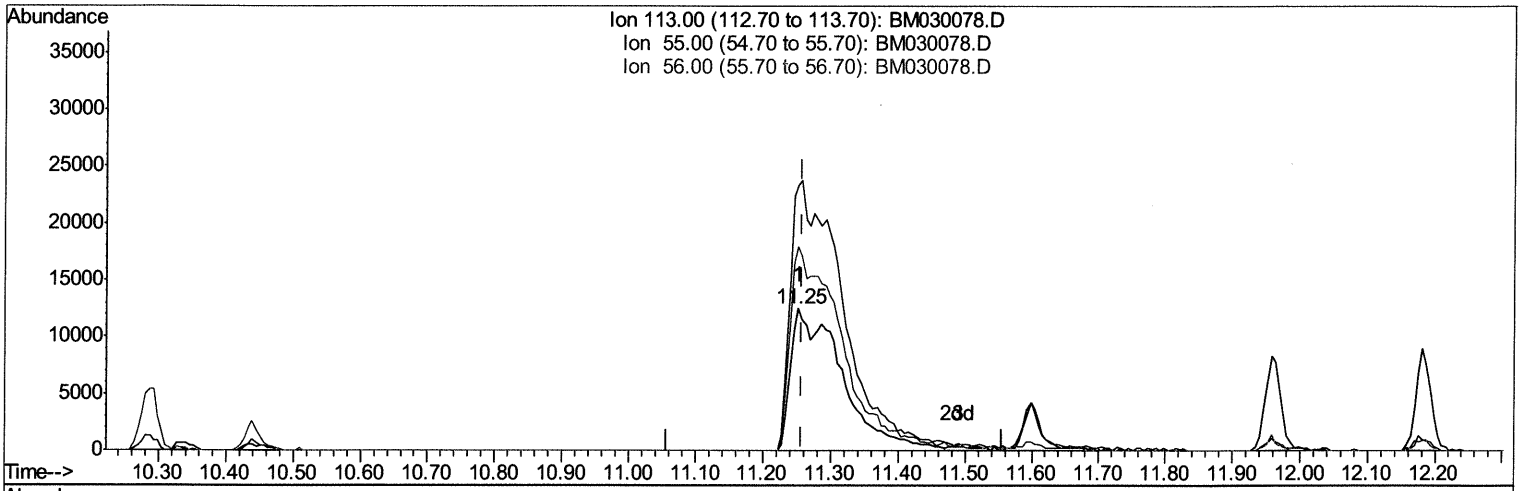

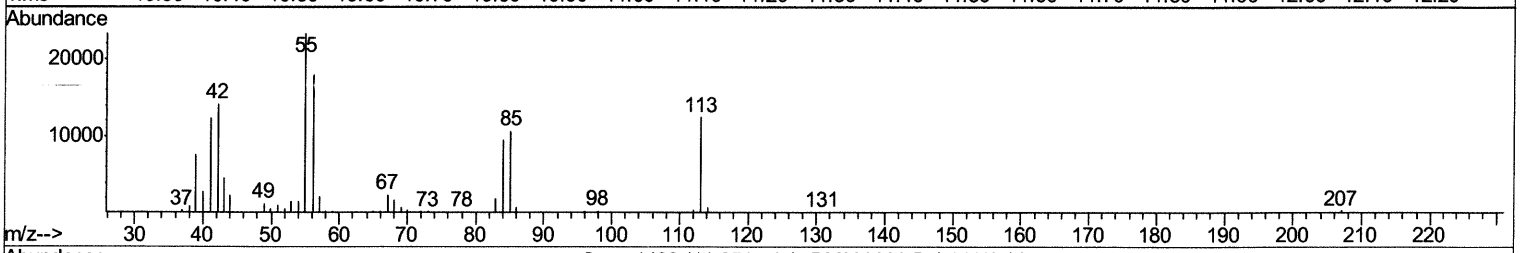

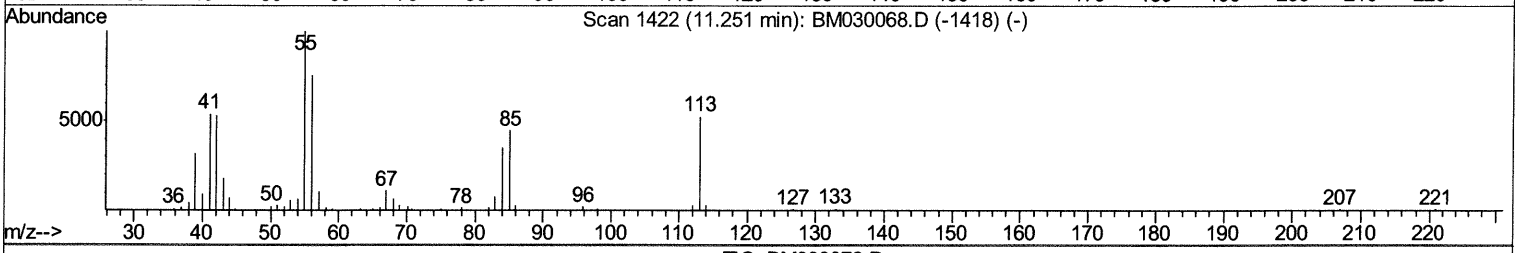

TIC: BM030078.D

(34) Caprolactam

11.251min (-0.006) 17.41ng/ul m 05/21/21 JU

response 66017

Ion	Exp%	Act%
