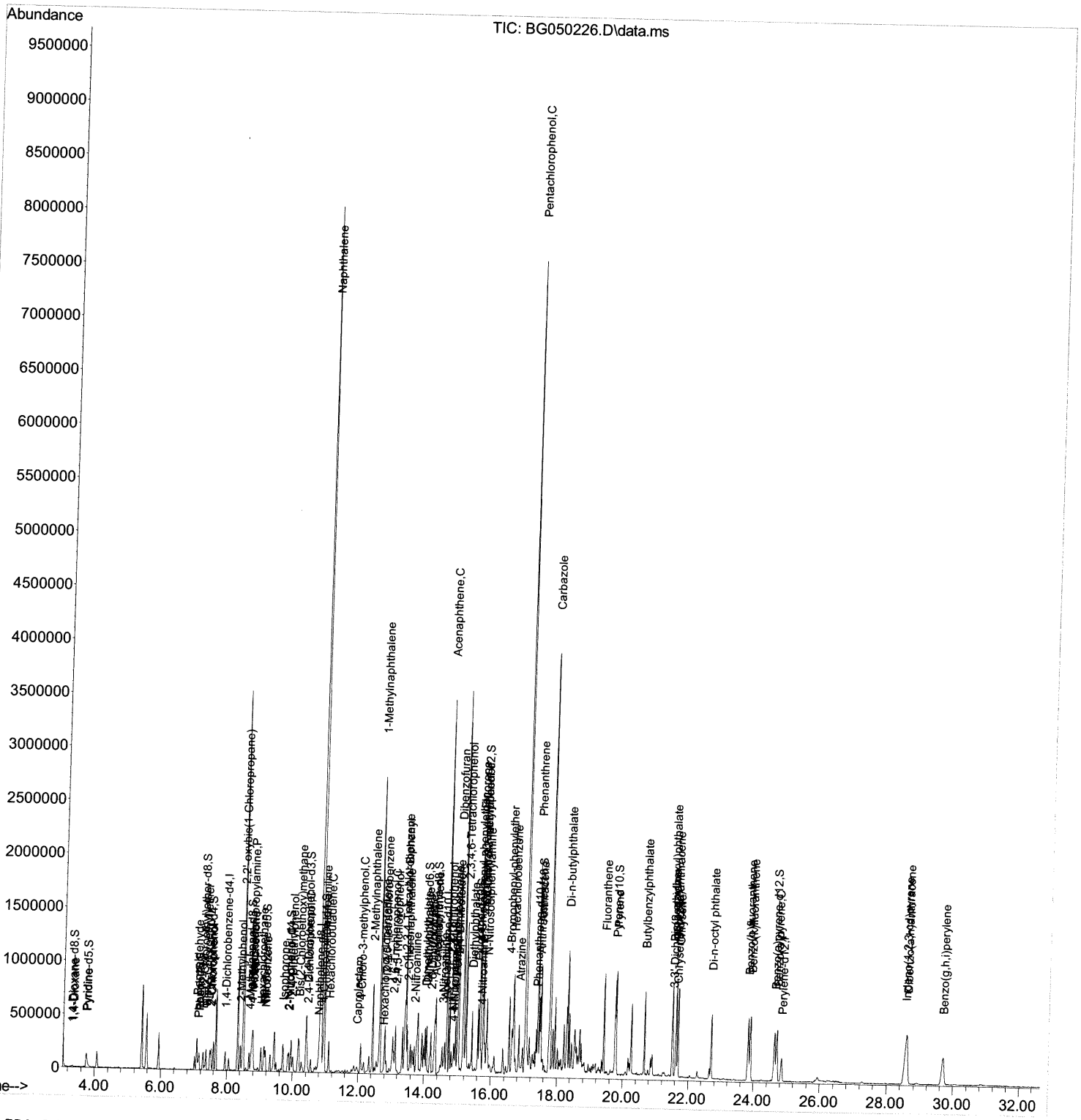
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050226.D
Acq On : 9 Sep 2021 10:32
Operator : CG/JU
Sample : M3608-21MSD
Misc :
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Sep 09 13:47:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBKL5MSD

