Quantitation Report (Qedit)

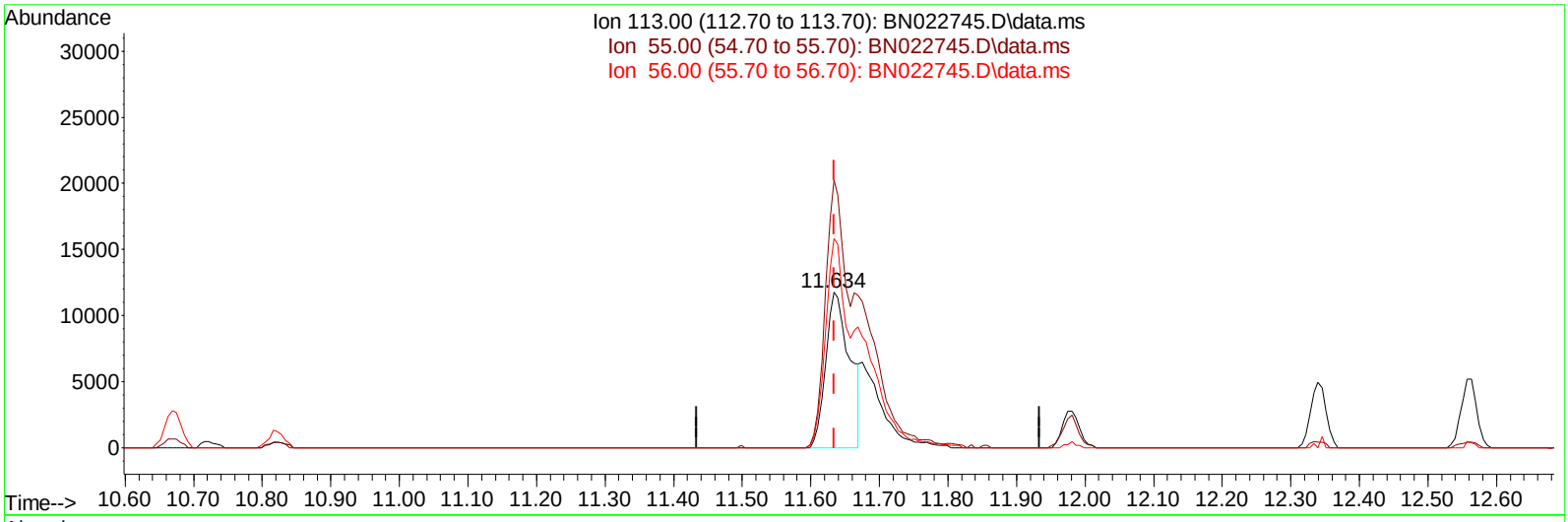
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111722\
Data File : BN022745.D
Acq On : 18 Nov 2022 07:44
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 34 Sample Multiplier: 1

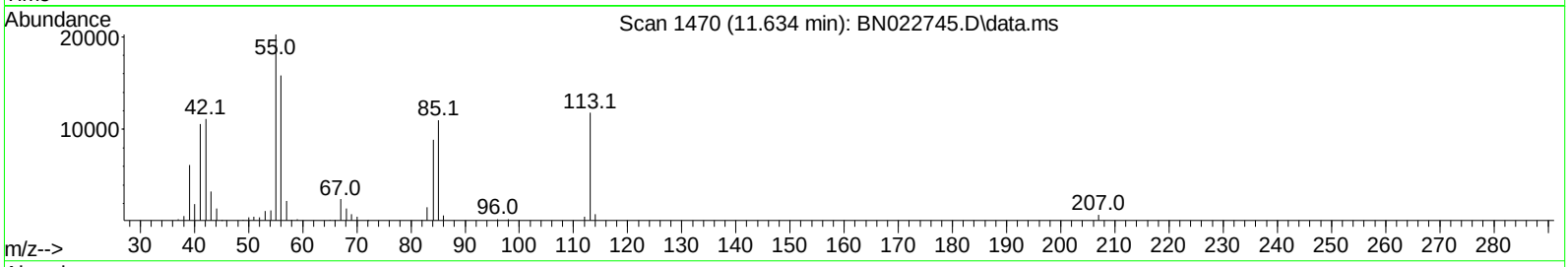
Quant Time: Nov 18 08:27:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 18 05:17:17 2022
Response via : Initial Calibration