113.00	100	100
55.00	173.60	186.60
56.00	131.80	143.85
0.00	0.00	0.00

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mohammad
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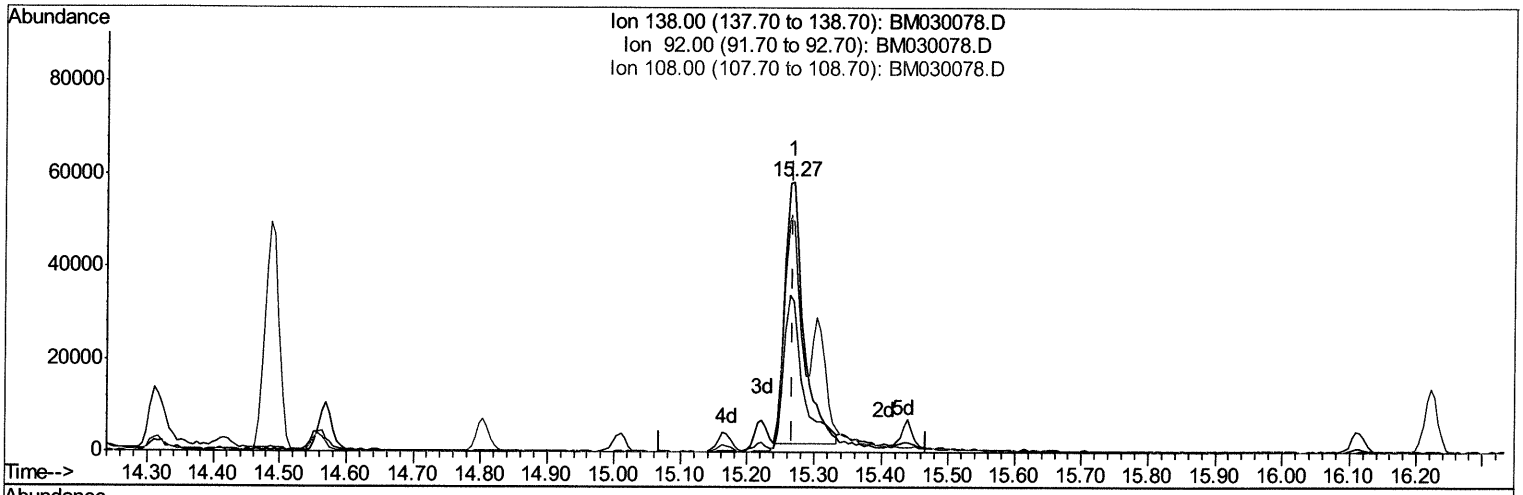