Manual Integrations APPROVED
mohammad
9/10/2021 3:21:37 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050226.D
Acq On : 9 Sep 2021 10:32
Operator : CG/JU
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Manual Integrations APPROVED
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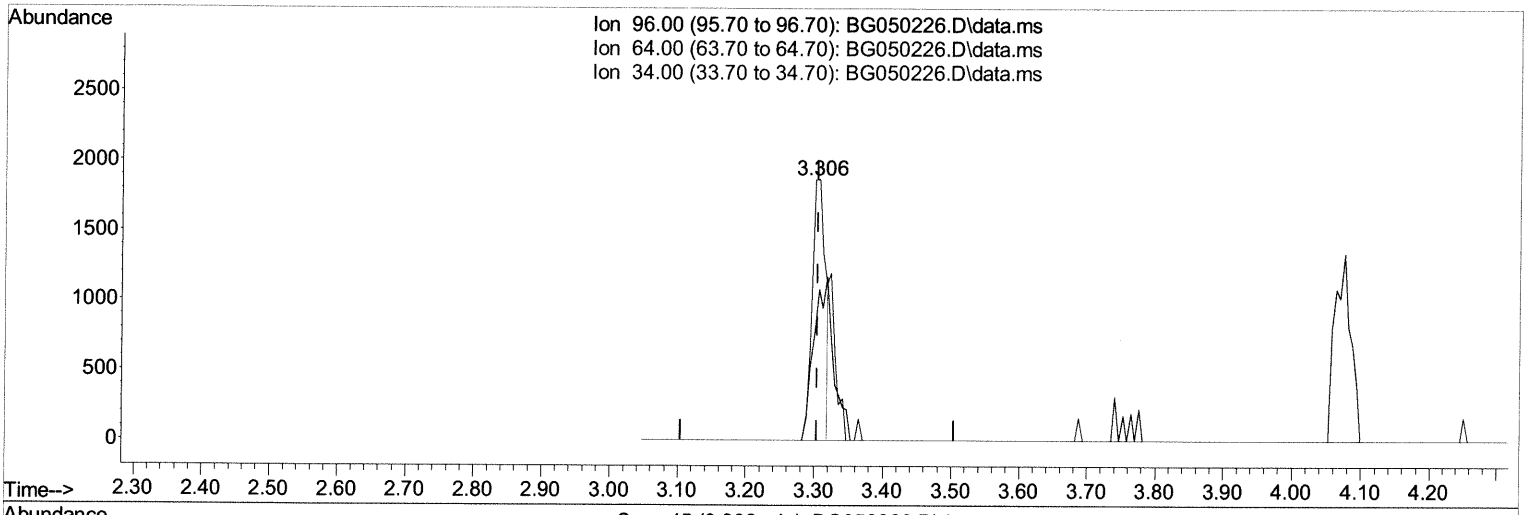
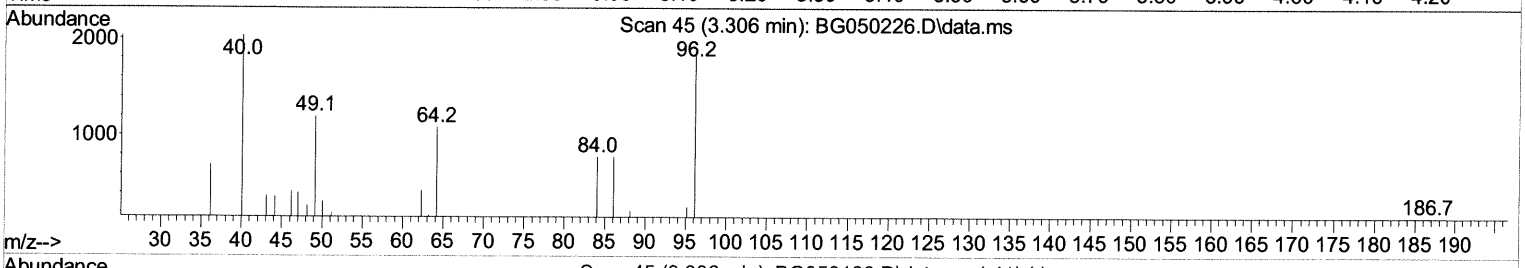
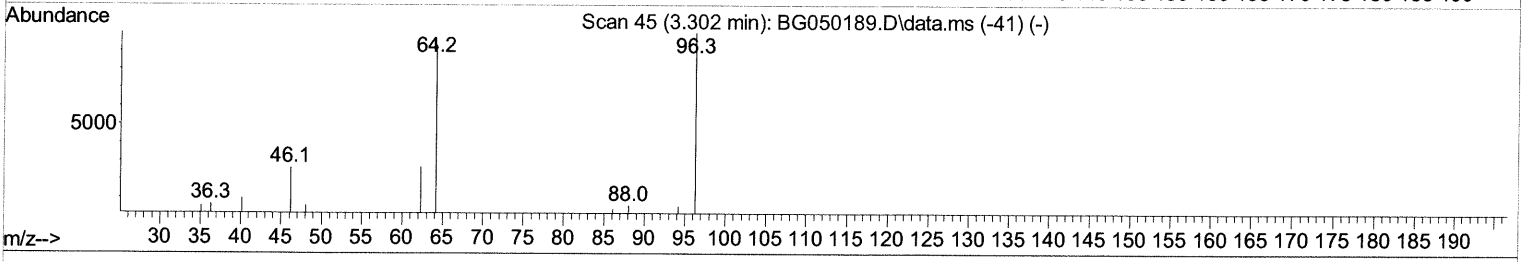
9/10/2021 3:21:37 PM







TIC: BG050226.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.306min (+ 0.002) 2.53 ng/uL

