Quantitation Report (Qedit)

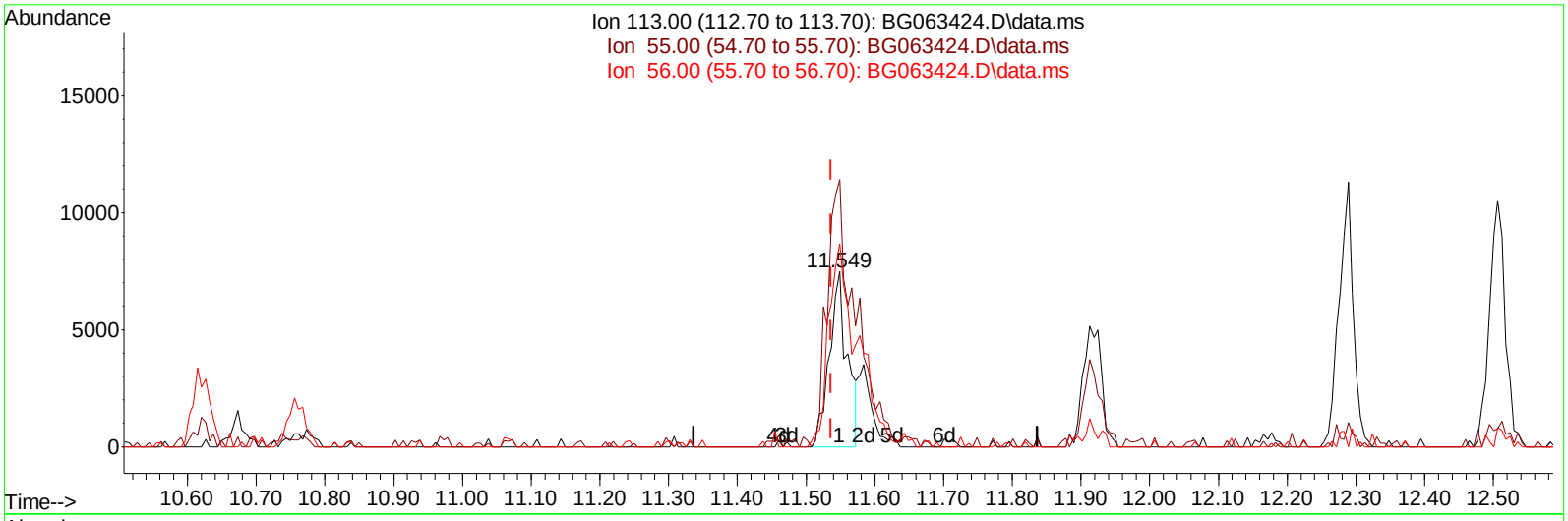
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
Data File : BG063424.D
Acq On : 15 Nov 2024 13:50
Operator : RC/JU
Sample : P4741-20MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

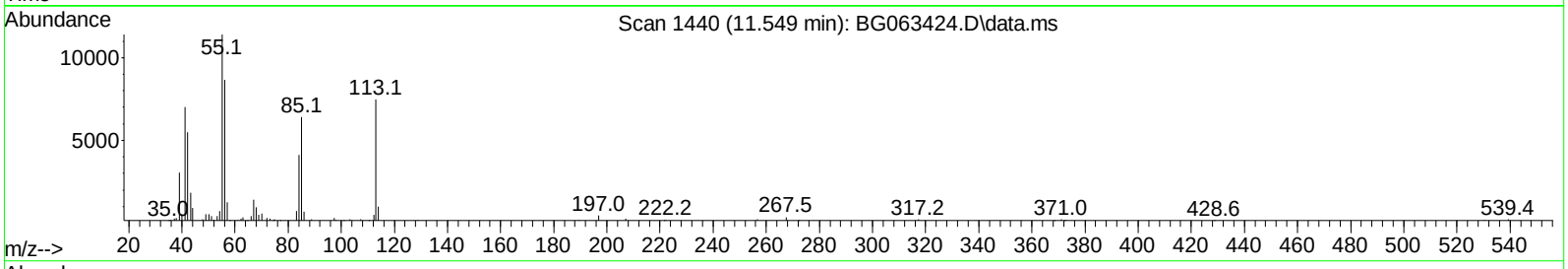
Quant Time: Nov 15 14:03:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