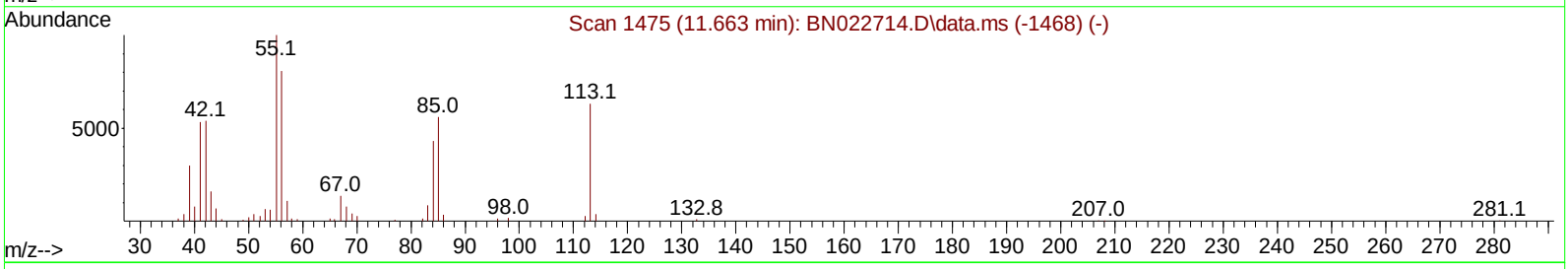
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/18/2022
Supervised By :mohammad ahmed 11/21/2022







TIC: BN022745.D\data.ms

(34) Caprolactam

11.634min (-0.000) 13.74 ng/ul

response 28778

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.30	171.86
56.00	129.70	134.19
0.00	0.00	0.00

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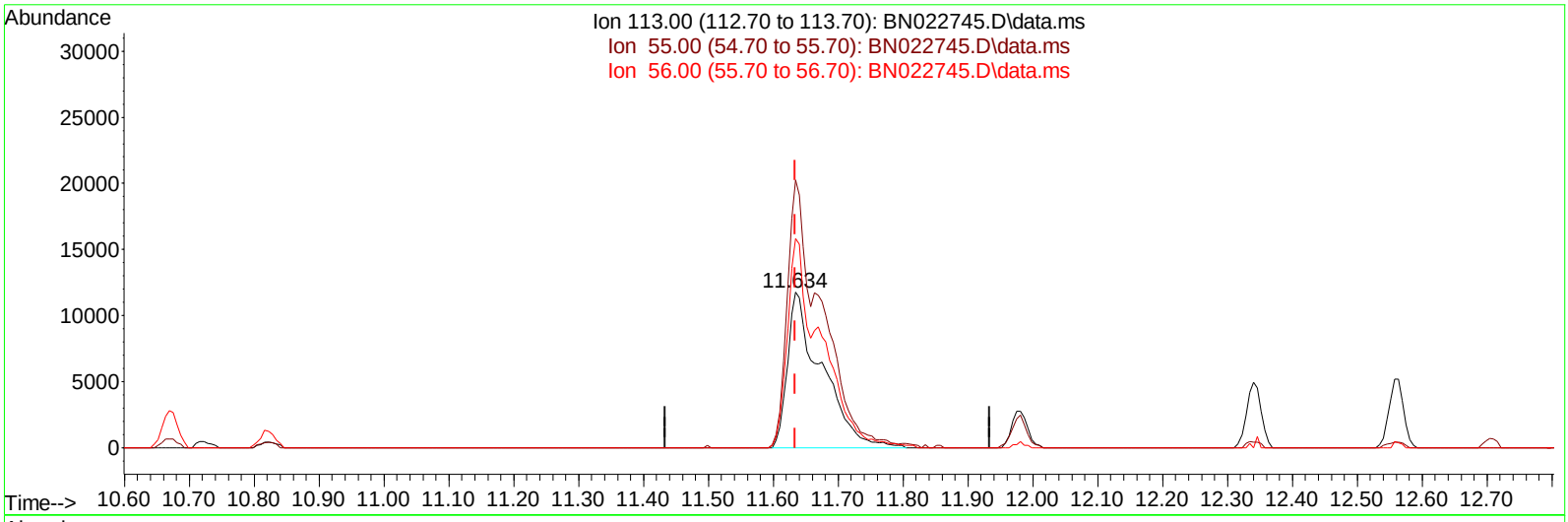