response 2490

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	63.40	57.87
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 9 Sep 2021 10:32
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Misc :
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Sep 09 13:47:09 2021
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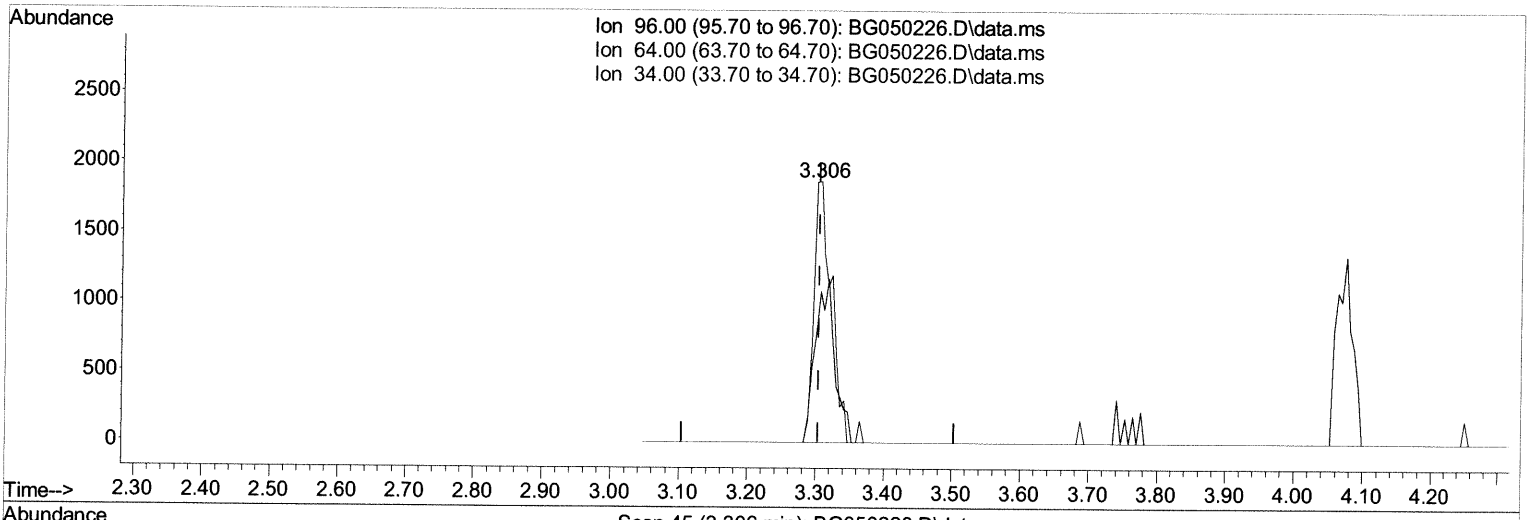
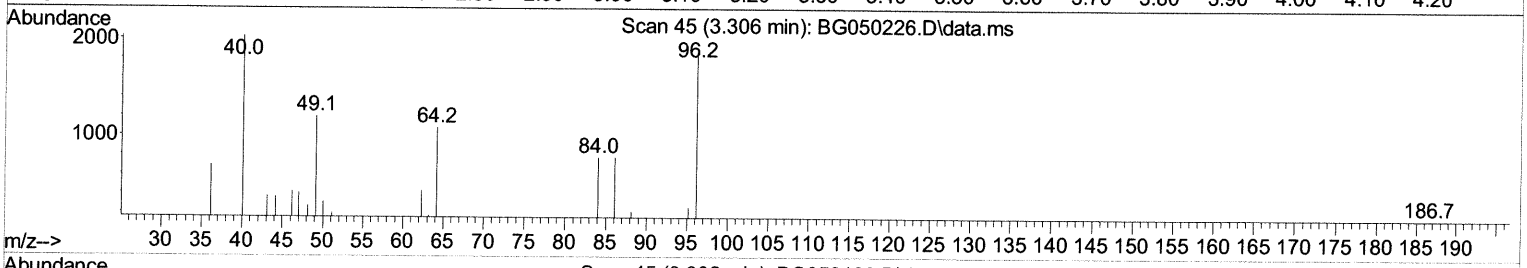
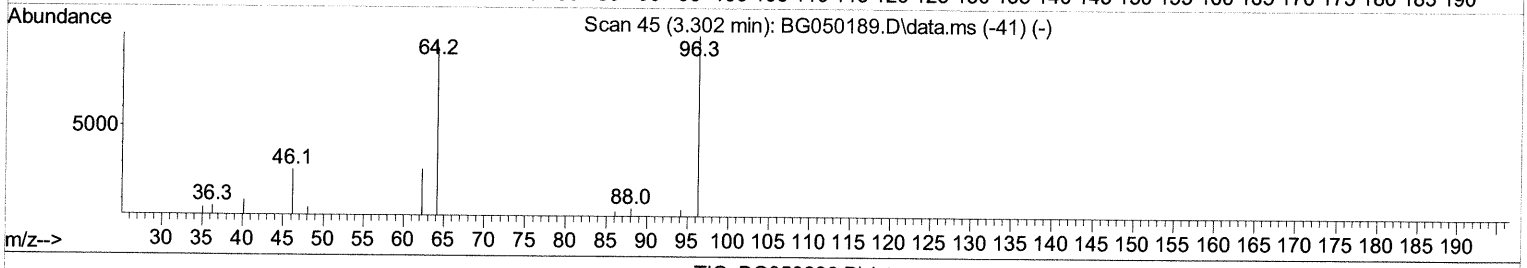
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBKL5MSD

Manual Integrations APPROVED
mohammad
9/10/2021 3:21:37 PM







TIC: BG050226.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.306min (+ 0.002) 3.38 ng/uL m 09/13/21 JU

response 3322

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	63.40	57.87
34.00	0.00	0.00
0.00	0.00	0.00

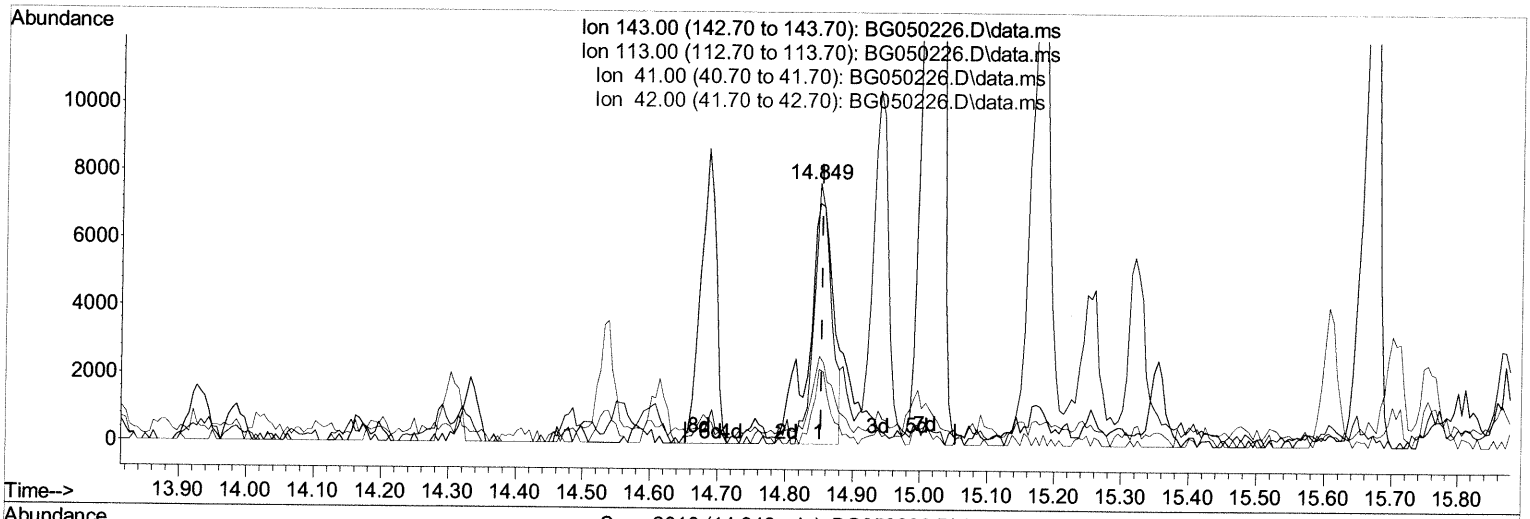
Quantitation Report (Qedit)

