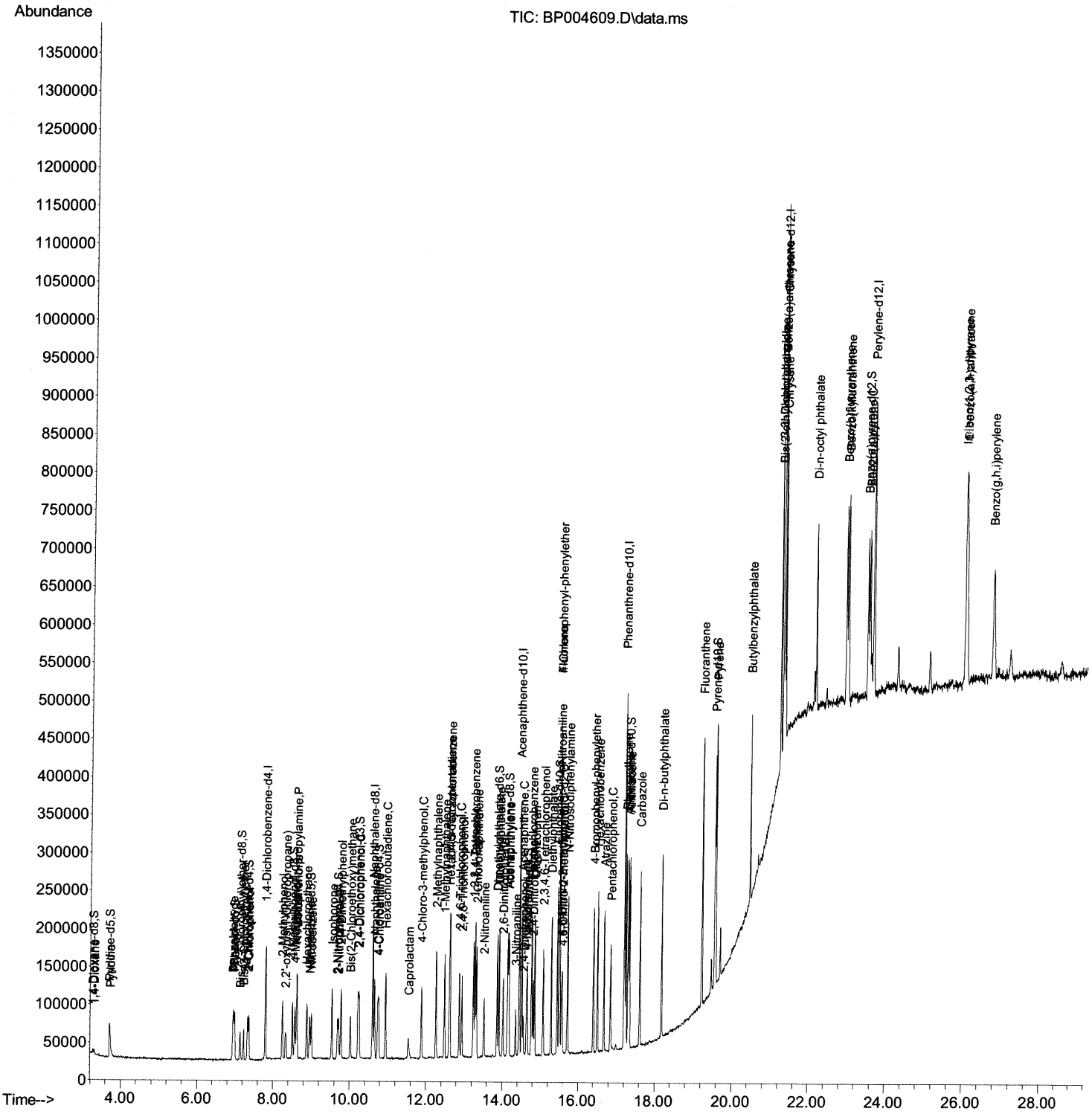
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012221\
Data File : BP004609.D
Acq On : 22 Jan 2021 12:18
Operator : CG/JU
Sample : SSTD01004
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 22 13:37:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP012221.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 22 13:31:31 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD010004

Manual Integrations APPROVED
mohammad
1/25/2021 11:29:33 AM



Quantitation Report (Qedit)

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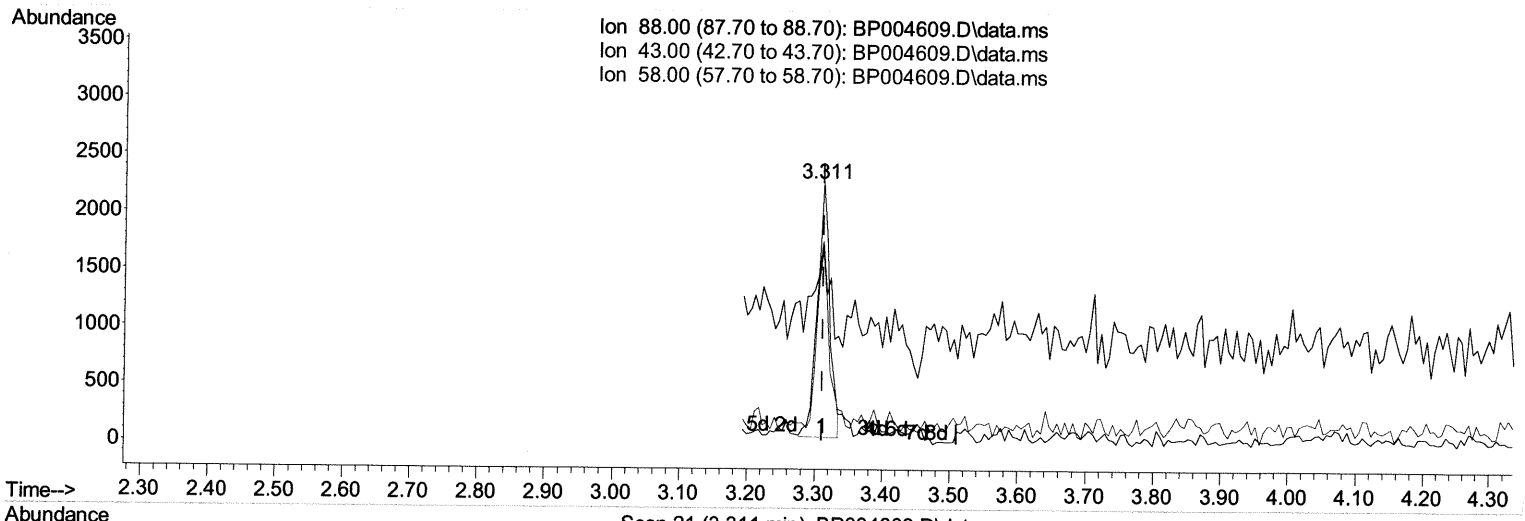