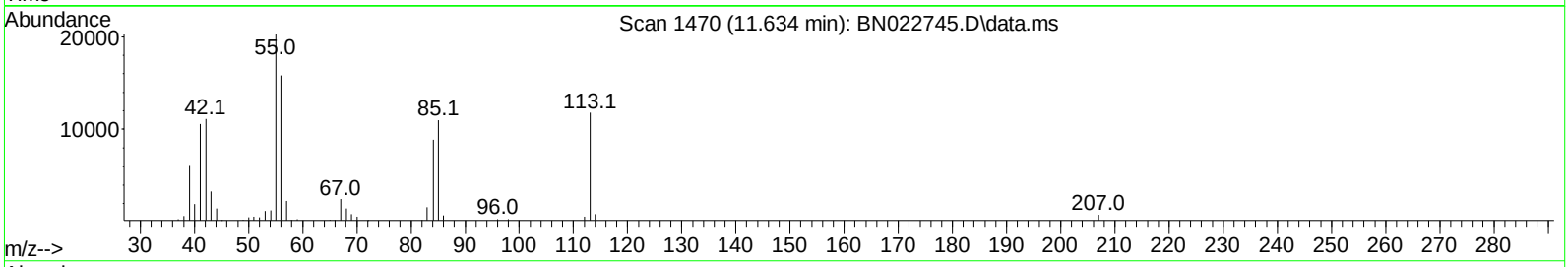

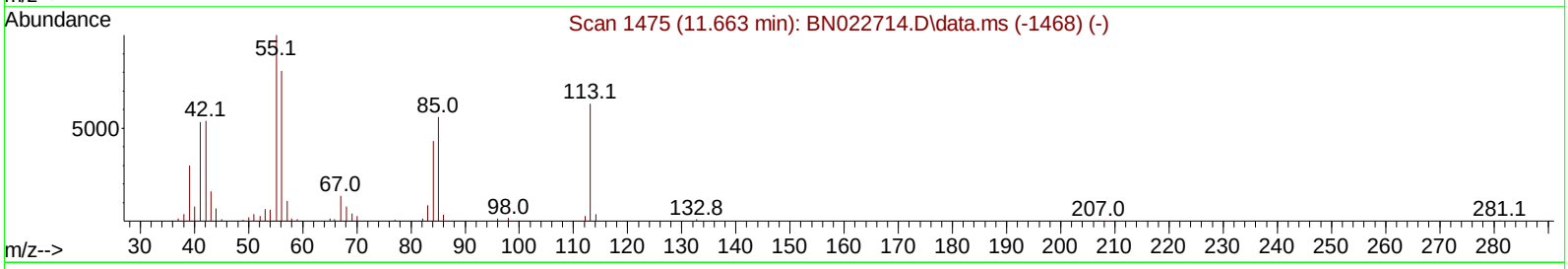

TIC: BN022745.D\data.ms

(34) Caprolactam

11.634min (-0.000) 20.50 ng/ul m

response 42934

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.30	171.86
56.00	129.70	134.19
0.00	0.00	0.00

