Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM041221\
Data File : BM029448.D
Acq On : 12 Apr 2021 12:41
Operator : CG/JU
Sample : SSTD01015
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 12 15:04:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM041221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 12 15:01:13 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD010015

Manual Integrations APPROVED
mohammad
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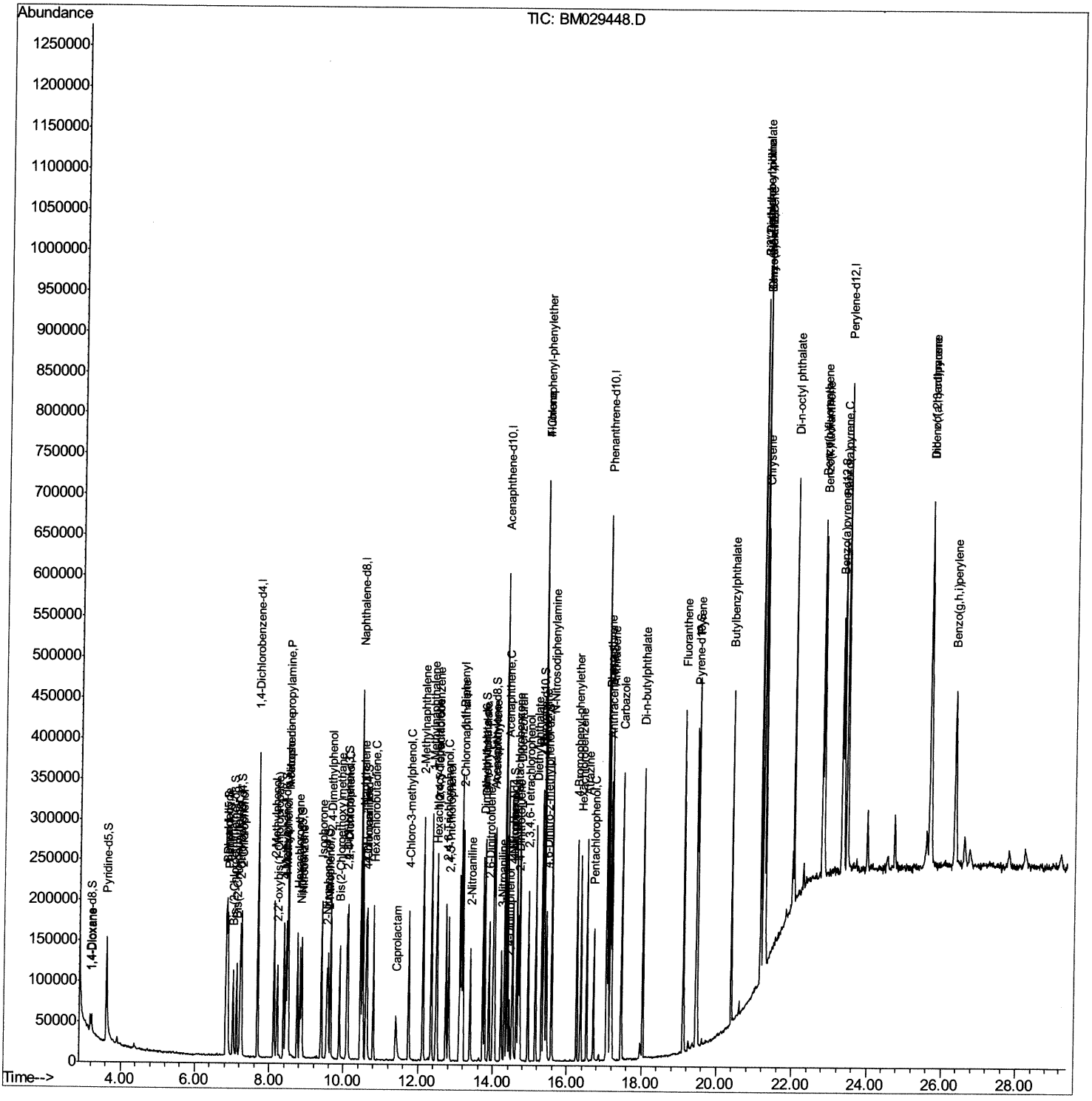

