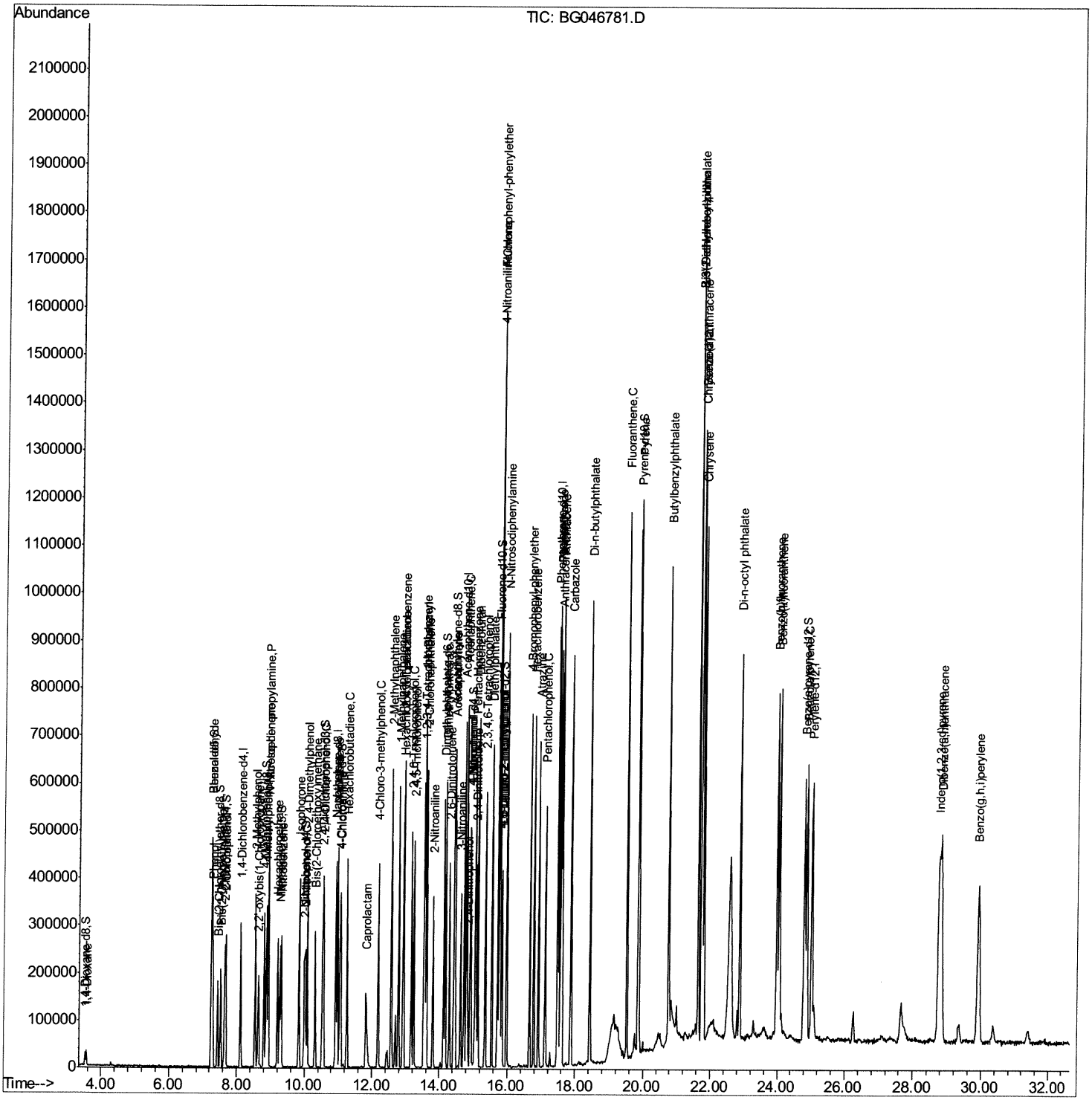
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100220\
Data File : BG046781.D
Acq On : 3 Oct 2020 21:12
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 50 Sample Multiplier: 1