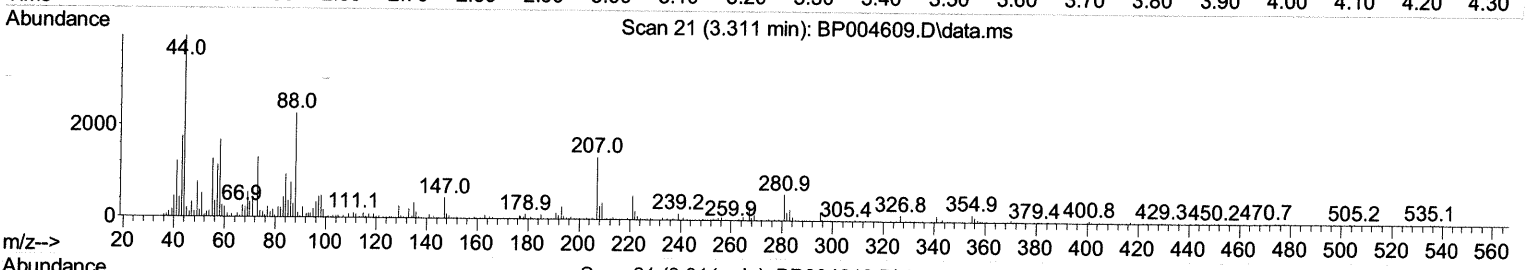

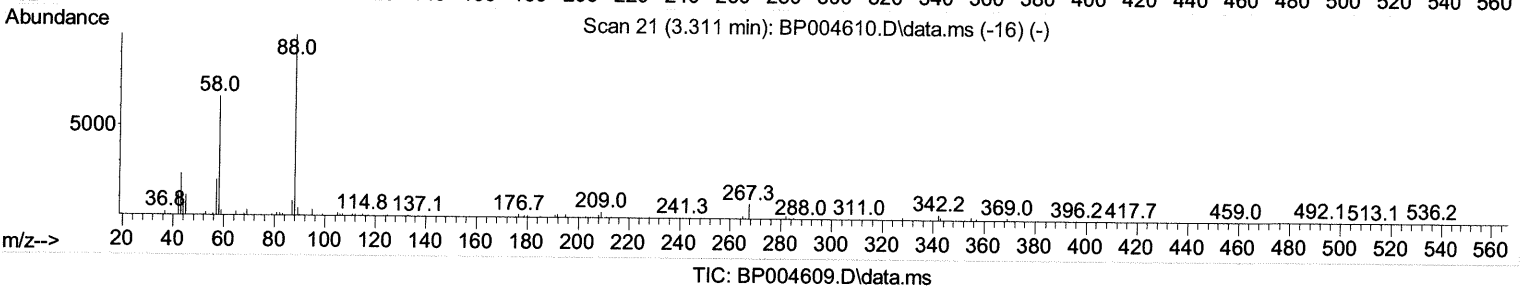

TIC: BP004609.D\data.ms

(2) 1,4-Dioxane

3.311min (+ 0.000) 2.57 ng/uL

response 2890

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	49.70	77.41#
58.00	71.20	74.24
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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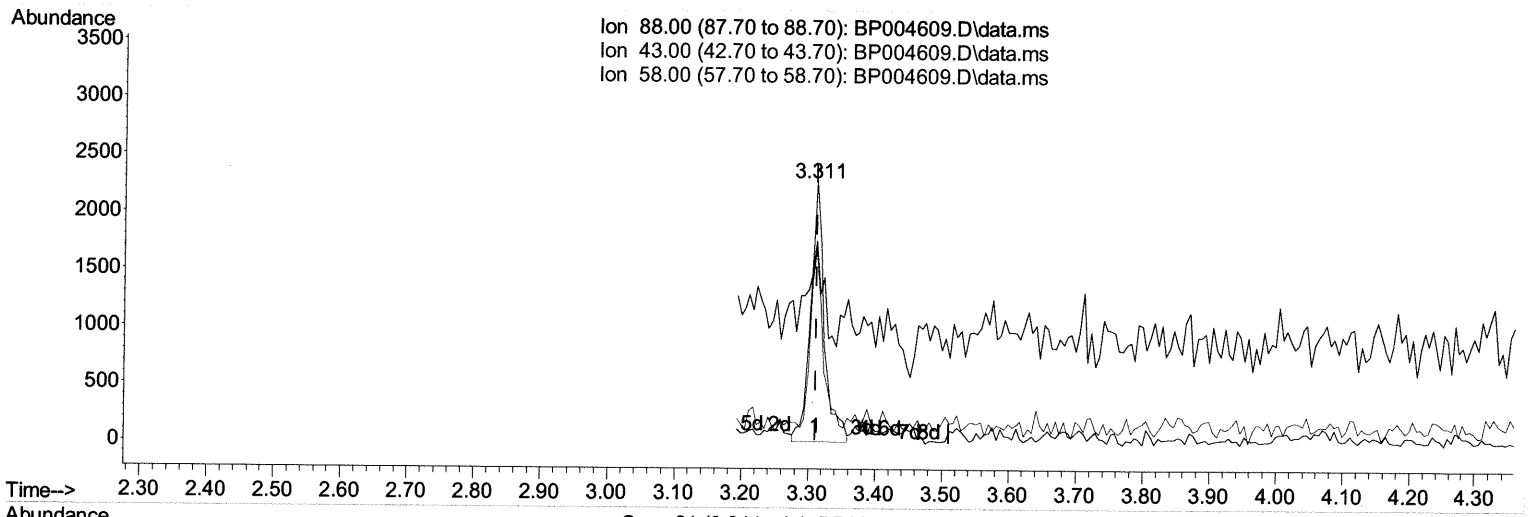