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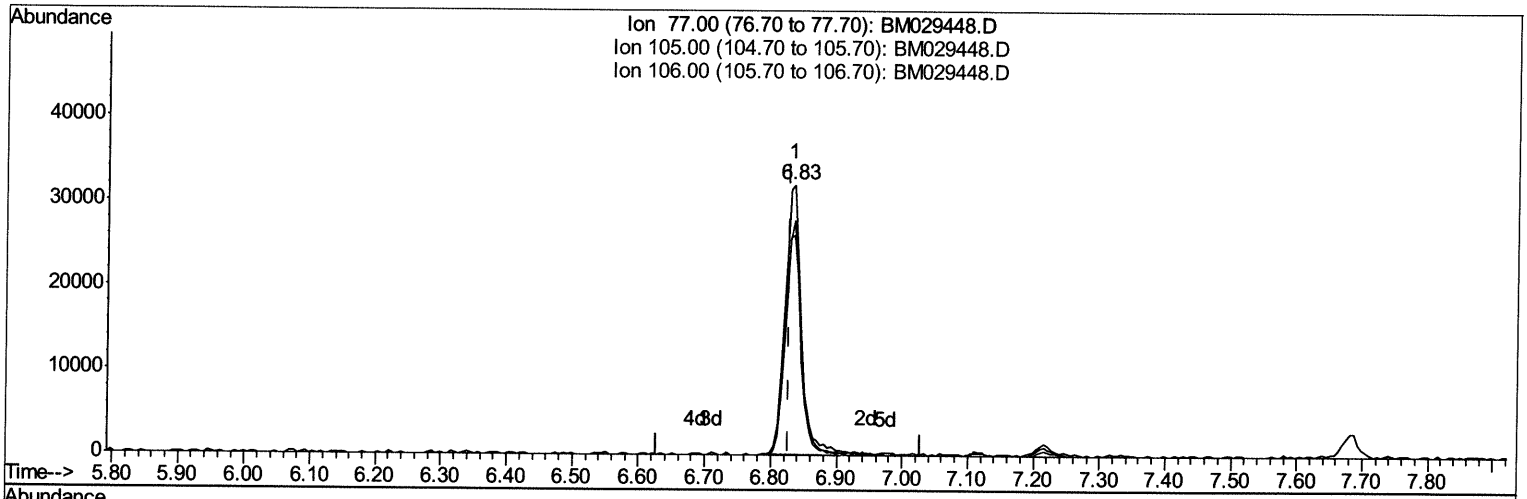