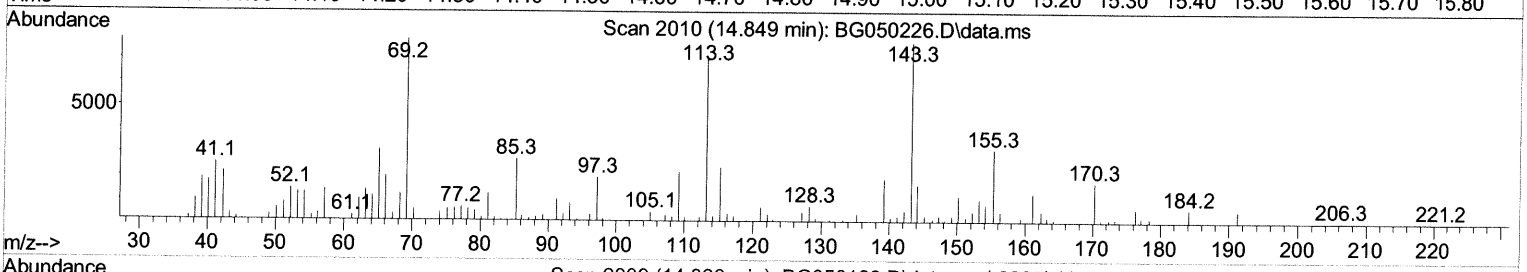
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050226.D
Acq On : 9 Sep 2021 10:32
Operator : CG/JU
Sample : M3608-21MSD
Misc :
ALS Vial : 54 Sample Multiplier: 1

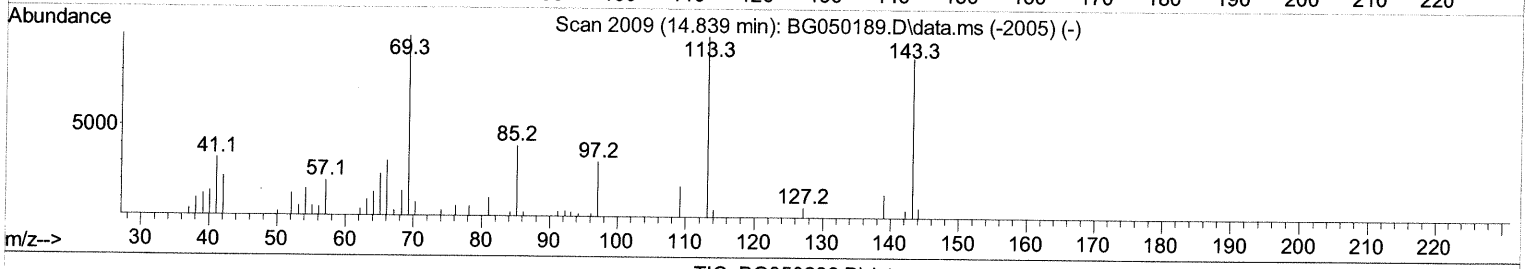
Quant Time: Sep 09 13:47:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBKL5MSD

Manual Integrations APPROVED
mohammad
9/10/2021 3:21:37 PM







TIC: BG050226.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.849min (-0.004) 15.16 ng/ul

response 13664

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	121.00	92.22#
41.00	45.30	33.59#
42.00	25.60	28.74

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050226.D
Acq On : 9 Sep 2021 10:32
Operator : CG/JU
Sample : M3608-21MSD
Misc :
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Sep 09 13:47:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBKL5MSD

Manual Integrations APPROVED
mohammad
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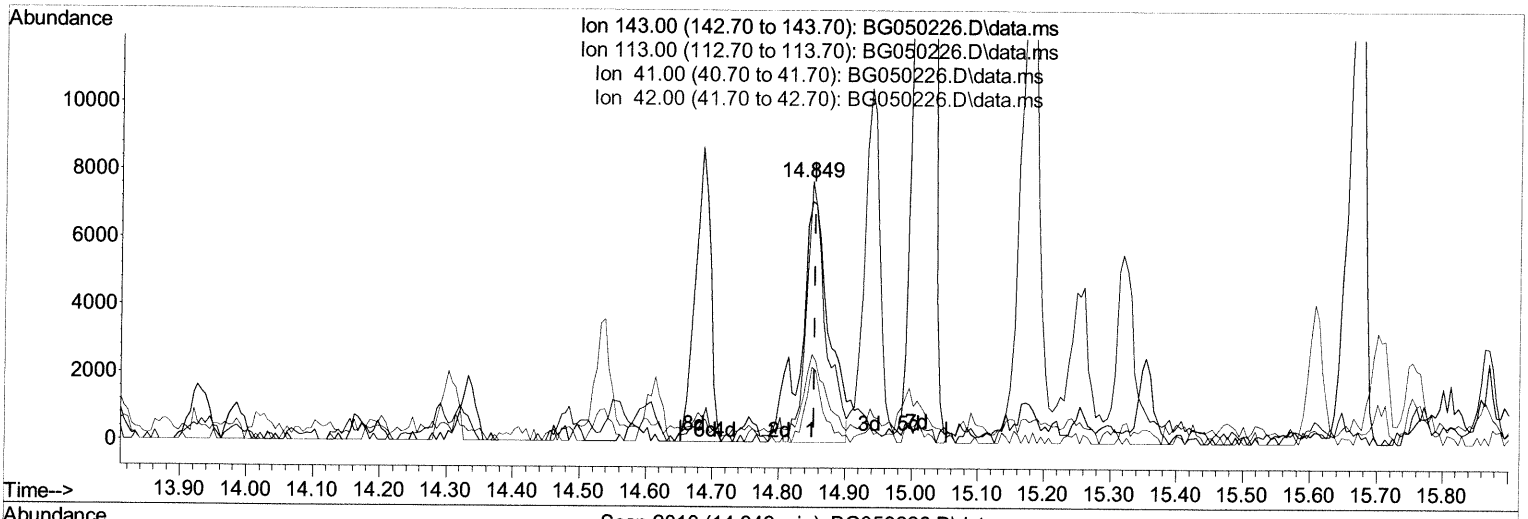