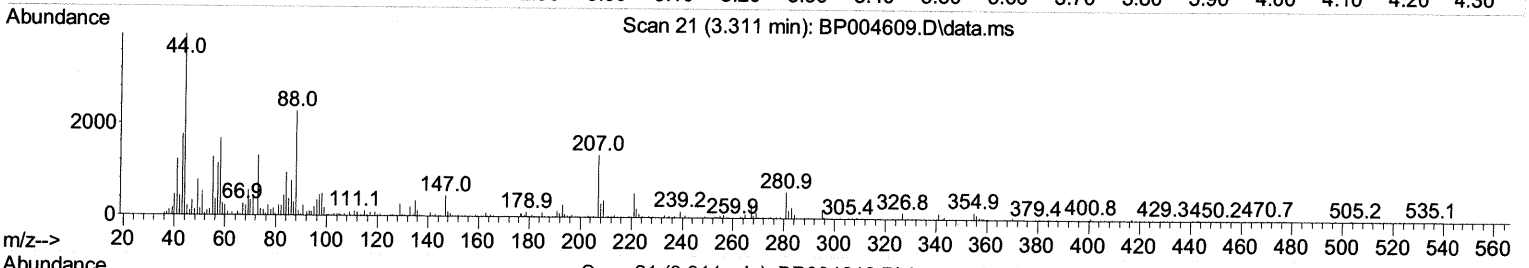

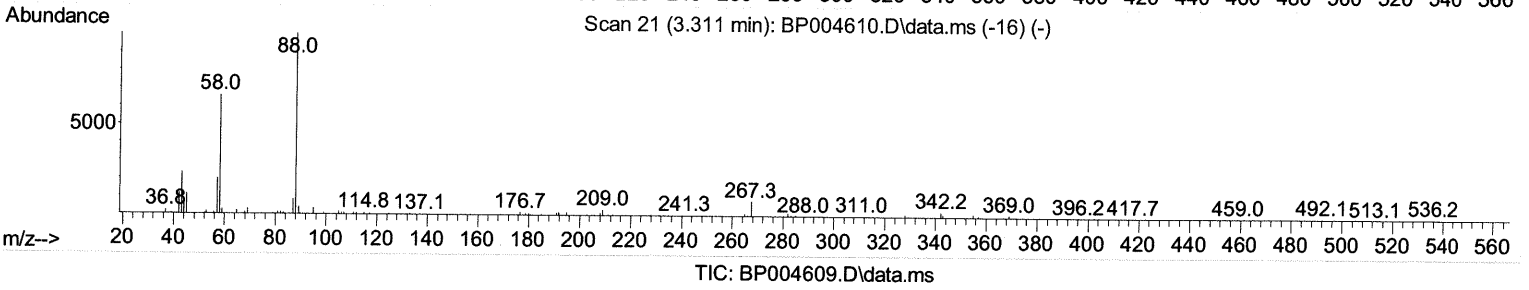

TIC: BP004609.D\data.ms

(2) 1,4-Dioxane

3.311min (+ 0.000) 2.91 ng/uL m 02/08/21 JU

response 3276

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	49.70	77.41#
58.00	71.20	74.24
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_P
ClientSampleId :
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Manual Integrations APPROVED
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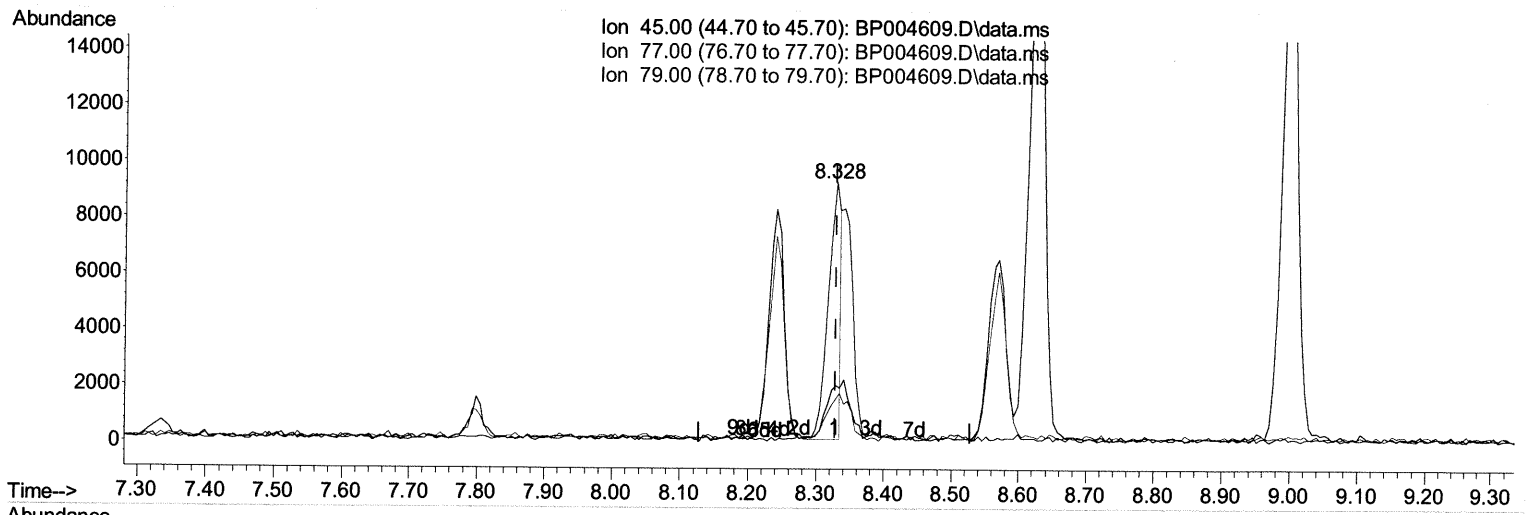