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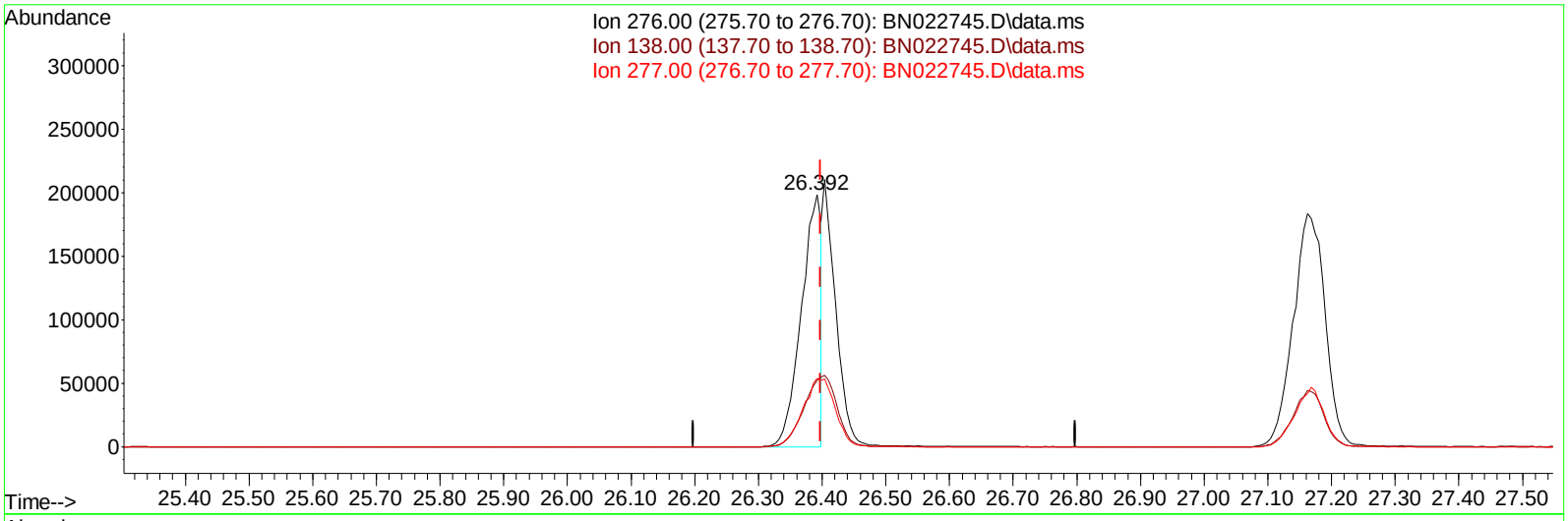