Quant Time: Oct 05 02:45:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 05 00:58:20 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02025

Manual Integrations APPROVED
mohammad
10/5/2020 10:20:04 AM



Quantitation Report (Qedit)

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Acq On : 3 Oct 2020 21:12
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
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Quant Time: Oct 05 01:00:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
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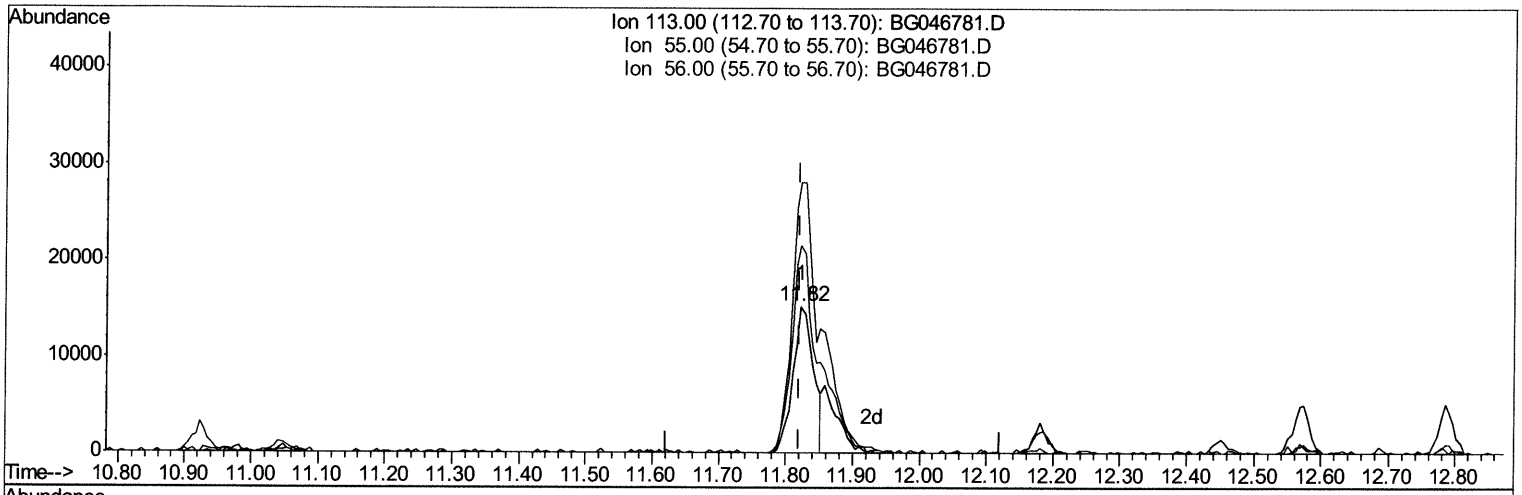