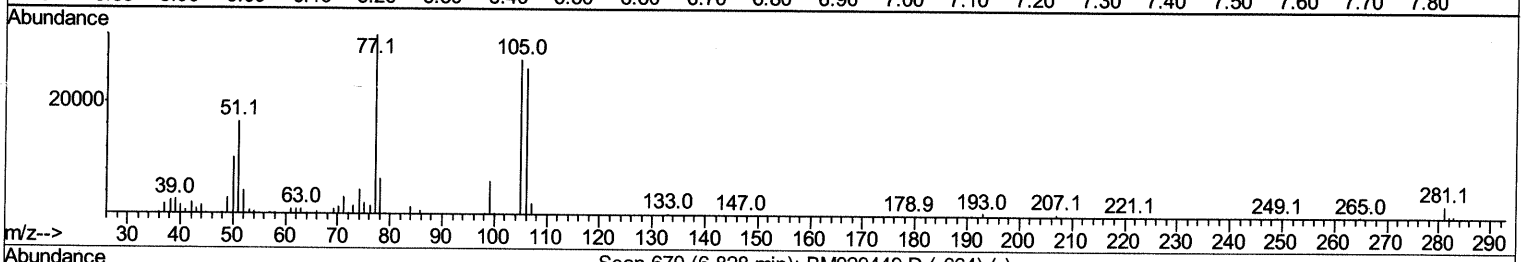

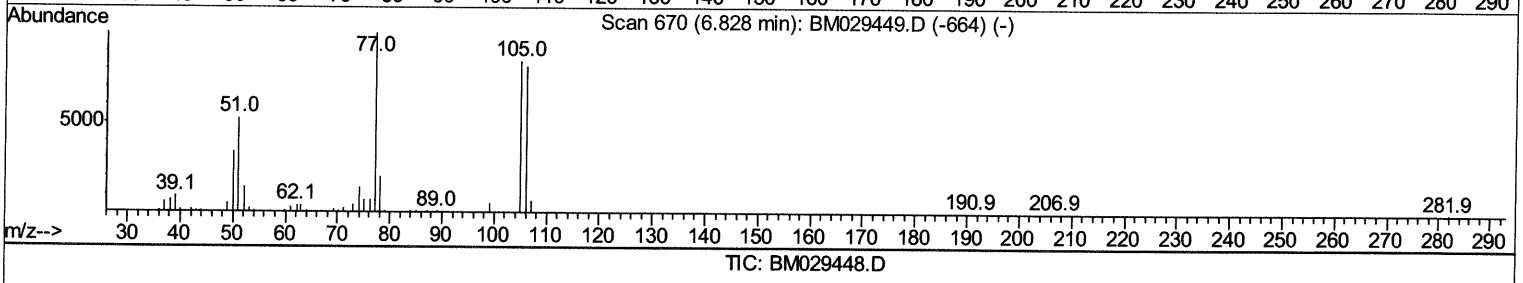

TIC: BM029448.D

(6) Benzaldehyde

6.834min (+0.006) 15.32ng/ul

response 55269

Ion	Exp%	Act%
77.00	100	100
105.00	84.30	86.70
106.00	81.60	81.45
0.00	0.00	0.00

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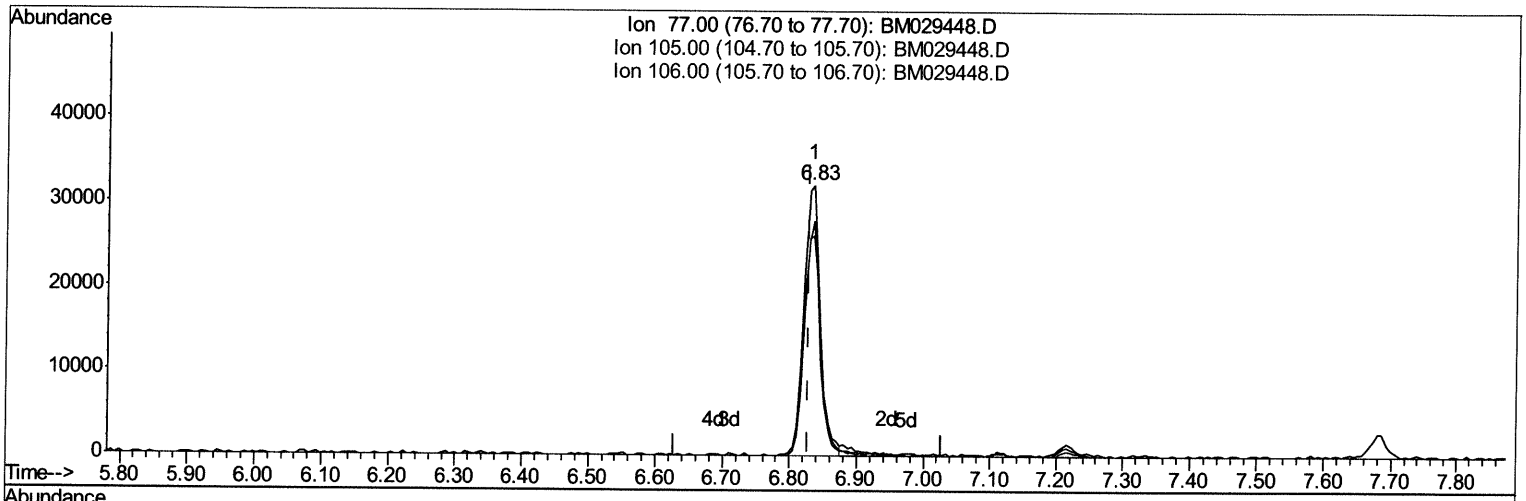