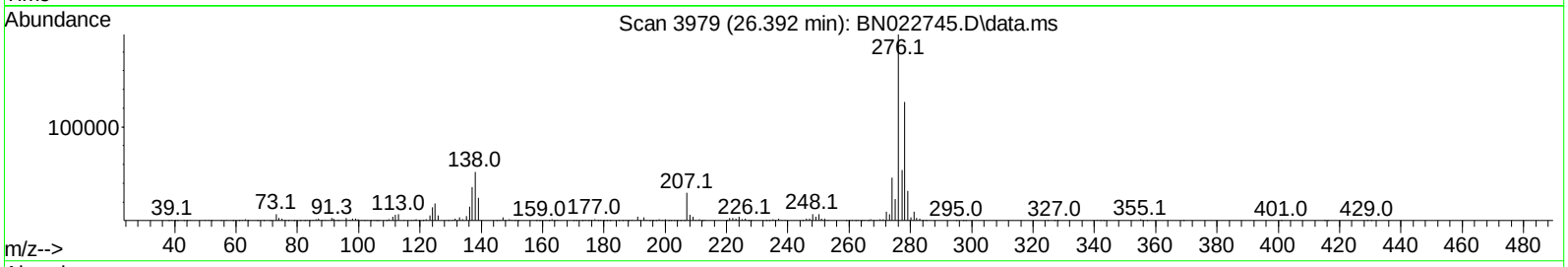

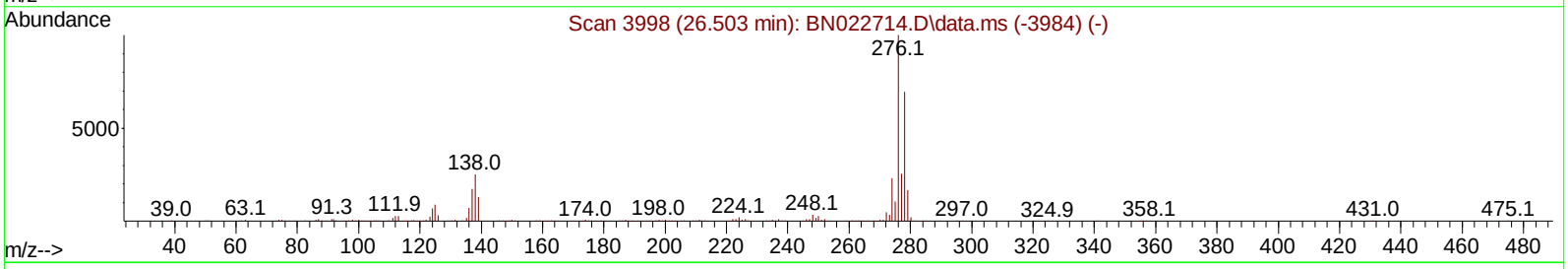

TIC: BN022745.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

26.392min (-0.006) 11.92 ng/ul

response 428633

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	26.23
277.00	24.00	27.08
0.00	0.00	0.00

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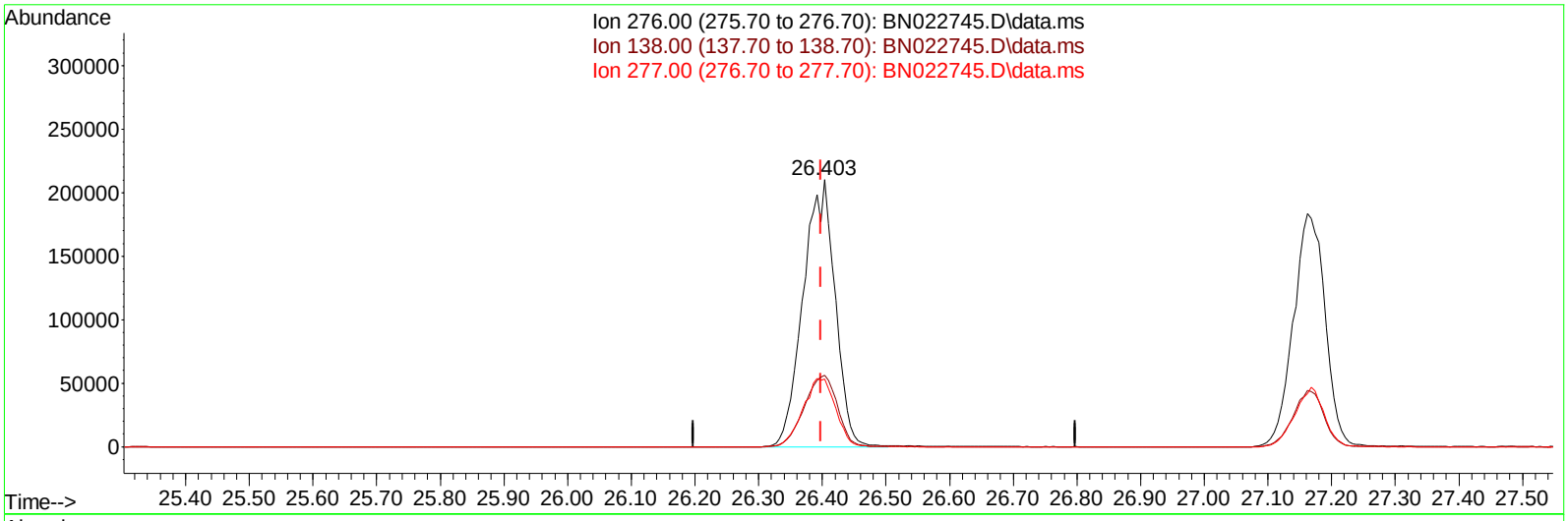