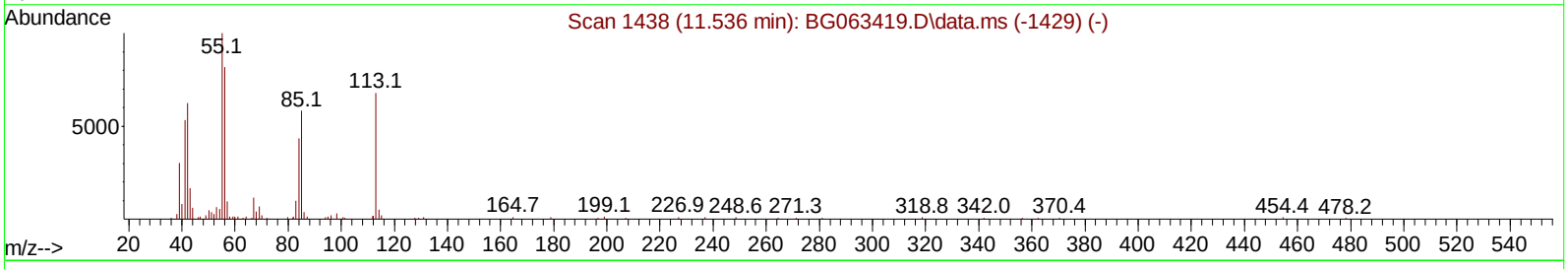
Instrument :
BNA_G
ClientSampleId :
E27N6MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024







TIC: BG063424.D\data.ms

(34) Caprolactam

11.549min (+ 0.012) 4.56 ng/ul

response 13549

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	152.45
56.00	105.40	115.79
0.00	0.00	0.00

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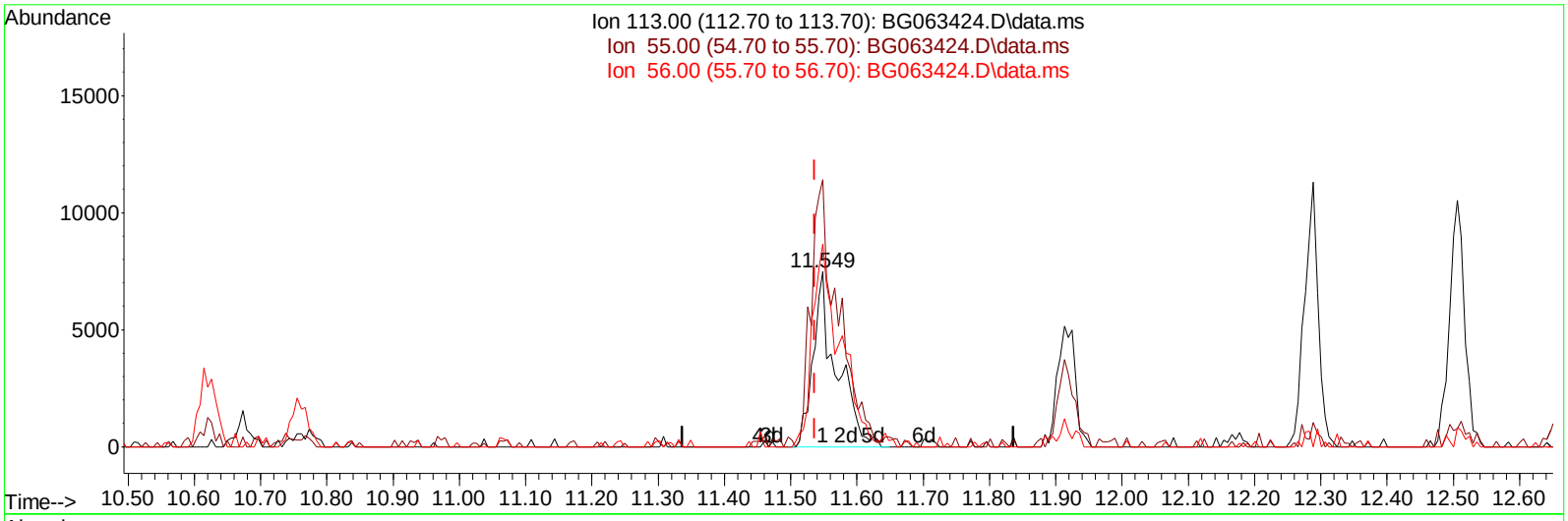