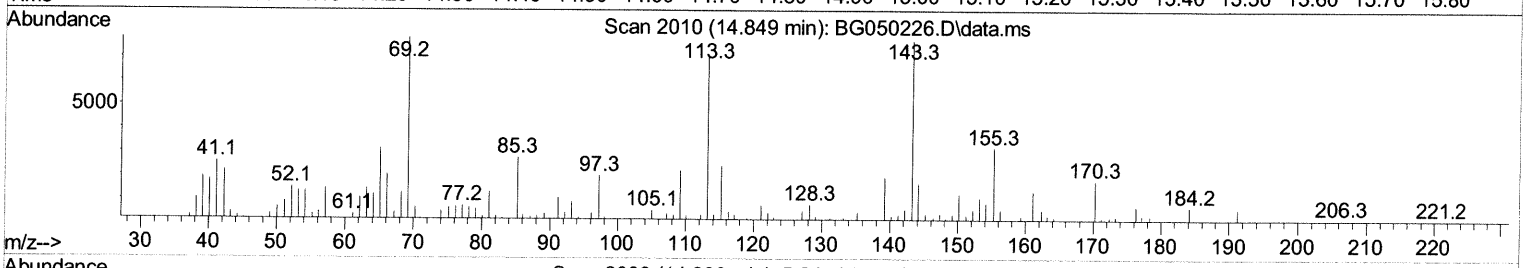

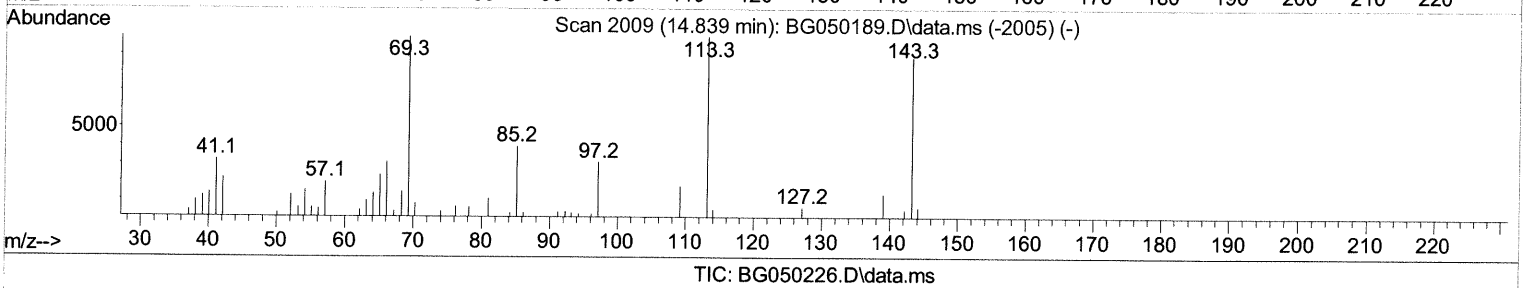

TIC: BG050226.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.849min (-0.004) 17.35 ng/ul m 09/13/21 JU

response 15641

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	121.00	92.22#
41.00	45.30	33.59#
42.00	25.60	28.74

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050226.D
Acq On : 9 Sep 2021 10:32
Operator : CG/JU
Sample : M3608-21MSD
Misc :
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Sep 09 13:47:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
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Instrument :
BNA_G
ClientSampleId :
DBKL5MSD

Manual Integrations APPROVED
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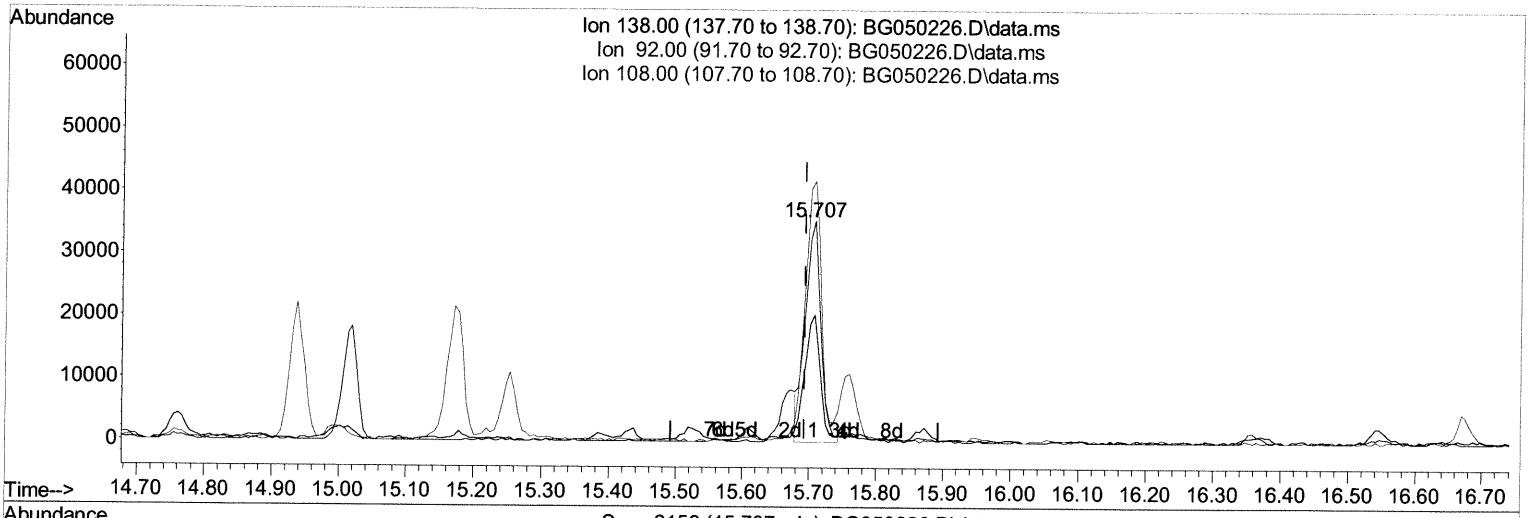