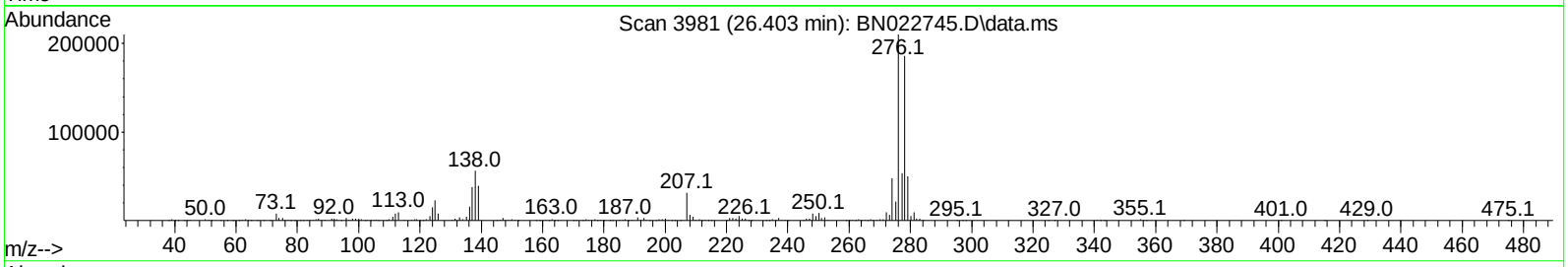

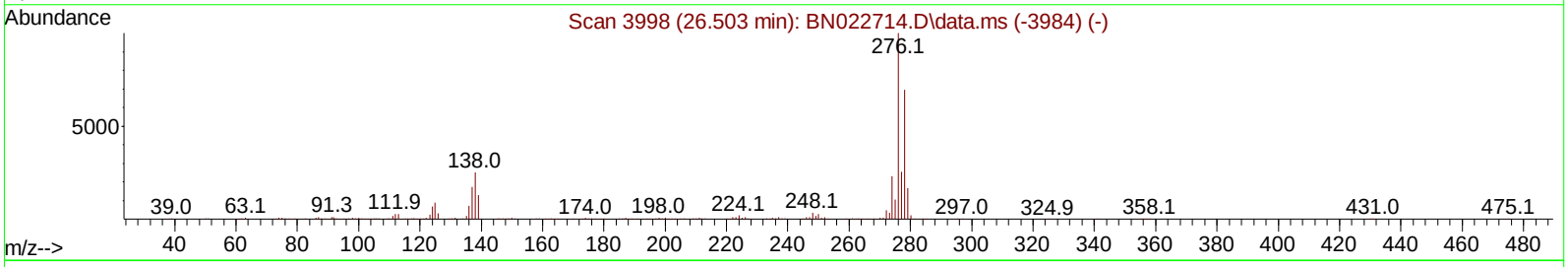

TIC: BN022745.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

26.403min (+ 0.006) 20.19 ng/ul m

response 725720

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	26.74
277.00	24.00	25.40
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/18/2022
Supervised By :mohammad ahmed 11/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	75437	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	368934	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.522	164	240751	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.280	188	519688	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	518740	20.000	ng/ul	0.00
88) Perylene-d12	23.886	264	550334	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	16489	7.463	ng/uL	0.00
4) Pyridine-d5	3.616	84	117905	18.869	ng/ul	0.00
7) Phenol-d5	7.022	99	141260	19.826	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	90770	21.248	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	105291	20.179	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	117405	20.873	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	57147	20.012	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	61864	19.415	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	109599	20.176	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	167824	20.282	ng/ul	0.00
46) Dimethylphthalate-d6	13.939	166	366713	20.942	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	402747	20.874	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	71042	20.351	ng/ul	0.00
60) Fluorene-d10	15.522	176	296723	20.660	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	61545	18.632	ng/ul	0.00
73) Anthracene-d10	17.375	188	456798	20.074	ng/ul	0.00
81) Pyrene-d10	19.686	212	517017	19.232	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	541395	19.570	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	16705	7.104	ng/uL#	90
5) Pyridine	3.634	79	119444	19.279	ng/ul	95
6) Benzaldehyde	6.993	77	84947	23.565	ng/ul	99
8) Phenol	7.052	94	147823	19.921	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.281	93	118017	20.410	ng/ul	97
12) 2-Chlorophenol	7.410	128	111293	19.975	ng/ul	98
13) 2-Methylphenol	8.310	108	113677	20.581	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.393	45	168133	22.028	ng/ul	97
16) Acetophenone	8.693	105	194332	21.646	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.675	70	107322	22.430	ng/ul	98
18) 4-Methylphenol	8.646	108	127288	21.223	ng/ul	97
19) Hexachloroethane	8.928	117	47656	20.203	ng/ul	97
22) Nitrobenzene	9.075	77	153284	19.812	ng/ul	98
23) Isophorone	9.604	82	302556	20.444	ng/ul	99
25) 2-Nitrophenol	9.787	139	70965	20.257	ng/ul	98
26) 2,4-Dimethylphenol	9.851	107	153485	20.425	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.093	93	172480	20.210	ng/ul	99
29) 2,4-Dichlorophenol	10.322	162	112150	20.313	ng/ul	99
30) Naphthalene	10.722	128	395379	20.191	ng/ul	100
32) 4-Chloroaniline	10.845	127	174627	20.209	ng/ul	99
33) Hexachlorobutadiene	10.998	225	67969	20.000	ng/ul	97