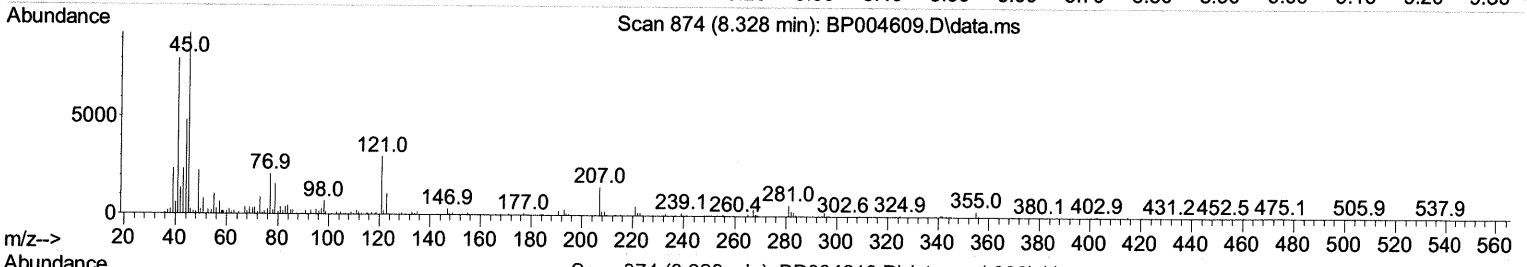

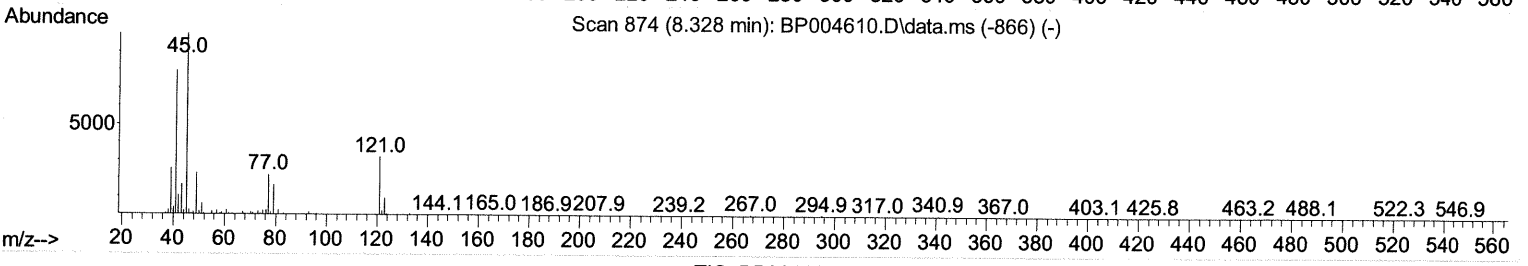

TIC: BP004609.D\data.ms

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

8.328min (+ 0.000) 3.89 ng/ul

response 12099

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	22.50	22.07
79.00	17.00	16.78
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_P
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Manual Integrations APPROVED
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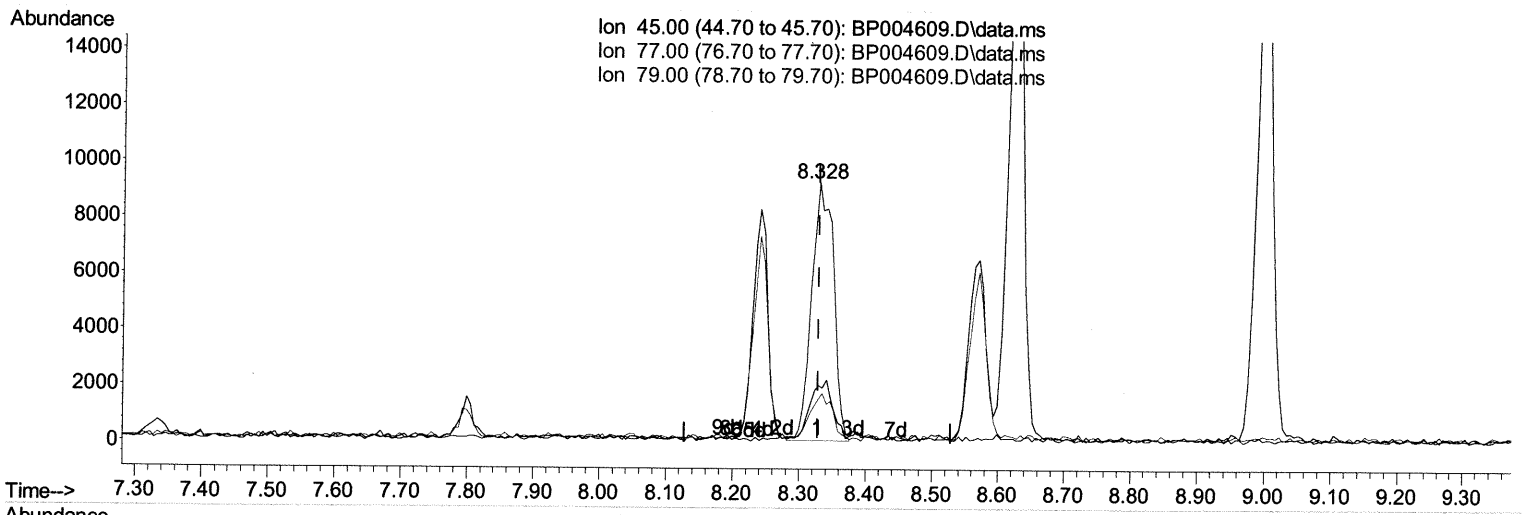