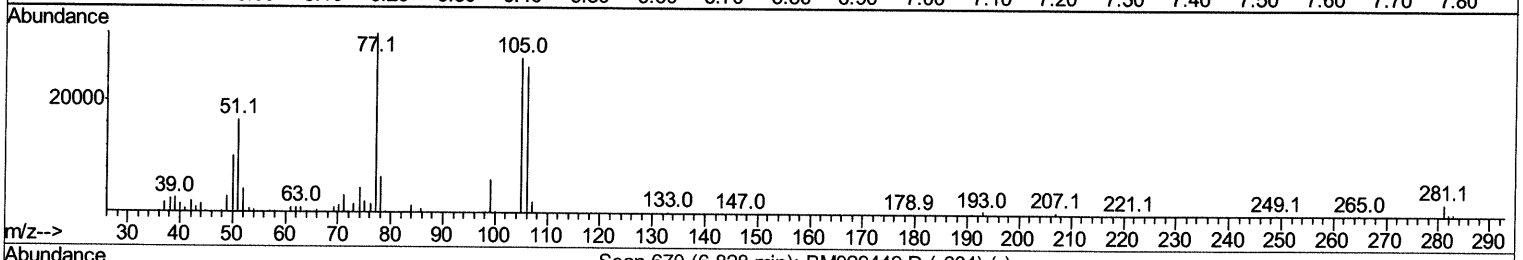

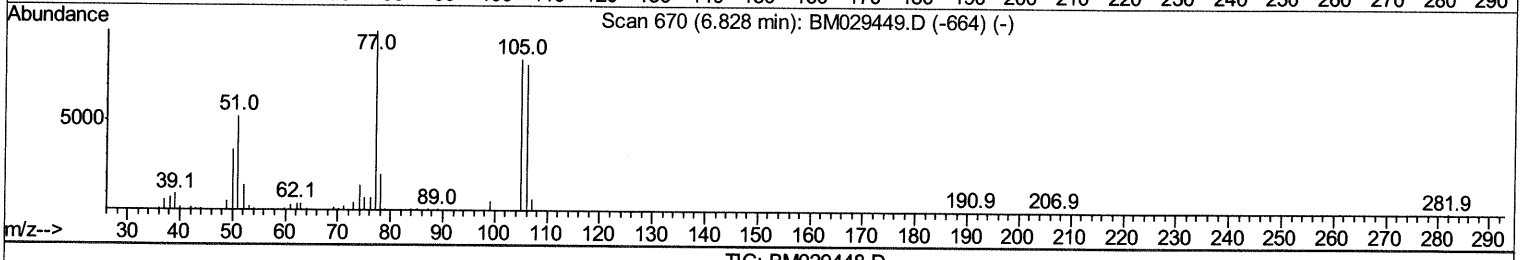

TIC: BM029448.D

(6) Benzaldehyde

6.834min (+0.006) 15.11ng/ul m 04/15/21 JU

response 54514

Ion	Exp%	Act%
77.00	100	100
105.00	84.30	86.70
106.00	81.60	81.45
0.00	0.00	0.00

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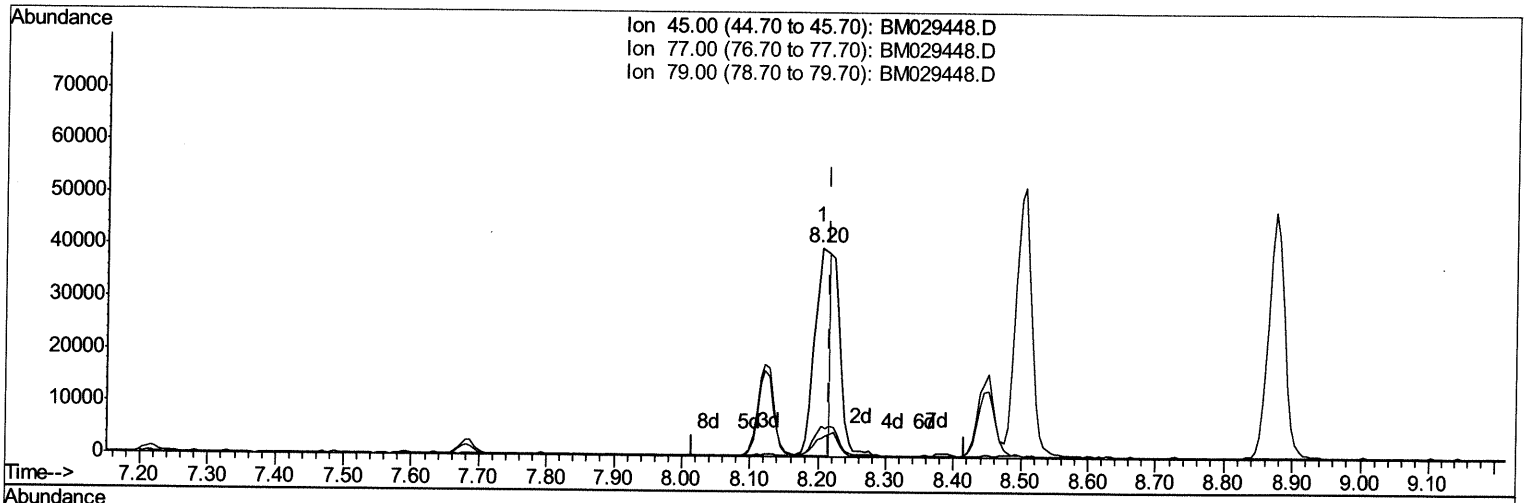