34) Caprolactam	11.634	113	42934m	20.498	ng/ul	
35) 4-Chloro-3-methylphenol	11.981	107	151099	20.984	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.340	142	271872	20.380	ng/ul	96
37) 1-Methylnaphthalene	12.557	142	273768	20.472	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.710	216	129697	20.071	ng/ul	98
40) Hexachlorocyclopentadiene	12.681	237	70078	18.574	ng/ul	98
41) 2,4,6-Trichlorophenol	12.957	196	91130	19.862	ng/ul	96
42) 2,4,5-Trichlorophenol	13.034	196	98156	20.203	ng/ul	95
43) 1,1'-Biphenyl	13.357	154	358164	20.268	ng/ul	99
44) 2-Chloronaphthalene	13.398	162	282202	20.494	ng/ul	97
45) 2-Nitroaniline	13.616	65	103827	20.762	ng/ul	98
47) Dimethylphthalate	13.986	163	378383	20.558	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	79250	21.271	ng/ul	99
50) Acenaphthylene	14.245	152	441505	20.483	ng/ul	100
51) 3-Nitroaniline	14.445	138	83847	20.901	ng/ul	97
52) Acenaphthene	14.586	153	314778	20.583	ng/ul	100
53) 2,4-Dinitrophenol	14.657	184	54457	20.915	ng/ul	97
55) 4-Nitrophenol	14.763	109	70692	20.429	ng/ul	98
56) Dibenzofuran	14.922	168	412981	20.438	ng/ul	96
57) 2,4-Dinitrotoluene	14.904	165	114004	21.012	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.151	232	86069	20.684	ng/ul	97
59) Diethylphthalate	15.351	149	409959	21.015	ng/ul	100
61) Fluorene	15.575	166	356593	21.132	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.569	204	165353	20.788	ng/ul	96
63) 4-Nitroaniline	15.610	138	83059	23.217	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.669	198	64752	18.965	ng/ul	98
67) N-Nitrosodiphenylamine	15.786	169	306587	19.704	ng/ul	97
68) 4-Bromophenyl-phenylether	16.469	248	103442	20.213	ng/ul	95
69) Hexachlorobenzene	16.580	284	121098	20.243	ng/ul	91
70) Atrazine	16.745	200	111629	20.127	ng/ul	96
71) Pentachlorophenol	16.928	266	71159	18.722	ng/ul	91
72) Phenanthrene	17.322	178	544384	19.435	ng/ul	99
74) Anthracene	17.416	178	561818	19.801	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	134946	19.691	ng/uL	94
76) Pentachlorobenzene	14.839	250	146722	19.837	ng/uL	99
77) Carbazole	17.692	167	530325	20.117	ng/ul	99
78) Di-n-butylphthalate	18.251	149	726728	19.370	ng/ul	100
80) Fluoranthene	19.345	202	656099	19.555	ng/ul	98
82) Pyrene	19.716	202	674859	19.635	ng/ul	98
83) Butylbenzylphthalate	20.616	149	348325	19.910	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.410	252	229523	20.053	ng/ul	93
85) Benzo(a)anthracene	21.468	228	673160	19.651	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	534633	20.704	ng/ul	100
87) Chrysene	21.527	228	623077	19.207	ng/ul	98
89) Di-n-octyl phthalate	22.315	149	926117	19.134	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	726108	19.469	ng/ul	98
91) Benzo(k)fluoranthene	23.198	252	689911	19.488	ng/ul	97
93) Benzo(a)pyrene	23.780	252	617899	19.546	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.403	276	725720m	20.185	ng/ul	
95) Dibenzo(a,h)anthracene	26.415	278	663410	20.588	ng/ul	95
96) Benzo(g,h,i)perylene	27.162	276	633911	20.222	ng/ul	99

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

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