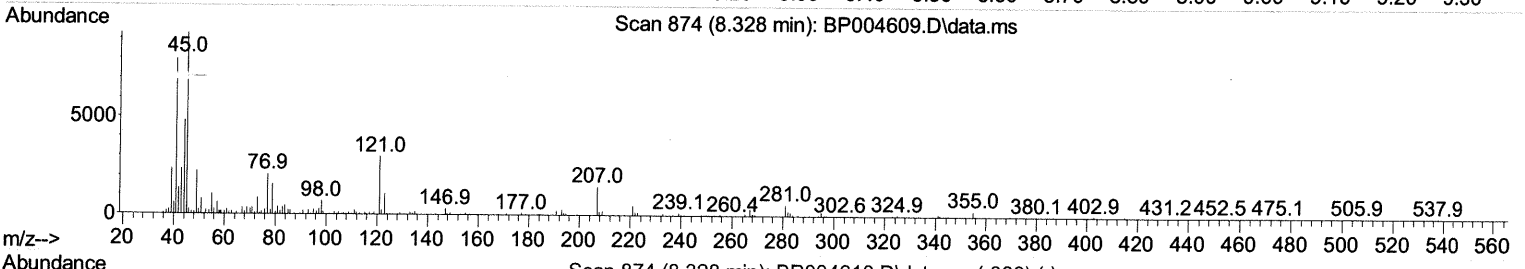

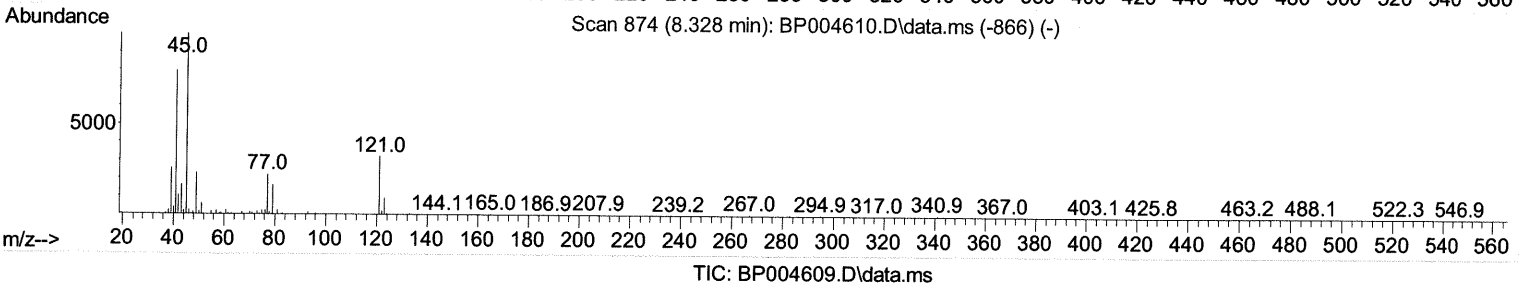

TIC: BP004609.D\data.ms

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

8.328min (+ 0.000) 6.79 ng/ul m 02/08/21 JU

response 21124

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	22.50	22.07
79.00	17.00	16.78
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : SSTD01004
Misc :
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BNA_P
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Manual Integrations APPROVED
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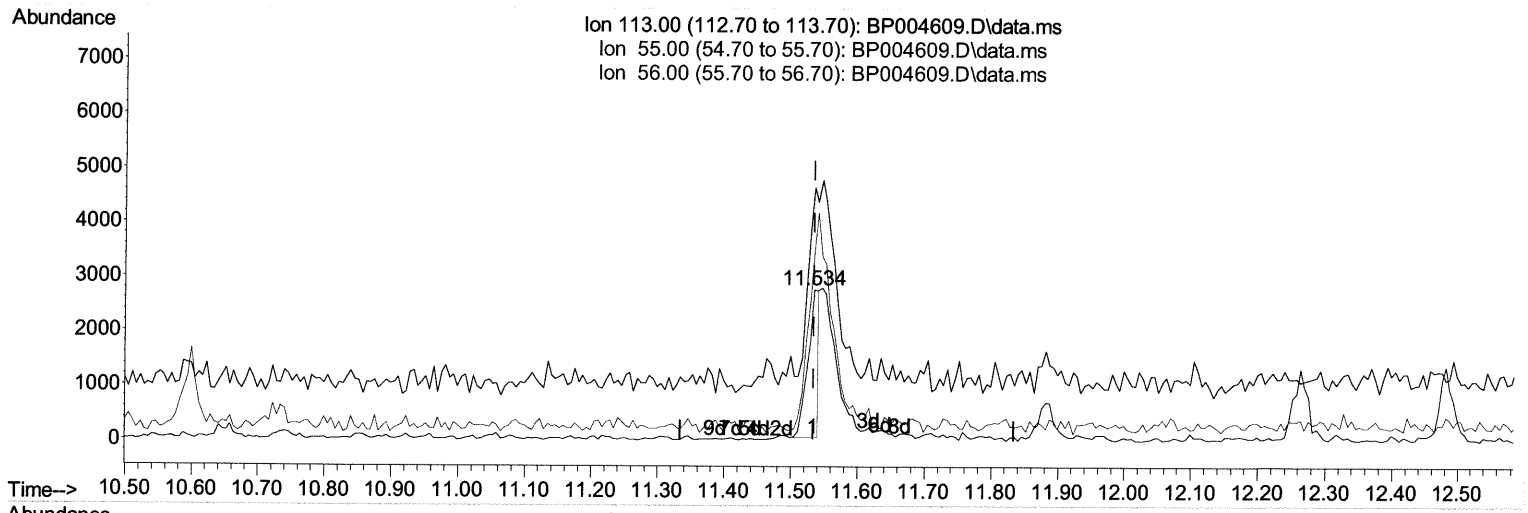