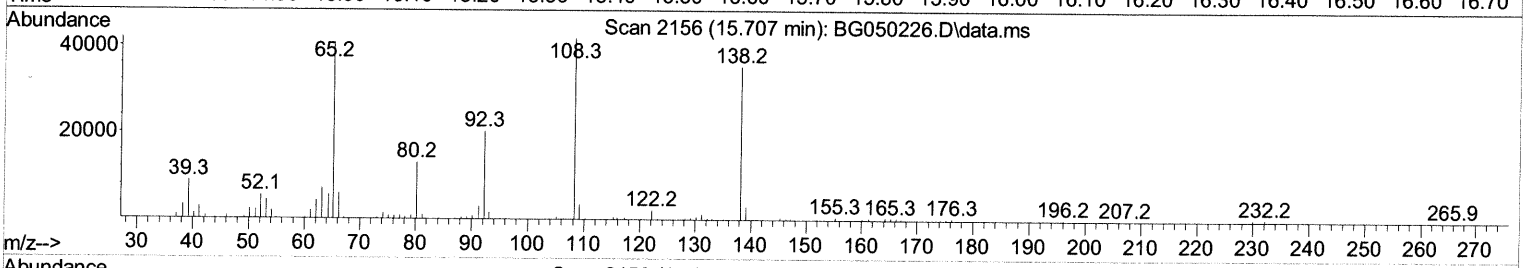

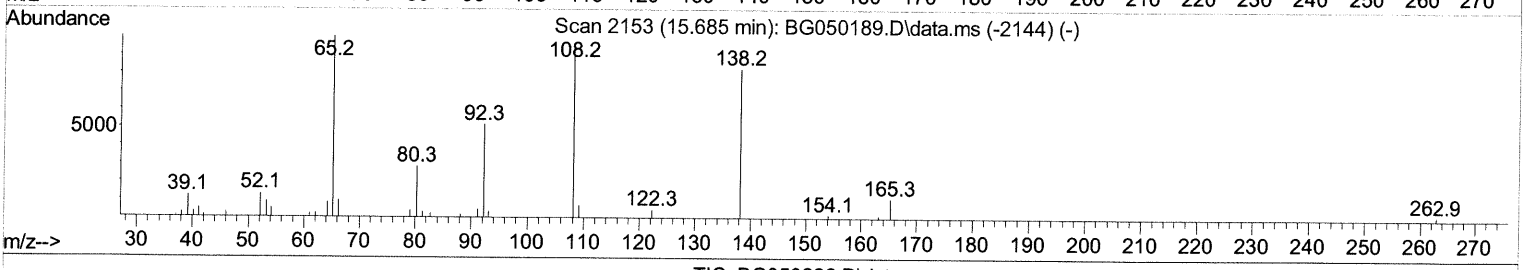

TIC: BG050226.D\data.ms

(63) 4-Nitroaniline

15.707min (+ 0.014) 44.67 ng/ul

response 57512

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.50	57.62
108.00	127.30	118.04
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050226.D
Acq On : 9 Sep 2021 10:32
Operator : CG/JU
Sample : M3608-21MSD
Misc :
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Sep 09 13:47:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
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Instrument :
BNA_G
ClientSampleId :
DBKL5MSD

Manual Integrations APPROVED
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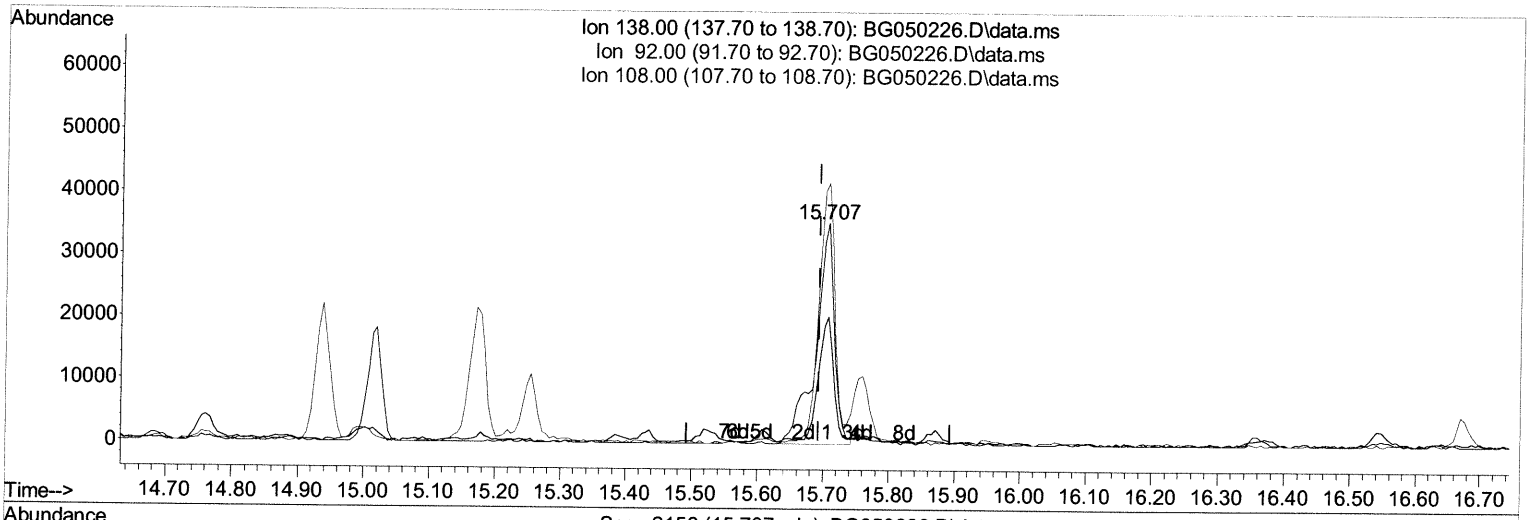