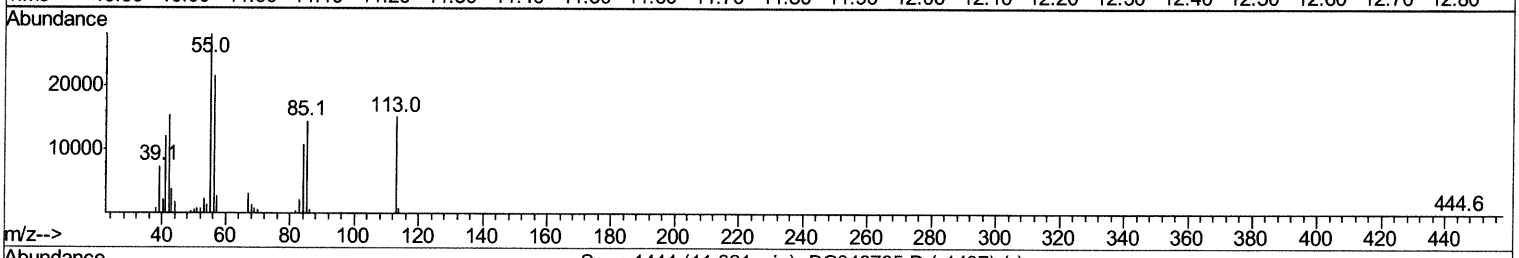

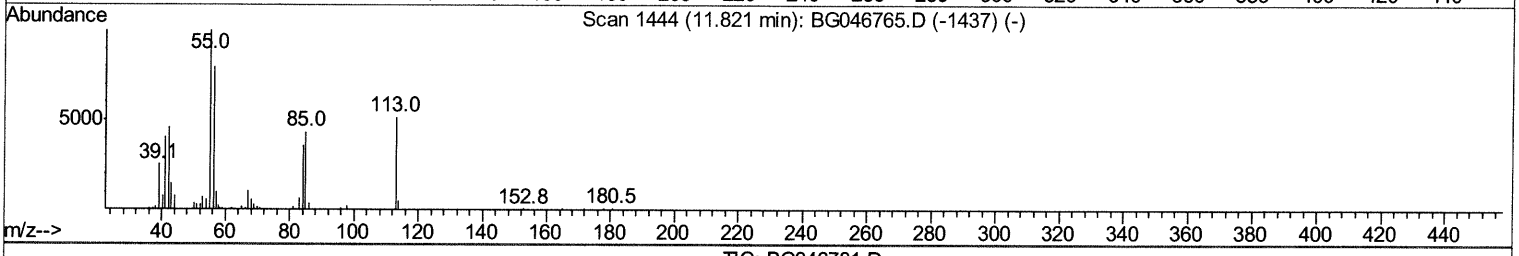

TIC: BG046781.D

(32) Caprolactam

11.822min (+0.001) 15.25ng/ul

response 32185

Ion	Exp%	Act%
113.00	100	100
55.00	188.30	184.81
56.00	140.10	142.25
0.00	0.00	0.00

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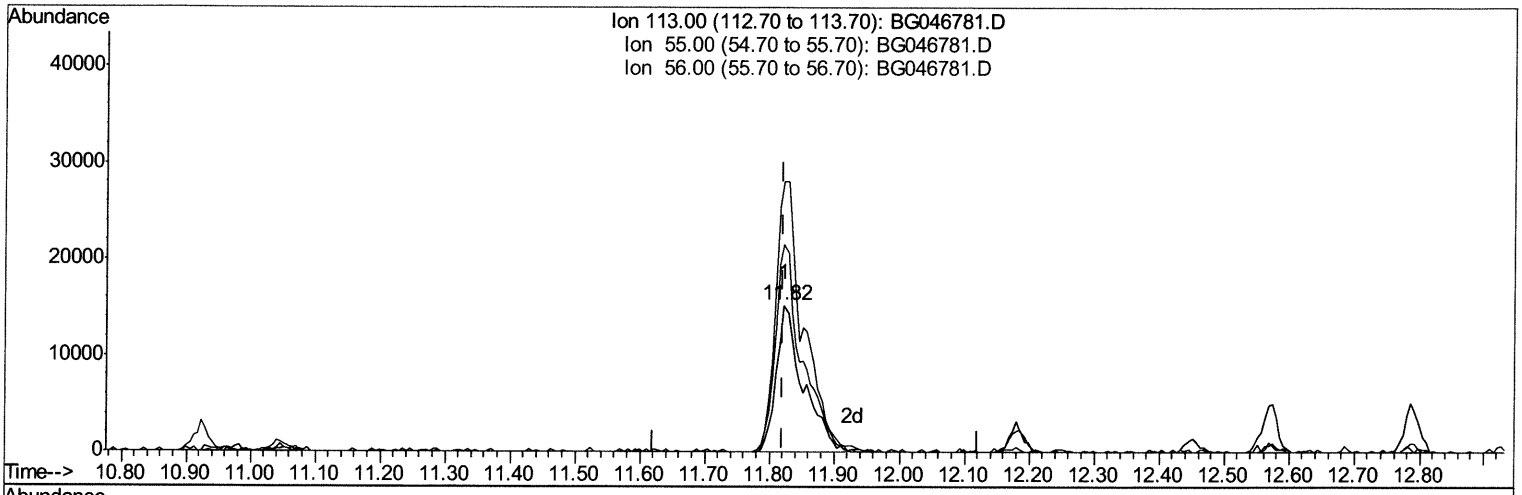