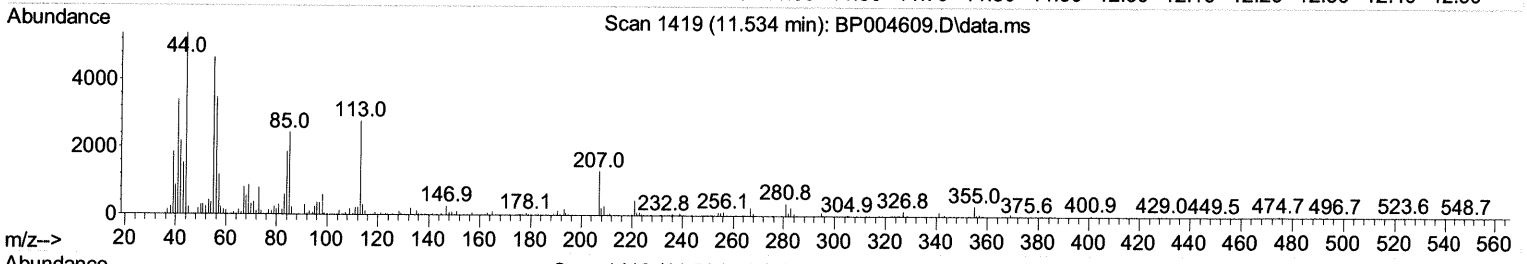

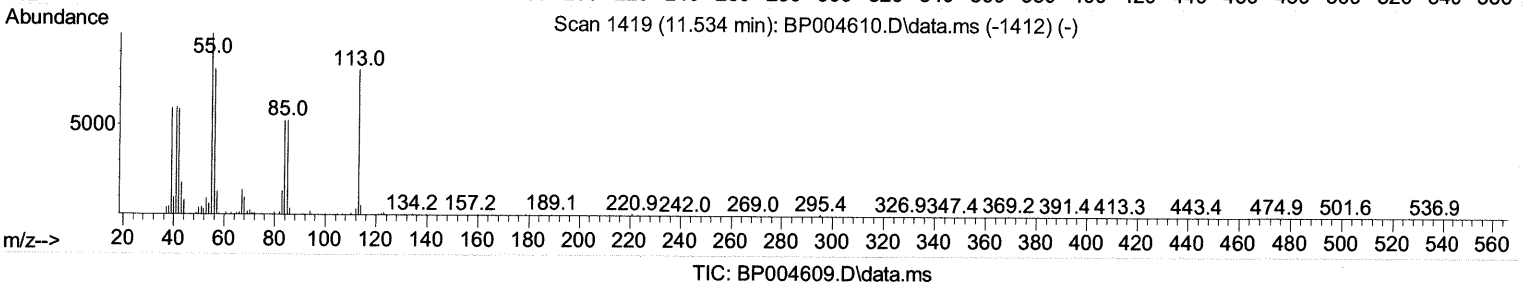

TIC: BP004609.D\data.ms

(34) Caprolactam

11.534min (+ 0.000) 4.21 ng/ul

response 3200

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.10	167.86
56.00	102.40	125.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 22 Jan 2021 12:18
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Sample : SSTD01004
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ALS Vial : 3 Sample Multiplier: 1

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Manual Integrations APPROVED
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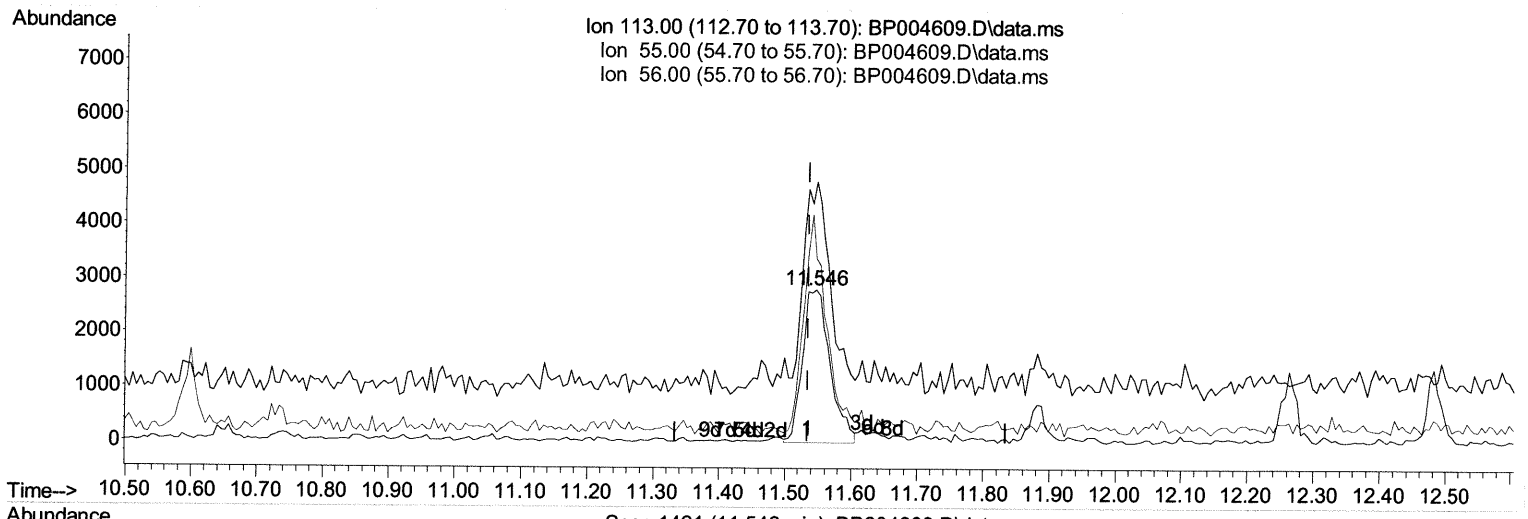