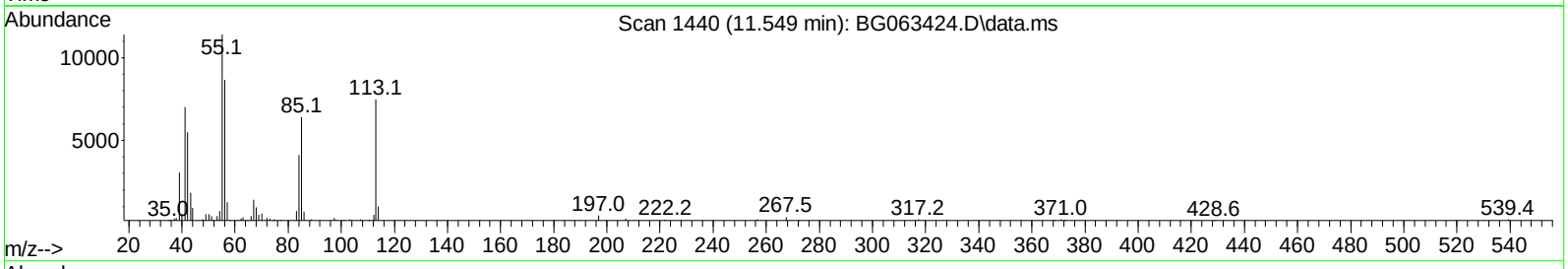

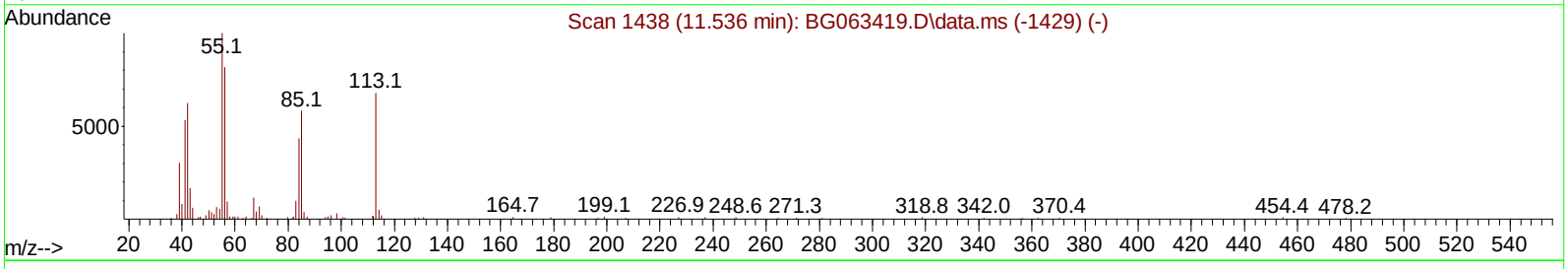

TIC: BG063424.D\data.ms

(34) Caprolactam

11.549min (+ 0.012) 6.15 ng/ul m

response 18299

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	152.45
56.00	105.40	115.79
0.00	0.00	0.00