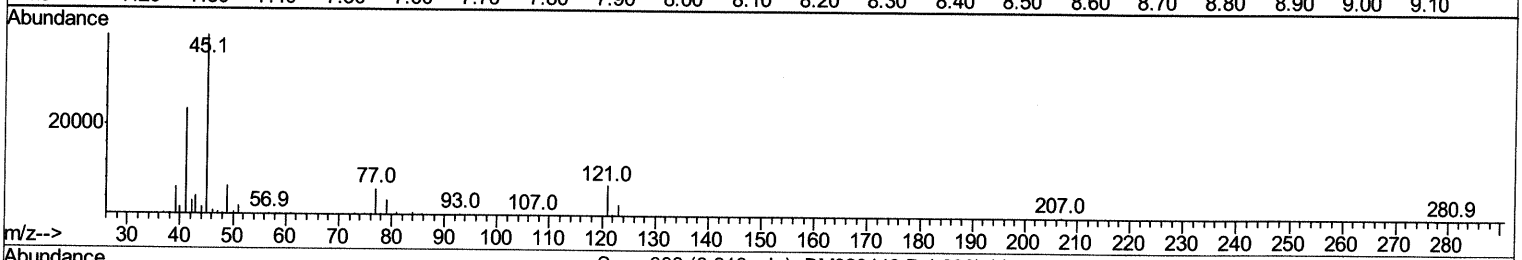

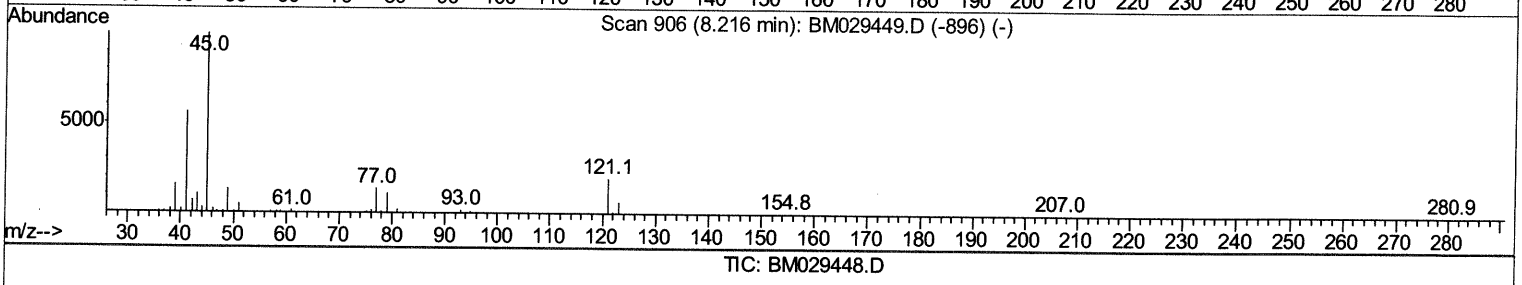

TIC: BM029448.D

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

8.204min (-0.012) 9.45ng/ul

response 64616

Ion	Exp%	Act%
45.00	100	100
77.00	14.30	14.79
79.00	11.70	8.88#
0.00	0.00	0.00

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Manual Integrations APPROVED
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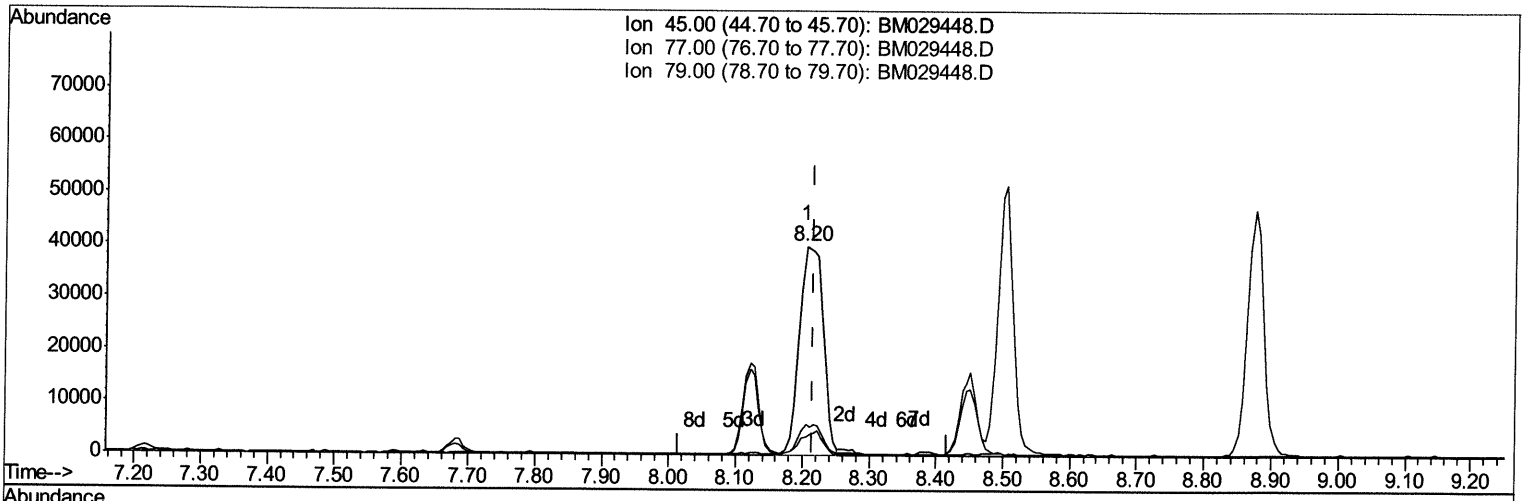