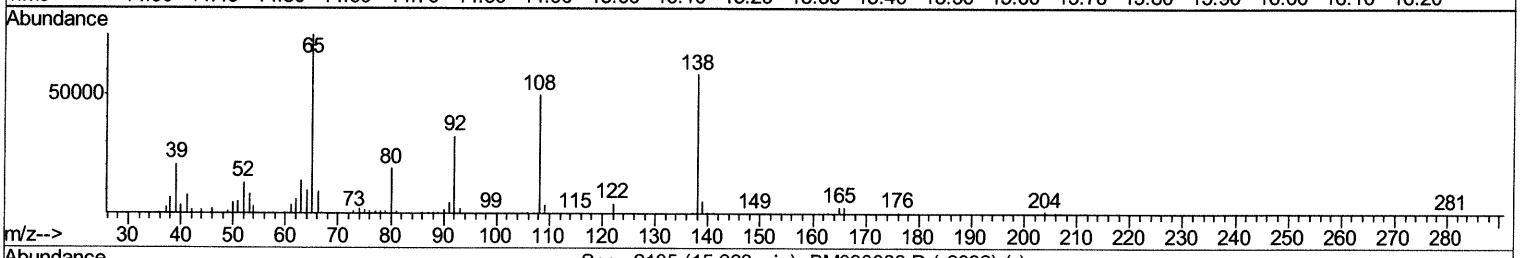

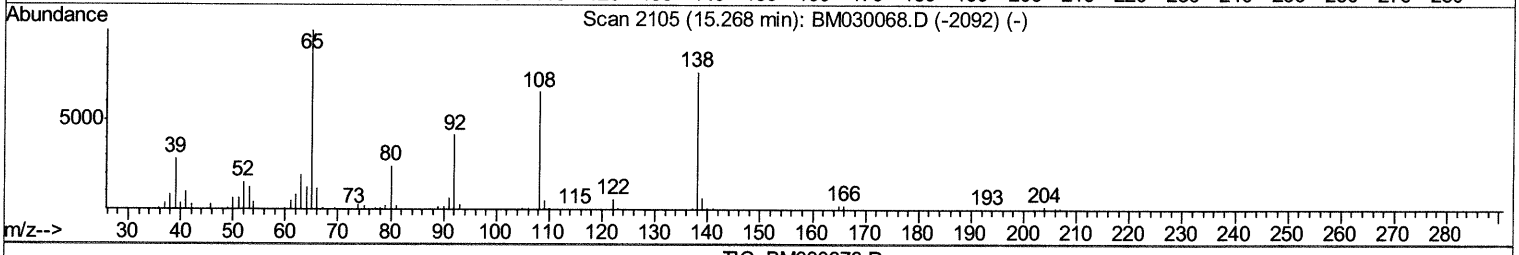

TIC: BM030078.D

(63) 4-Nitroaniline

15.269min (+0.000) 14.59ng/ul

response 110300

Ion	Exp%	Act%
138.00	100	100
92.00	56.00	55.83
108.00	81.60	85.31
0.00	0.00	0.00

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Manual Integrations APPROVED
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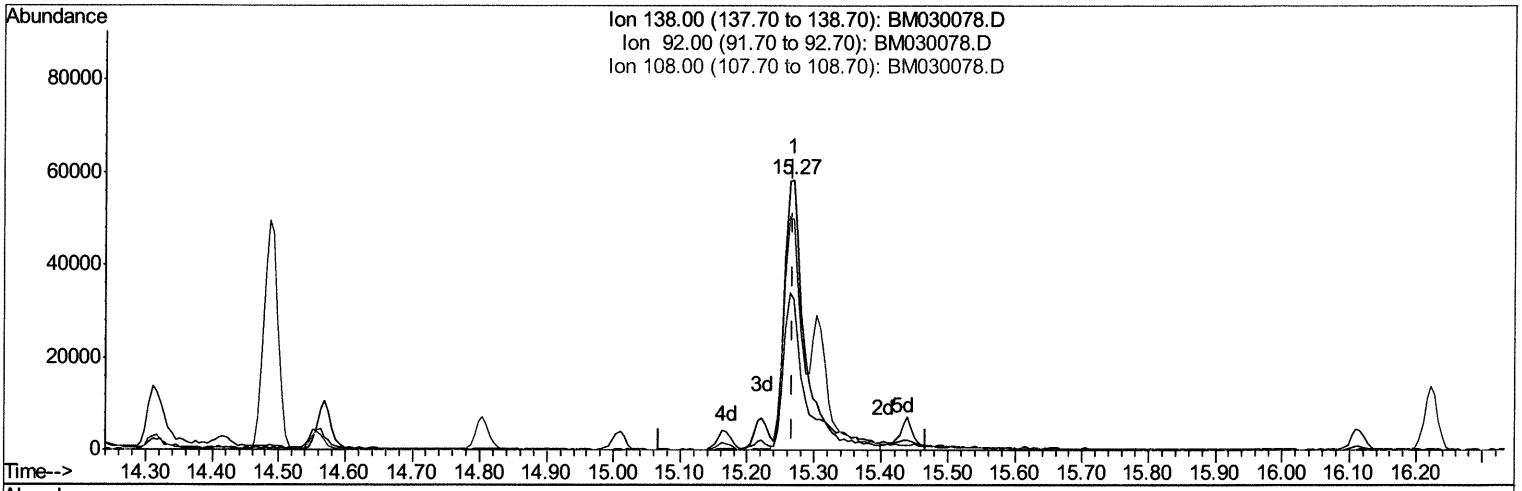