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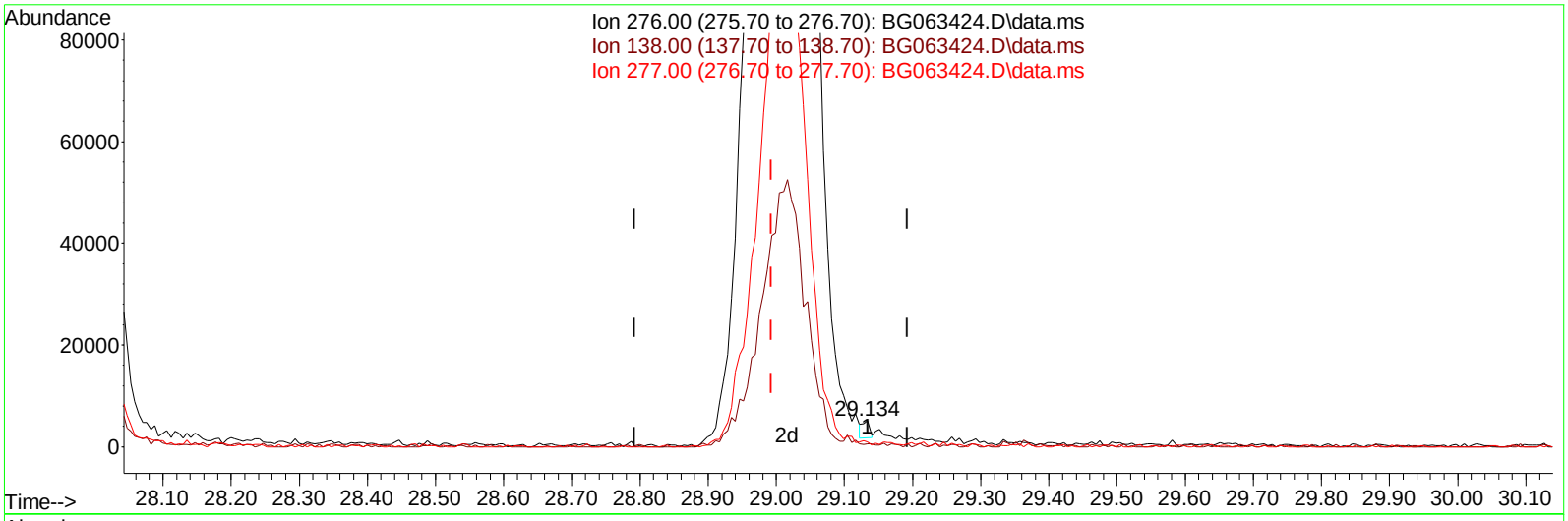