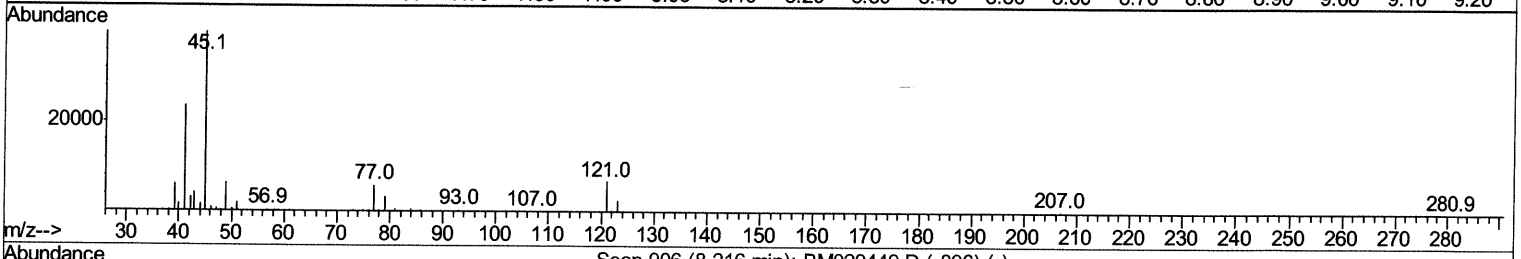

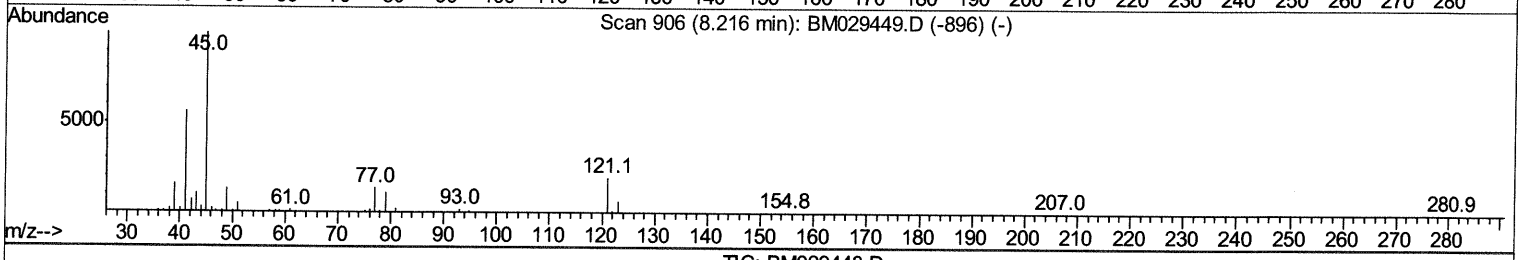

TIC: BM029448.D

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

8.204min (-0.012) 14.31ng/ul m 04/15/21 JU

response 97889

Ion	Exp%	Act%
45.00	100	100
77.00	14.30	14.79
79.00	11.70	8.88#
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	85102	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	329319	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	180418	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.06	188	341361	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	328738	20.00	ng/ul	0.00
87) Perylene-d12	23.44	264	352668	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	9220	4.26	ng/uL	0.01
4) Pyridine-d5	3.61	84	49098	8.68	ng/ul	0.01
7) Phenol-d5	6.85	99	74712	11.12	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	50105	12.90	ng/ul	0.00
11) 2-Chlorophenol-d4	7.22	132	59108	11.30	ng/ul	0.00
15) 4-Methylphenol-d8	8.39	113	55414	10.62	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	24997	11.93	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	26286	13.16	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.09	165	51678	9.88	ng/ul	0.00
31) 4-Chloroaniline-d4	10.60	131	70565	9.53	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	139769	10.27	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	166982	10.38	ng/ul	0.00
54) 4-Nitrophenol-d4	14.52	143	23706	10.70	ng/ul	0.00