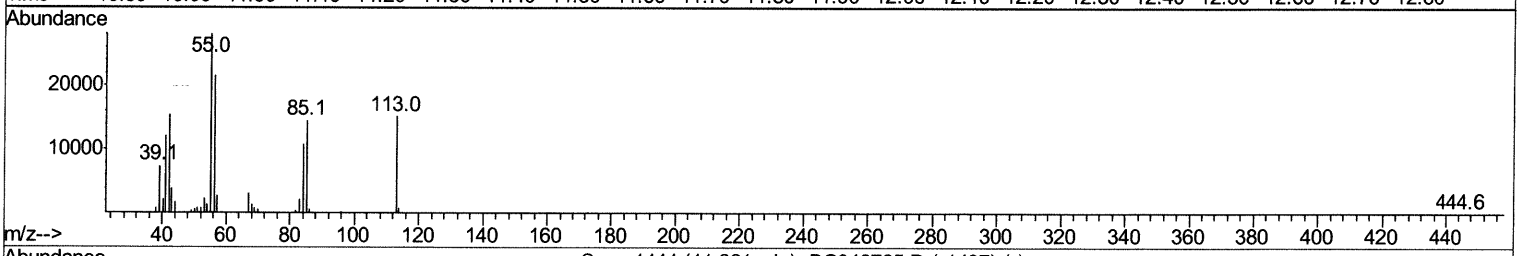

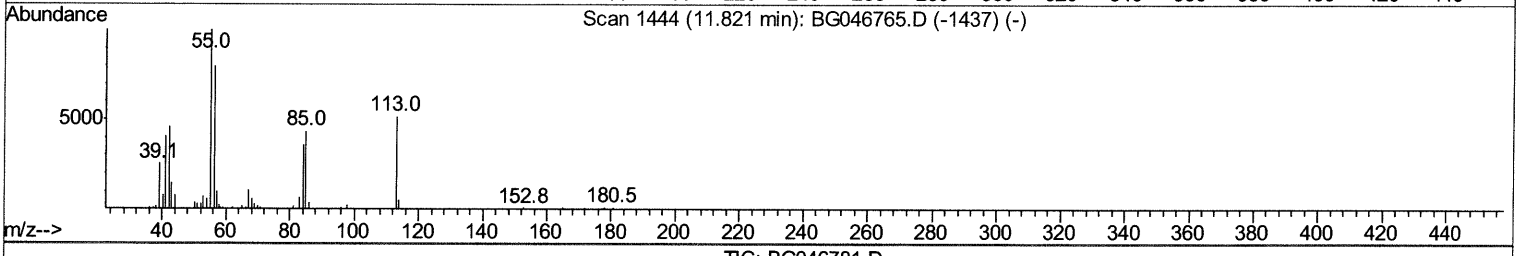

TIC: BG046781.D

(32) Caprolactam

11.822min (+0.001) 20.51ng/ul m 10/06/20 JU

response 43292

Ion	Exp%	Act%
113.00	100	100
55.00	188.30	184.81
56.00	140.10	142.25
0.00	0.00	0.00