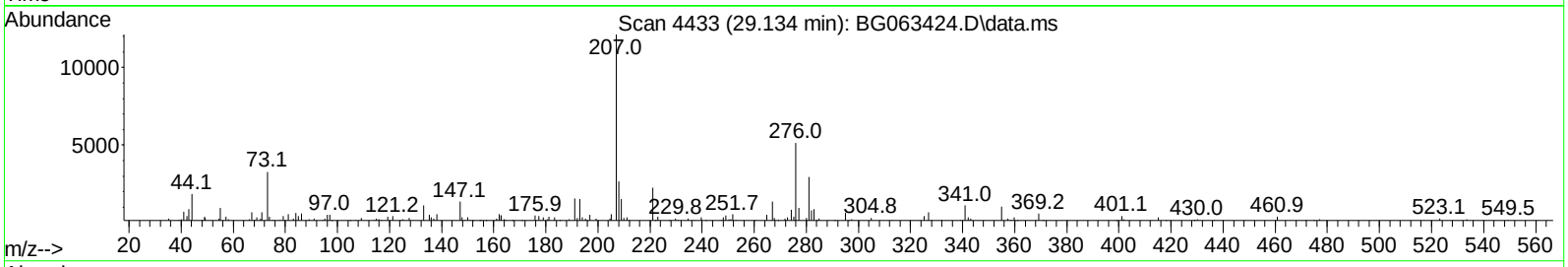

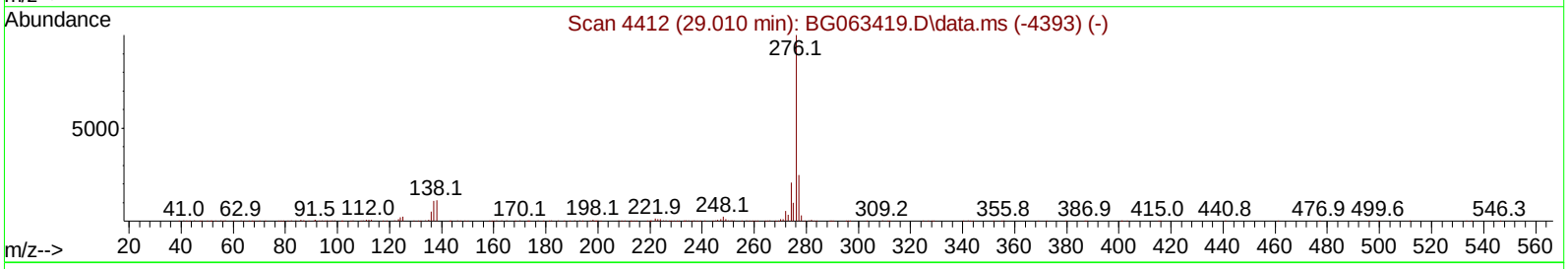

TIC: BG063424.D\data.ms

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

29.134min (+ 0.141) 0.05 ng/ul

response 2356

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.10	10.84
277.00	23.20	18.83
0.00	0.00	0.00

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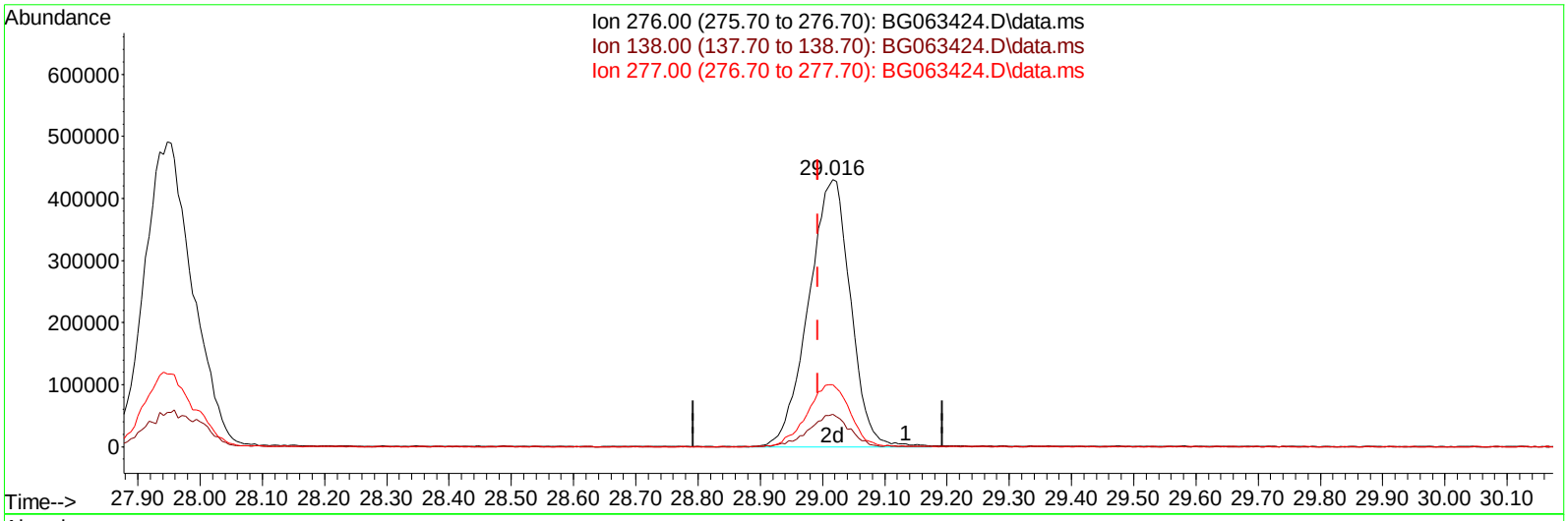