60) Fluorene-d10	15.32	176	116331	9.93	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.43	200	18032	11.21	ng/ul	0.00
73) Anthracene-d10	17.16	188	164666	10.10	ng/ul	0.00
80) Pyrene-d10	19.45	212	170721	11.13	ng/ul	0.00
91) Benzo(a)pyrene-d12	23.31	264	191358	10.19	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	10127	4.659	ng/uL	88
5) Pyridine	3.63	79	59921	10.307	ng/ul	95
6) Benzaldehyde	6.83	77	54514m >	15.115	ng/ul>	04/13/21 JU
8) Phenol	6.88	94	80245	11.360	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.12	93	61254	11.736	ng/ul	98
12) 2-Chlorophenol	7.25	128	63016	11.292	ng/ul	98
13) 2-Methylphenol	8.12	108	55533	10.658	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.20	45	97889m >	14.309	ng/ul>	04/13/21 JU
16) Acetophenone	8.50	105	92242	10.819	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.49	70	51204	12.626	ng/ul	99
18) 4-Methylphenol	8.45	108	59705	10.792	ng/ul	97
19) Hexachloroethane	8.75	117	27514	11.511	ng/ul	99
22) Nitrobenzene	8.87	77	78738	12.893	ng/ul	99
23) Isophorone	9.40	82	129032	11.826	ng/ul	95
25) 2-Nitrophenol	9.58	139	30339	13.187	ng/ul	96
26) 2,4-Dimethylphenol	9.65	107	68423	10.944	ng/ul	96
27) Bis(2-Chloroethoxy)methane	9.89	93	76884	11.796	ng/ul	96
29) 2,4-Dichlorophenol	10.11	162	52883	9.986	ng/ul	96
30) Naphthalene	10.51	128	188660	10.575	ng/ul	98
32) 4-Chloroaniline	10.62	127	72969	9.692	ng/ul	97
33) Hexachlorobutadiene	10.80	225	31229	8.212	ng/ul	97
34) Caprolactam	11.40	113	14209	10.556	ng/ul	89