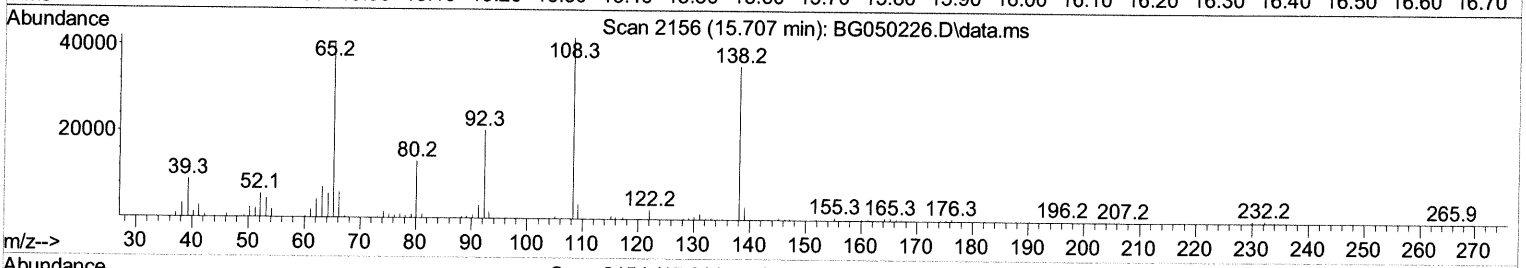

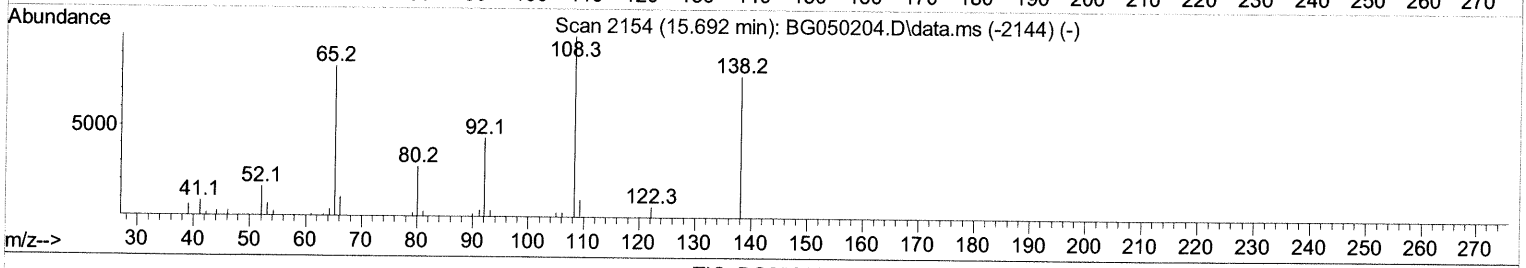

TIC: BG050226.D\data.ms

(63) 4-Nitroaniline

15.707min (+ 0.014) 54.61 ng/ul m 09/13/21 JU

response 70313

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.50	57.62
108.00	127.30	118.04
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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ClientSampleId : DBKL5MSD