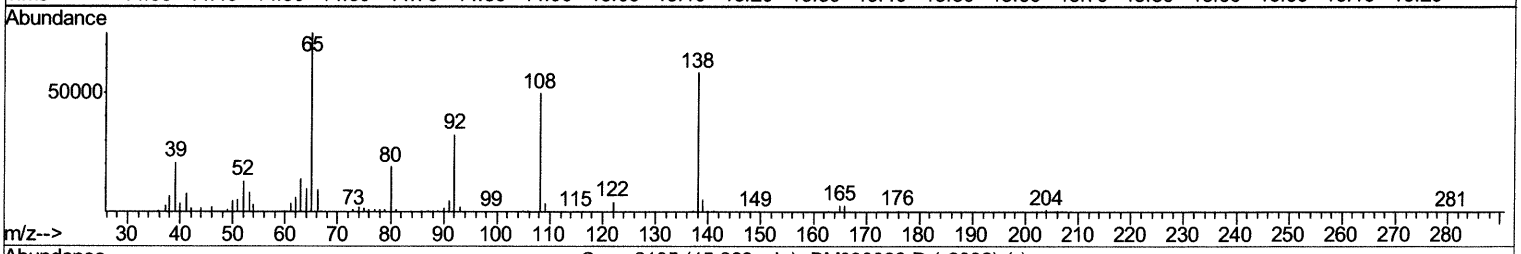

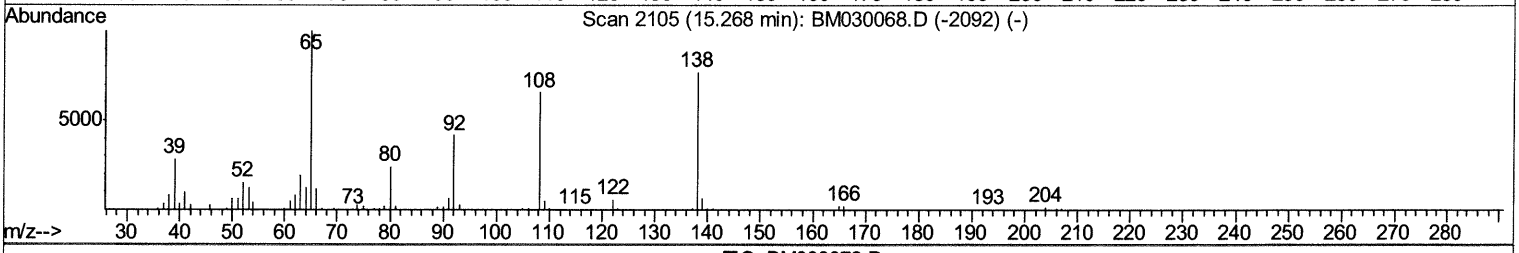

TIC: BM030078.D

(63) 4-Nitroaniline

15.269min (+0.000) 18.63ng/ul m 05/21/21 JU

response 140842

Ion	Exp%	Act%
138.00	100	100
92.00	56.00	55.83
108.00	81.60	85.31
0.00	0.00	0.00

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Misc :
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Manual Integrations APPROVED
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	147884	20.00	ng/ul	0.00
20) Naphthalene-d8	10.29	136	697684	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.17	164	487301	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.92	188	1033624	20.00	ng/ul	0.00
79) Chrysene-d12	21.11	240	1149436	20.00	ng/ul	0.00
88) Perylene-d12	23.25	264	1177558	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	28582	7.72	ng/uL	0.00
4) Pyridine-d5	3.45	84	155646	16.79	ng/ul	0.00
7) Phenol-d5	6.70	99	239783	17.44	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.86	67	159211	18.67	ng/ul	0.00
11) 2-Chlorophenol-d4	7.05	132	200896	18.93	ng/ul	0.00
15) 4-Methylphenol-d8	8.23	113	201260	17.69	ng/ul	0.00
21) Nitrobenzene-d5	8.67	128	95379	19.84	ng/ul	0.00
24) 2-Nitrophenol-d4	9.39	143	107045	19.73	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.92	165	206681	18.99	ng/ul	0.00
31) 4-Chloroaniline-d4	10.44	131	289924	17.51	ng/ul	0.00
46) Dimethylphthalate-d6	13.59	166	690369	18.28	ng/ul	0.00
49) Acenaphthylene-d8	13.86	160	870357	18.18	ng/ul	0.00
54) 4-Nitrophenol-d4	14.40	143	98445	16.00	ng/ul	0.00