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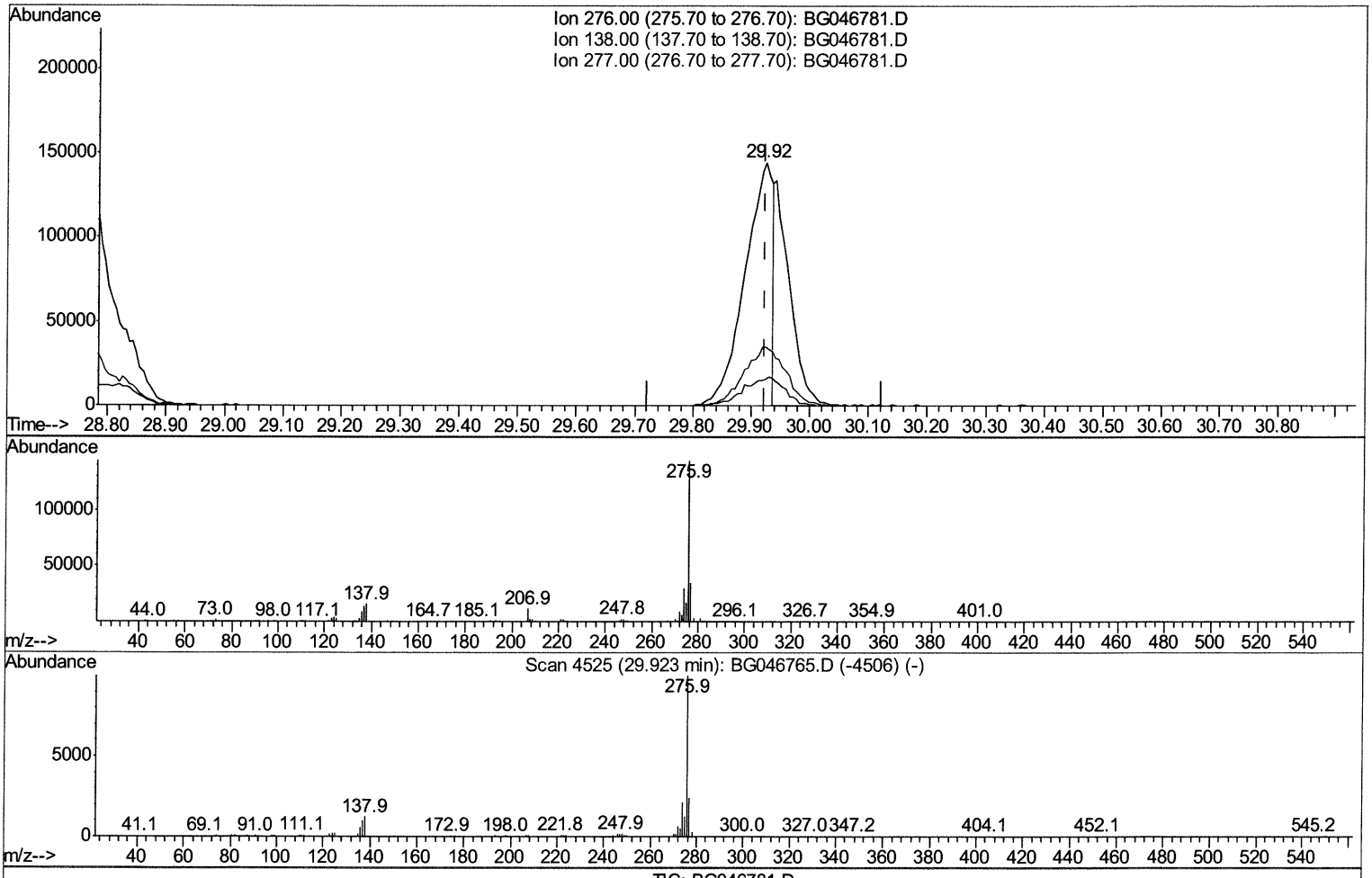

TIC: BG046781.D

(94) Benzo(g,h,i)perylene

29.924min (+0.001) 12.31ng/ul

response 479222

Ion	Exp%	Act%
276.00	100	100
138.00	12.80	10.89
277.00	23.80	24.02
0.00	0.00	0.00