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	48629	20.000	ng/ul	0.00
20) Naphthalene-d8	10.778	136	151392	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.614	164	98956	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	202579	20.000	ng/ul	0.00
79) Chrysene-d12	21.640	240	214063	20.000	ng/ul	0.00
88) Perylene-d12	24.853	264	233891	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	3322m	> 3.377	ng/uL	> 0.00
4) Pyridine-d5	3.741	84	63071	18.064	ng/ul	0.00
7) Phenol-d5	7.124	99	42841	11.347	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.271	67	76082	34.503	ng/ul	0.00
11) 2-Chlorophenol-d4	7.483	132	85844	27.395	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	60272	20.303	ng/ul	0.00
21) Nitrobenzene-d5	9.127	128	46724	44.964	ng/ul	0.00
24) 2-Nitrophenol-d4	9.850	143	49792	39.406	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.408	165	88702	36.781	ng/ul	0.00
31) 4-Chloroaniline-d4	10.913	131	98832	33.264	ng/ul	0.00
46) Dimethylphthalate-d6	14.027	166	297138	39.767	ng/ul	0.00
49) Acenaphthylene-d8	14.309	160	356634	40.085	ng/ul	0.00
54) 4-Nitrophenol-d4	14.849	143	15641m	> 17.349	ng/ul	> 0.00
60) Fluorene-d10	15.607	176	255997	41.262	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.760	200	118265	96.781	ng/ul	0.00
73) Anthracene-d10	17.475	188	383434	42.163	ng/ul	0.00
81) Pyrene-d10	19.760	212	464867	43.598	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.636	264	509015	41.111	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.347	88	9090	8.115	ng/uL	90
5) Pyridine	3.758	79	70335	19.165	ng/ul#	90
6) Benzaldehyde	7.083	77	99233	47.411	ng/ul#	80
8) Phenol	7.148	94	49361	13.276	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.365	93	95367	34.594	ng/ul	98
12) 2-Chlorophenol	7.512	128	86251	28.247	ng/ul#	79
13) 2-Methylphenol	8.405	108	81046	27.082	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.475	45	91829	33.007	ng/ul#	85
16) Acetophenone	8.781	105	172402	39.471	ng/ul#	92
17) N-Nitroso-di-n-propyla...	8.763	70	85489	36.704	ng/ul#	94
18) 4-Methylphenol	8.740	108	79667	28.028	ng/ul	83
19) Hexachloroethane	9.033	117	52169	40.960	ng/ul	95
22) Nitrobenzene	9.168	77	119053	43.992	ng/ul	99
23) Isophorone	9.697	82	222418	43.040	ng/ul	96
25) 2-Nitrophenol	9.885	139	51846	41.592	ng/ul	86
26) 2,4-Dimethylphenol	9.950	107	126601	42.680	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.179	93	112637	35.932	ng/ul#	91
29) 2,4-Dichlorophenol	10.437	162	89551	40.598	ng/ul	100
30) Naphthalene	10.866	128	7760952	1116.197	ng/ul#	57
32) 4-Chloroaniline	10.937	127	95273	34.041	ng/ul	88
33) Hexachlorobutadiene	11.101	225	69970	40.019	ng/ul	92
34) Caprolactam	11.953	113	7590	11.310	ng/ul	88
35) 4-Chloro-3-methylphenol	12.070	107	101953	41.010	ng/ul	99

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Misc :
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Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : DBKL5MSD

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.435	142	383315	74.550	ng/ul	96
37) 1-Methylnaphthalene	12.658	142	1337850	270.978	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.805	216	126638	37.837	ng/ul#	95
40) Hexachlorocyclopentadiene	12.775	237	4863	5.359	ng/ul#	74
41) 2,4,6-Trichlorophenol	13.051	196	78996	41.804	ng/ul	94
42) 2,4,5-Trichlorophenol	13.134	196	114092	57.735	ng/ul	99
43) 1,1'-Biphenyl	13.439	154	649837	90.964	ng/ul	96
44) 2-Chloronaphthalene	13.486	162	221868	39.492	ng/ul	99
45) 2-Nitroaniline	13.704	65	74159	41.696	ng/ul	92
47) Dimethylphthalate	14.074	163	295718	41.465	ng/ul	100
48) 2,6-Dinitrotoluene	14.197	165	63270	41.666	ng/ul#	90
50) Acenaphthylene	14.338	152	389977	46.900	ng/ul	97
51) 3-Nitroaniline	14.538	138	59631	43.135	ng/ul	95
52) Acenaphthene	14.685	153	1497568	252.762	ng/ul	98
53) 2,4-Dinitrophenol	14.761	184	30005	48.247	ng/ul#	1
55) 4-Nitrophenol	14.873	109	17178	17.121	ng/ul#	73
56) Dibenzofuran	15.019	168	1222068	149.921	ng/ul	96
57) 2,4-Dinitrotoluene	14.996	165	94432	43.519	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.254	232	328694	219.605	ng/ul#	97
59) Diethylphthalate	15.431	149	305804	42.424	ng/ul	95
61) Fluorene	15.671	166	881956	129.051	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.648	204	147745	40.602	ng/ul	99
63) 4-Nitroaniline	15.707	138	70313m>	54.611	ng/ul >	09/15/21 JU
66) 4,6-Dinitro-2-methylph...	15.765	198	246028	226.695	ng/ul#	64
67) N-Nitrosodiphenylamine	15.871	169	245581	44.833	ng/ul	98
68) 4-Bromophenyl-phenylether	16.547	248	107911	44.951	ng/ul#	87
69) Hexachlorobenzene	16.676	284	118193	43.425	ng/ul	97
70) Atrazine	16.846	200	94896	41.317	ng/ul	99
71) Pentachlorophenol	17.052	266	1756799	2356.376	ng/ul	97
72) Phenanthrene	17.416	178	1149123	111.220	ng/ul	97
74) Anthracene	17.504	178	503543	48.064	ng/ul#	94
75) 1,2,3,4-Tetrachloroben...	13.410	216	164367	52.356	ng/uL	93
76) Pentachlorobenzene	14.937	250	136084	41.982	ng/uL	95
77) Carbazole	17.798	167	2801442	303.309	ng/ul#	87
78) Di-n-butylphthalate	18.321	149	667291	59.741	ng/ul	100
80) Fluoranthene	19.425	202	586520	44.258	ng/ul#	97
82) Pyrene	19.789	202	561465	43.196	ng/ul	99
83) Butylbenzylphthalate	20.659	149	230491	46.366	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.528	252	141977	30.749	ng/ul	96
85) Benzo(a)anthracene	21.616	228	573194	43.738	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.505	149	335159	45.145	ng/ul	99
87) Chrysene	21.687	228	545431	44.647	ng/ul	96
89) Di-n-octyl phthalate	22.703	149	562116	41.526	ng/ul	100
90) Benzo(b)fluoranthene	23.831	252	620284	42.377	ng/ul#	97
91) Benzo(k)fluoranthene	23.901	252	600867	43.004	ng/ul	98
93) Benzo(a)pyrene	24.700	252	547008	42.746	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.548	276	717369	42.783	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.595	278	606266	43.586	ng/ul#	99
96) Benzo(g,h,i)perylene	29.694	276	578273	43.044	ng/ul	98

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