60) Fluorene-d10	15.16	176	587331	18.32	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.31	200	121596	18.11	ng/ul	0.00
73) Anthracene-d10	17.02	188	935794	17.98	ng/ul	0.00
81) Pyrene-d10	19.32	212	1065985	18.08	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.12	264	1234943	18.50	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	30017	7.490	ng/uL	97
5) Pyridine	3.47	79	158166	16.632	ng/ul	94
6) Benzaldehyde	6.68	77	144453m>	20.348	ng/ul >	05/21/21 JU
8) Phenol	6.73	94	245621	17.493	ng/ul	93
10) Bis(2-Chloroethyl)ether	6.96	93	196792	17.726	ng/ul	96
12) 2-Chlorophenol	7.08	128	200028	18.479	ng/ul	95
13) 2-Methylphenol	7.97	108	186424	17.524	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.05	45	359245	21.482	ng/ul	97
16) Acetophenone	8.34	105	327010	17.917	ng/ul	95
17) N-Nitroso-di-n-propylamine	8.33	70	187193	20.045	ng/ul	95
18) 4-Methylphenol	8.30	108	207030	17.555	ng/ul	99
19) Hexachloroethane	8.57	117	88749	19.405	ng/ul	94
22) Nitrobenzene	8.71	77	251381	20.065	ng/ul	95
23) Isophorone	9.23	82	494404	18.657	ng/ul	99
25) 2-Nitrophenol	9.42	139	119441	20.273	ng/ul	99
26) 2,4-Dimethylphenol	9.49	107	246564	18.547	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.72	93	288498	18.588	ng/ul	98
29) 2,4-Dichlorophenol	9.95	162	196789	18.415	ng/ul	99
30) Naphthalene	10.33	128	701189	18.107	ng/ul	99
32) 4-Chloroaniline	10.46	127	291841	17.107	ng/ul	100
33) Hexachlorobutadiene	10.62	225	131869	18.405	ng/ul	96
34) Caprolactam	11.25	113	66017m >	17.407	ng/ul >	05/21/21 JU