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BNA_G
LabSampleId :
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Manual Integrations APPROVED
mohammad
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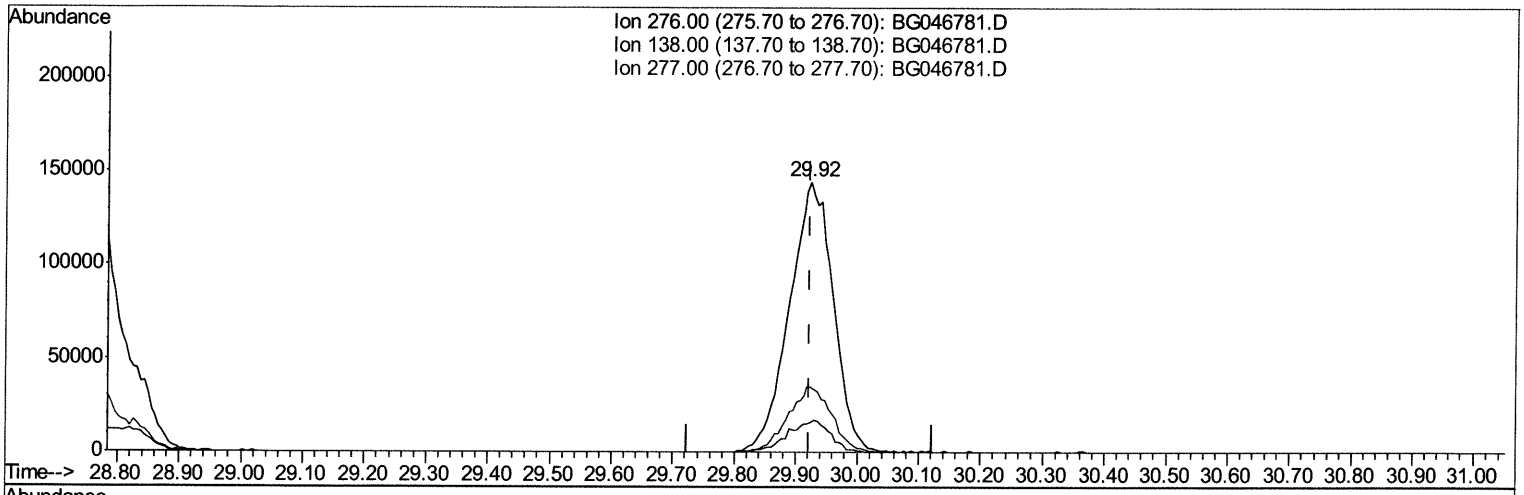