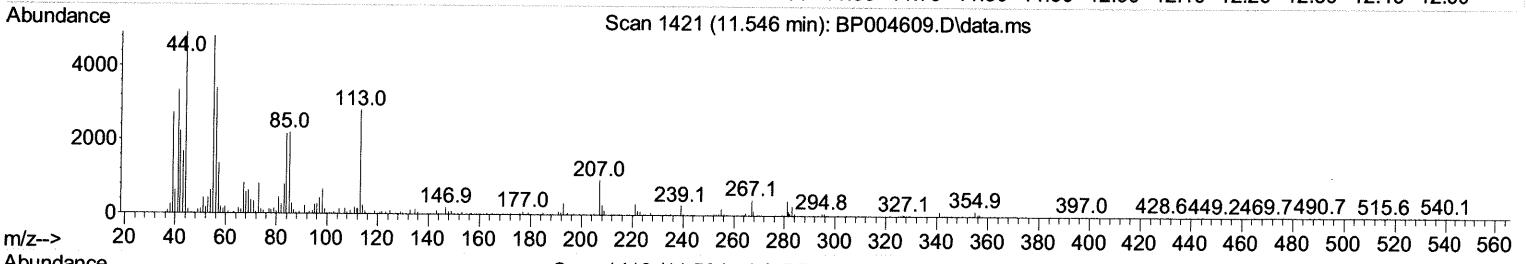

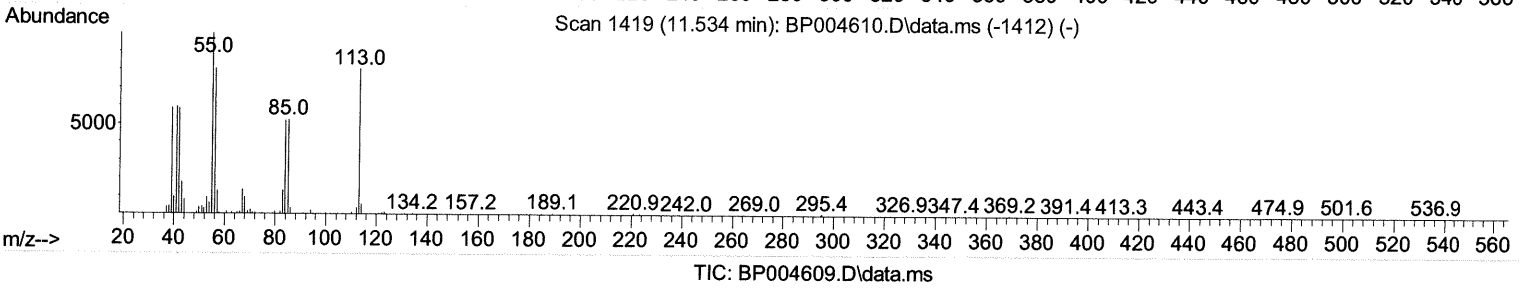

TIC: BP004609.D\data.ms

(34) Caprolactam

11.546min (+ 0.012) 10.65 ng/ul m 02/08/21 JU

response 8092

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.10	170.40#
56.00	102.40	120.42
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	36954	20.00	ng/ul	0.00
20) Naphthalene-d8	10.599	136	134609	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	114004	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	282064	20.00	ng/ul	0.00
79) Chrysene-d12	21.292	240	297650	20.00	ng/ul	0.00
88) Perylene-d12	23.622	264	316220	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	2772	2.62	ng/uL	0.00
4) Pyridine-d5	3.699	84	15679	5.47	ng/ul	0.00
7) Phenol-d5	6.964	99	25179	7.60	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	13868	7.65	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	20671	8.18	ng/ul	0.00
15) 4-Methylphenol-d8	8.505	113	22170	8.69	ng/ul	0.00
21) Nitrobenzene-d5	8.952	128	10349	9.90	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	13786	12.11	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	29114	13.41	ng/ul	0.00
31) 4-Chloroaniline-d4	10.734	131	30874	9.84	ng/ul	0.00
46) Dimethylphthalate-d6	13.863	166	98589	11.30	ng/ul	0.00
49) Acenaphthylene-d8	14.140	160	110122	10.68	ng/ul	0.00
54) 4-Nitrophenol-d4	14.634	143	13470	9.35	ng/ul	0.00
60) Fluorene-d10	15.445	176	86201	11.57	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	18051	10.87	ng/ul	0.00
73) Anthracene-d10	17.304	188	136909	10.22	ng/ul	0.00
81) Pyrene-d10	19.539	212	158602	10.27	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.469	264	165786	9.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	3276m >	2.91	ng/uL >	02/08/21 JU
5) Pyridine	3.723	79	16807	5.83	ng/ul	98
6) Benzaldehyde	6.946	77	13625	7.52	ng/ul	95
8) Phenol	6.993	94	25523	7.28	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.228	93	19720	7.27	ng/ul	97
12) 2-Chlorophenol	7.364	128	19786	7.43	ng/ul	98
13) 2-Methylphenol	8.240	108	21322	8.12	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.328	45	21124m >	6.79	ng/ul >	02/08/21 JU
16) Acetophenone	8.622	105	36428	8.84	ng/ul	90
17) N-Nitroso-di-n-propyla...	8.611	70	19943	10.41	ng/ul#	96
18) 4-Methylphenol	8.569	108	22754	8.09	ng/ul	82
19) Hexachloroethane	8.875	117	10768	10.01	ng/ul	96
22) Nitrobenzene	8.999	77	29940	11.90	ng/ul	98
23) Isophorone	9.534	82	56121	11.63	ng/ul	99
25) 2-Nitrophenol	9.705	139	13347	10.46	ng/ul	96
26) 2,4-Dimethylphenol	9.769	107	29054	11.30	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.016	93	27921	9.11	ng/ul#	98
29) 2,4-Dichlorophenol	10.240	162	27766	12.78	ng/ul	94
30) Naphthalene	10.646	128	72531	9.62	ng/ul	98
32) 4-Chloroaniline	10.758	127	30275	9.53	ng/ul	96
33) Hexachlorobutadiene	10.940	225	24704	17.58	ng/ul	95
34) Caprolactam	11.546	113	8092m >	10.65	ng/ul >	02/08/21 JU
35) 4-Chloro-3-methylphenol	11.881	107	26935	11.83	ng/ul	94

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Response via : Initial Calibration