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.60	107	225345	19.055	ng/ul	100
36) 2-Methylnaphthalene	11.96	142	517094	18.407	ng/ul	100
37) 1-Methylnaphthalene	12.18	142	513901	18.459	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.34	216	265375	17.623	ng/ul	99
40) Hexachlorocyclopentadiene	12.31	237	124731	15.946	ng/ul	98
41) 2,4,6-Trichlorophenol	12.59	196	166287	18.109	ng/ul	99
42) 2,4,5-Trichlorophenol	12.67	196	177083	18.222	ng/ul	99
43) 1,1'-Biphenyl	12.99	154	679724	17.944	ng/ul	97
44) 2-Chloronaphthalene	13.03	162	515013	17.716	ng/ul	100
45) 2-Nitroaniline	13.26	65	162296	22.088	ng/ul	95
47) Dimethylphthalate	13.64	163	694745	18.369	ng/ul	99
48) 2,6-Dinitrotoluene	13.76	165	136057	20.039	ng/ul	97
50) Acenaphthylene	13.89	152	829351	17.915	ng/ul	99
51) 3-Nitroaniline	14.09	138	130986	17.174	ng/ul	97
52) Acenaphthene	14.23	153	588622	17.991	ng/ul	99
53) 2,4-Dinitrophenol	14.32	184	85038	18.409	ng/ul	94
55) 4-Nitrophenol	14.42	109	80630	17.046	ng/ul	100
56) Dibenzofuran	14.57	168	817589	18.245	ng/ul	97
57) 2,4-Dinitrotoluene	14.56	165	205823	20.486	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	14.80	232	172084	18.595	ng/ul	99
59) Diethylphthalate	15.01	149	741158	18.789	ng/ul	99
61) Fluorene	15.22	166	700089	18.275	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.22	204	346704	18.418	ng/ul	100
63) 4-Nitroaniline	15.27	138	140842m>	18.629	ng/ul>	05121/21 JJ
66) 4,6-Dinitro-2-methylphenol	15.32	198	119151	18.033	ng/ul	98
67) N-Nitrosodiphenylamine	15.44	169	606038	18.049	ng/ul	98
68) 4-Bromophenyl-phenylether	16.12	248	208544	18.126	ng/ul	98
69) Hexachlorobenzene	16.22	284	242920	17.780	ng/ul	94
70) Atrazine	16.40	200	216658	17.489	ng/ul	99
71) Pentachlorophenol	16.57	266	130893	16.720	ng/ul	96
72) Phenanthrene	16.96	178	1093343	17.939	ng/ul	99
74) Anthracene	17.05	178	1121445	17.998	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	12.95	216	285984	17.491	ng/uL	97
76) Pentachlorobenzene	14.49	250	274347	17.595	ng/uL	97
77) Carbazole	17.33	167	989249	17.328	ng/ul	99
78) Di-n-butylphthalate	17.89	149	1319358	19.470	ng/ul	100
80) Fluoranthene	18.98	202	1296861	18.071	ng/ul	99
82) Pyrene	19.34	202	1365548	18.082	ng/ul	98
83) Butylbenzylphthalate	20.26	149	600011	22.356	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.03	252	501265	19.169	ng/ul	100
85) Benzo(a)anthracene	21.09	228	1390235	18.538	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.03	149	984793	21.281	ng/ul	98
87) Chrysene	21.14	228	1356303	18.158	ng/ul	100
89) Di-n-octyl phthalate	21.89	149	1688011	18.733	ng/ul	100
90) Benzo(b)fluoranthene	22.62	252	1426922	18.681	ng/ul	100
91) Benzo(k)fluoranthene	22.66	252	1478500	18.411	ng/ul	99
93) Benzo(a)pyrene	23.16	252	1297785	18.708	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.39	276	1611706	19.195	ng/ul	100
95) Dibenzo(a,h)anthracene	25.39	278	1373305	19.295	ng/ul	99
96) Benzo(g,h,i)perylene	26.03	276	1313383	19.306	ng/ul	99

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ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 19 11:04:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 18 16:38:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
5/20/2021 11:36:06 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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