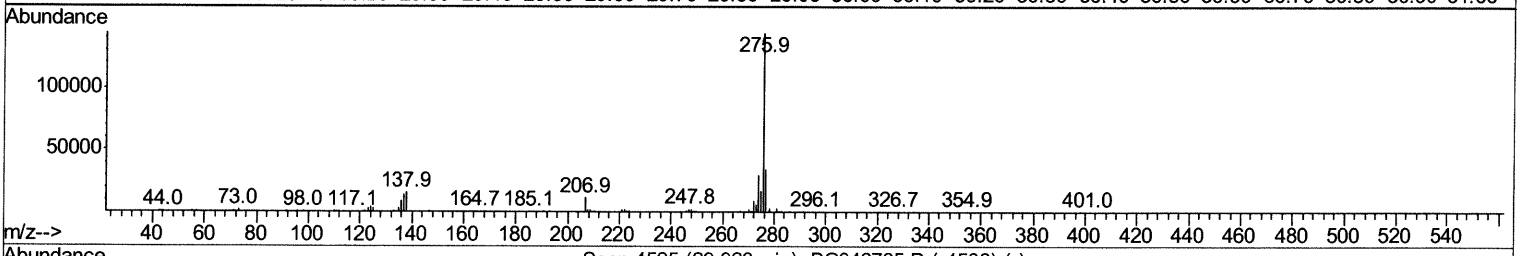

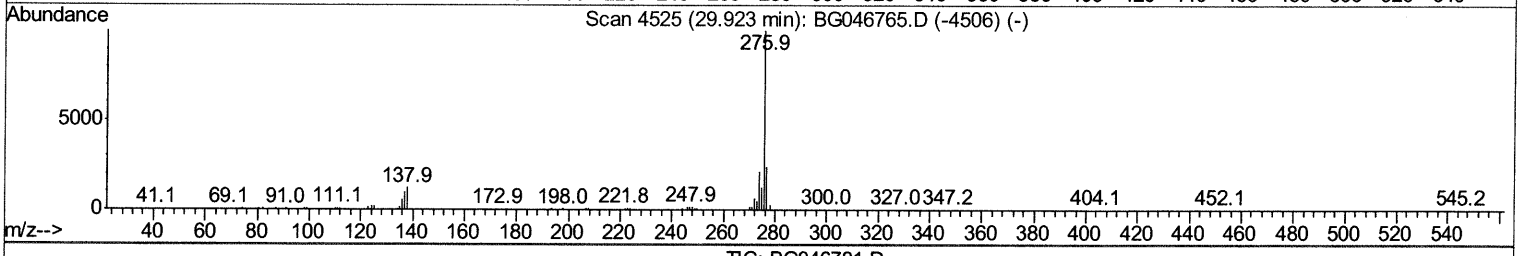

TIC: BG046781.D

(94) Benzo(g,h,i)perylene

29.924min (+0.001) 18.47ng/ul m 10/06/20 JU

response 718783

Ion	Exp%	Act%
276.00	100	100
138.00	12.80	10.89
277.00	23.80	24.02
0.00	0.00	0.00