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.75	107	57151	11.109 ng/ul	98
36) 2-Methylnaphthalene	12.13	142	126510	10.038 ng/ul	94
37) 1-Methylnaphthalene	12.35	142	127227	10.224 ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	53491	8.581 ng/ul#	97
40) Hexachlorocyclopentadiene	12.48	237	30358	7.414 ng/ul	100
41) 2,4,6-Trichlorophenol	12.74	196	36112	10.535 ng/ul	98
42) 2,4,5-Trichlorophenol	12.82	196	36993	10.134 ng/ul	99
43) 1,1'-Biphenyl	13.15	154	158818	10.813 ng/ul	97
44) 2-Chloronaphthalene	13.19	162	120538	10.395 ng/ul	99
45) 2-Nitroaniline	13.40	65	38237	15.371 ng/ul	99
47) Dimethylphthalate	13.78	163	144648	10.386 ng/ul	100
48) 2,6-Dinitrotoluene	13.90	165	25256	11.652 ng/ul	94
50) Acenaphthylene	14.04	152	177737	10.684 ng/ul	99
51) 3-Nitroaniline	14.23	138	28237	11.780 ng/ul	96
52) Acenaphthene	14.39	153	130939	10.599 ng/ul	96
53) 2,4-Dinitrophenol	14.43	184	12462	10.715 ng/ul	96
55) 4-Nitrophenol	14.53	109	24237	11.496 ng/ul	96
56) Dibenzofuran	14.72	168	174766	10.180 ng/ul	98
57) 2,4-Dinitrotoluene	14.69	165	36868	11.920 ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.94	232	29667	10.142 ng/ul	95
59) Diethylphthalate	15.15	149	148994	10.866 ng/ul	99
61) Fluorene	15.37	166	145034	10.097 ng/ul	97
62) 4-Chlorophenyl-phenylether	15.37	204	64704	8.974 ng/ul	98
63) 4-Nitroaniline	15.39	138	26652	10.654 ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.44	198	19150	11.313 ng/ul#	93
67) N-Nitrosodiphenylamine	15.58	169	120211	11.024 ng/ul	99
68) 4-Bromophenyl-phenylether	16.26	248	34134	9.397 ng/ul	96
69) Hexachlorobenzene	16.37	284	39543	9.772 ng/ul	98
70) Atrazine	16.53	200	38829	9.295 ng/ul	95
71) Pentachlorophenol	16.72	266	22043	9.593 ng/ul	88
72) Phenanthrene	17.10	178	217022	10.769 ng/ul	99
74) Anthracene	17.19	178	218384	10.546 ng/ul	99
75) Pentachlorobenzene	14.64	250	52056	9.672 ng/uL	98
76) Carbazole	17.46	167	194517	10.205 ng/ul	98
77) Di-n-butylphthalate	18.03	149	230882	11.727 ng/ul	99
79) Fluoranthene	19.12	202	224497	11.389 ng/ul	99
81) Pyrene	19.48	202	236875	11.465 ng/ul	98
82) Butylbenzylphthalate	20.39	149	102055	14.056 ng/ul	98
83) 3,3'-Dichlorobenzidine	21.16	252	66148	9.717 ng/ul	99
84) Benzo(a)anthracene	21.22	228	222371	10.485 ng/ul	99
85) Bis(2-ethylhexyl)phthalate	21.16	149	162047	13.583 ng/ul	99
86) Chrysene	21.27	228	214122	10.327 ng/ul	100
88) Di-n-octyl phthalate	22.03	149	281967	12.534 ng/ul	100
89) Benzo(b)fluoranthene	22.79	252	229433	10.066 ng/ul	97
90) Benzo(k)fluoranthene	22.83	252	238708	10.482 ng/ul	99
92) Benzo(a)pyrene	23.35	252	211619	10.246 ng/ul	98
93) Indeno(1,2,3-cd)pyrene	25.67	276	284572	10.247 ng/ul	99
94) Dibenzo(a,h)anthracene	25.68	278	236901	10.110 ng/ul	99
95) Benzo(g,h,i)perylene	26.34	276	232806	10.220 ng/ul	100

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

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