Instrument : BNA_P
ClientSampleId : SSTD010004

Manual Integrations APPROVED
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1/25/2021 11:29:33 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.263	142	59810	11.33	ng/ul	96
37) 1-Methylnaphthalene	12.481	142	56638	10.75	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.628	216	44854	11.85	ng/ul	94
40) Hexachlorocyclopentadiene	12.616	237	32753	24.00	ng/ul	100
41) 2,4,6-Trichlorophenol	12.875	196	28048	12.38	ng/ul	98
42) 2,4,5-Trichlorophenol	12.940	196	28281	11.91	ng/ul	96
43) 1,1'-Biphenyl	13.281	154	87604	9.40	ng/ul	99
44) 2-Chloronaphthalene	13.322	162	71927	9.94	ng/ul	97
45) 2-Nitroaniline	13.522	65	18962	10.41	ng/ul	96
47) Dimethylphthalate	13.910	163	96918	10.84	ng/ul#	98
48) 2,6-Dinitrotoluene	14.022	165	19104	11.15	ng/ul	99
50) Acenaphthylene	14.169	152	103307	9.57	ng/ul	98
51) 3-Nitroaniline	14.351	138	12498	6.54	ng/ul	95
52) Acenaphthene	14.516	153	74040	9.58	ng/ul	99
53) 2,4-Dinitrophenol	14.551	184	11919	14.62	ng/ul	90
55) 4-Nitrophenol	14.651	109	17177	16.22	ng/ul	96
56) Dibenzofuran	14.851	168	111584	10.24	ng/ul	100
57) 2,4-Dinitrotoluene	14.810	165	27427	11.02	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.075	232	29291	15.10	ng/ul	95
59) Diethylphthalate	15.287	149	93138	10.57	ng/ul	97
61) Fluorene	15.504	166	93719	10.60	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.504	204	55512	12.54	ng/ul	96
63) 4-Nitroaniline	15.510	138	13508	7.15	ng/ul#	89
66) 4,6-Dinitro-2-methylph...	15.575	198	19300	11.13	ng/ul	99
67) N-Nitrosodiphenylamine	15.716	169	81622	9.08	ng/ul	100
68) 4-Bromophenyl-phenylether	16.398	248	40412	12.84	ng/ul	98
69) Hexachlorobenzene	16.504	284	43285	11.89	ng/ul	96
70) Atrazine	16.675	200	38746	11.64	ng/ul	98
71) Pentachlorophenol	16.851	266	27473	17.78	ng/ul	96
72) Phenanthrene	17.245	178	156506	9.59	ng/ul	99
74) Anthracene	17.340	178	159716	9.59	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	45129	9.99	ng/uL	93
76) Pentachlorobenzene	14.769	250	50372	10.98	ng/uL	95
77) Carbazole	17.610	167	133300	8.96	ng/ul	99
78) Di-n-butylphthalate	18.181	149	159453	9.43	ng/ul	99
80) Fluoranthene	19.216	202	203662	10.51	ng/ul	100
82) Pyrene	19.569	202	206916	10.21	ng/ul	99
83) Butylbenzylphthalate	20.451	149	66170	8.34	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.210	252	72126	10.32	ng/ul	99
85) Benzo(a)anthracene	21.275	228	196979	10.07	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.222	149	94616	7.96	ng/ul#	99
87) Chrysene	21.328	228	186033	9.77	ng/ul	96
89) Di-n-octyl phthalate	22.127	149	152876	7.17	ng/ul	100
90) Benzo(b)fluoranthene	22.916	252	204069	9.88	ng/ul	99
91) Benzo(k)fluoranthene	22.963	252	191939	9.15	ng/ul	97
93) Benzo(a)pyrene	23.516	252	182451	9.76	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.016	276	242410	9.96	ng/ul	100
95) Dibenzo(a,h)anthracene	26.039	278	207780	10.26	ng/ul#	98
96) Benzo(g,h,i)perylene	26.745	276	202087	10.07	ng/ul	99

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