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mohammad
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	83994	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	351231	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	257110	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	588188	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	589981	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	628271	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	13560	7.92	ng/uL	0.00
5) Phenol-d5	7.26	99	144457	20.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	82829	18.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	109410	20.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	119003	21.17	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	57933	22.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	66056	24.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	132660	21.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	153433	20.54	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	382203	19.46	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	460059	19.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	69116	20.64	ng/ul	0.00
58) Fluorene-d10	15.72	176	357688	19.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	65530	22.30	ng/ul	0.00
71) Anthracene-d10	17.57	188	535730	19.85	ng/ul	0.00
79) Pyrene-d10	19.85	212	610151	19.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	632579	18.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	15157	6.910	ng/uL#	94
4) Benzaldehyde	7.25	77	103091	20.333	ng/ul	97
6) Phenol	7.29	94	155635	20.667	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.52	93	114420	19.730	ng/ul	93
10) 2-Chlorophenol	7.67	128	114876	21.471	ng/ul	96
11) 2-Methylphenol	8.54	108	122615	22.085	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.64	45	177129	19.412	ng/ul	99
14) Acetophenone	8.93	105	194239	21.312	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.91	70	100531	20.421	ng/ul	96
16) 4-Methylphenol	8.87	108	124989	21.107	ng/ul	96
17) Hexachloroethane	9.20	117	49000	19.718	ng/ul	95
20) Nitrobenzene	9.31	77	155146	20.689	ng/ul#	94
21) Isophorone	9.84	82	280480	18.751	ng/ul	100
23) 2-Nitrophenol	10.03	139	69117	23.748	ng/ul	93
24) 2,4-Dimethylphenol	10.08	107	149521	20.508	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.32	93	160526	18.423	ng/ul	95
27) 2,4-Dichlorophenol	10.56	162	132488	21.654	ng/ul	97
28) Naphthalene	10.98	128	389637	20.037	ng/ul	96
30) 4-Chloroaniline	11.07	127	157350	21.636	ng/ul	98
31) Hexachlorobutadiene	11.26	225	108356	20.608	ng/ul	90
32) Caprolactam	11.82	113	43292m >	20.507	ng/ul >	10/06/20 JU
33) 4-Chloro-3-methylphenol	12.18	107	143254	21.423	ng/ul	94
34) 2-Methylnaphthalene	12.57	142	291003	20.471	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	267085	19.386 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	194439	20.657 ng/ul	97
38) Hexachlorocyclopentadiene	12.91	237	91819	15.085 ng/ul#	88
39) 2,4,6-Trichlorophenol	13.17	196	124782	22.400 ng/ul	96
40) 2,4,5-Trichlorophenol	13.24	196	131805	22.296 ng/ul	99
41) 1,1'-Biphenyl	13.57	154	392405	19.841 ng/ul	99
42) 2-Chloronaphthalene	13.61	162	308342	19.464 ng/ul	97
43) 2-Nitroaniline	13.81	65	103140	24.580 ng/ul	97
45) Dimethylphthalate	14.18	163	384107	19.318 ng/ul	97
46) 2,6-Dinitrotoluene	14.30	165	84888	24.126 ng/ul	92
48) Acenaphthylene	14.46	152	457430	19.903 ng/ul	99
49) 3-Nitroaniline	14.62	138	82261	23.474 ng/ul#	95
50) Acenaphthene	14.80	153	320207	19.578 ng/ul	99
51) 2,4-Dinitrophenol	14.83	184	45377	21.474 ng/ul#	87
53) 4-Nitrophenol	14.92	109	73567	22.171 ng/ul	88
54) Dibenzofuran	15.13	168	483239	20.109 ng/ul	99
55) 2,4-Dinitrotoluene	15.08	165	118347	24.312 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.35	232	127833	23.209 ng/ul	95
57) Diethylphthalate	15.55	149	388679	19.564 ng/ul	97
59) Fluorene	15.78	166	382498	19.601 ng/ul	95
60) 4-Chlorophenyl-phenylether	15.77	204	222097	19.772 ng/ul	98
61) 4-Nitroaniline	15.79	138	85952	22.307 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.85	198	68756	21.307 ng/ul	98
65) N-Nitrosodiphenylamine	15.98	169	347016	20.496 ng/ul	95
66) 4-Bromophenyl-phenylether	16.66	248	152215	20.725 ng/ul	98
67) Hexachlorobenzene	16.78	284	128690	20.326 ng/ul	98
68) Atrazine	16.93	200	145913	20.804 ng/ul	98
69) Pentachlorophenol	17.12	266	104480	22.572 ng/ul	94
70) Phenanthrene	17.52	178	632837	19.681 ng/ul	99
72) Anthracene	17.61	178	646391	19.841 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	198080	21.825 ng/uL	97
74) Pentachlorobenzene	15.05	250	194531	21.094 ng/uL	95
75) Carbazole	17.87	167	555702	21.400 ng/ul	99
76) Di-n-butylphthalate	18.43	149	645432	20.041 ng/ul	100
77) Fluoranthene	19.52	202	754880	19.770 ng/ul	99
80) Pyrene	19.88	202	745700	19.664 ng/ul	98
81) Butylbenzylphthalate	20.76	149	278890	21.102 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.65	252	271269	19.660 ng/ul	95
83) Benzo(a)anthracene	21.73	228	761904	19.737 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	399679	20.336 ng/ul	99
85) Chrysene	21.80	228	737398	19.692 ng/ul	98
87) Di-n-octyl phthalate	22.87	149	686530	20.007 ng/ul	100
88) Benzo(b)fluoranthene	23.98	252	775482	18.710 ng/ul	99
89) Benzo(k)fluoranthene	24.05	252	745308	18.448 ng/ul	99
91) Benzo(a)pyrene	24.87	252	674782	17.824 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.76	276	872973	18.794 ng/ul	99
93) Dibenzo(a,h)anthracene	28.83	278	713250	18.533 ng/ul	96
94) Benzo(g,h,i)perylene	29.92	276	718783m >	18.470 ng/ul >	10/06/20 JU

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

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