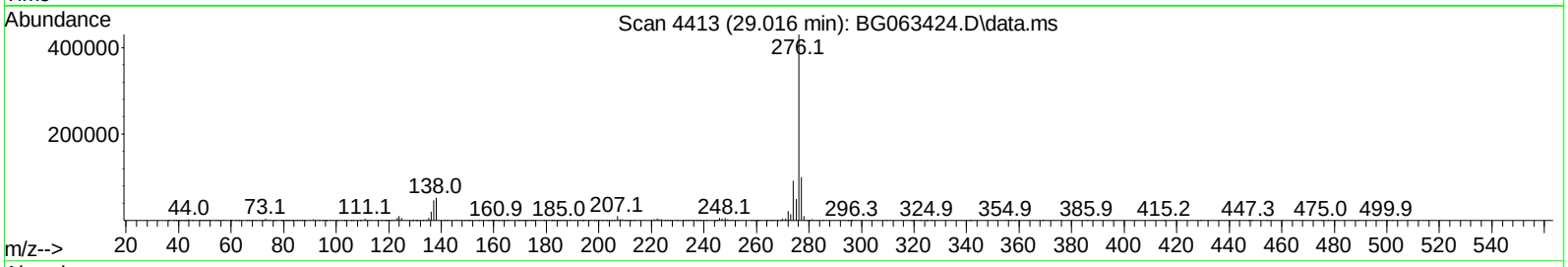

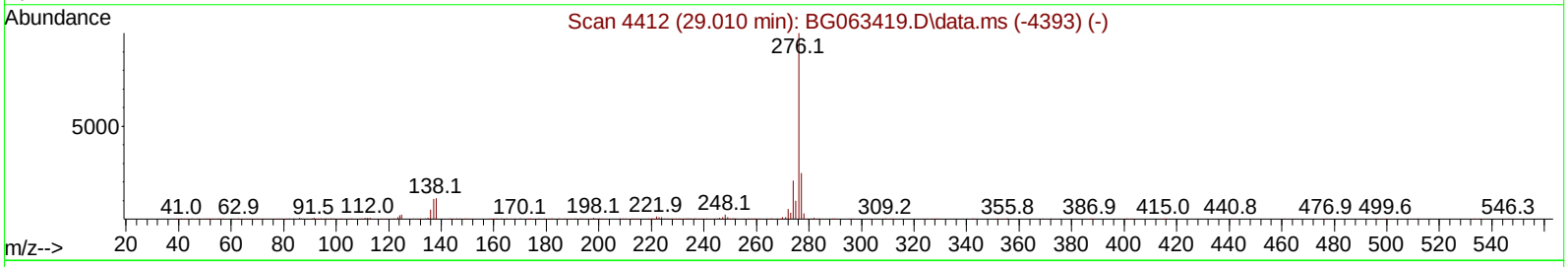

TIC: BG063424.D\data.ms

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

29.016min (+ 0.024) 39.90 ng/ul m

response 2015473

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.10	12.21#
277.00	23.20	23.29
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/18/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	94004	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.626	136	425606	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.475	164	348202	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	884347	20.000	ng/ul	0.00
79) Chrysene-d12	21.478	240	934488	20.000	ng/ul	# 0.00
88) Perylene-d12	24.516	264	975959	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	12001	5.773	ng/uL	0.00
4) Pyridine-d5	3.711	84	50352	7.328	ng/ul	0.00
7) Phenol-d5	7.007	99	148119	17.462	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	181192	36.417	ng/ul	0.00
11) 2-Chlorophenol-d4	7.371	132	202050	36.698	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	214039	29.770	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	109251	36.513	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	137130	35.460	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	273394	36.024	ng/ul	0.00
31) 4-Chloroaniline-d4	10.761	131	225704	22.833	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	977616	35.843	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	996945	37.344	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	59191	15.850	ng/ul	0.00
60) Fluorene-d10	15.468	176	869618	37.778	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	223462	40.206	ng/ul	0.00
73) Anthracene-d10	17.324	188	1534741	40.379	ng/ul	0.00
81) Pyrene-d10	19.622	212	1972184	42.093	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.310	264	1978425	41.986	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	16606	6.488	ng/uL#	74
5) Pyridine	3.734	79	50485	7.201	ng/ul#	93
6) Benzaldehyde	6.972	77	172212	36.734	ng/ul	94
8) Phenol	7.036	94	158228	17.117	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.260	93	212834	33.855	ng/ul	93
12) 2-Chlorophenol	7.401	128	202520	34.388	ng/ul	93
13) 2-Methylphenol	8.282	108	217140	32.159	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.352	45	288191	36.268	ng/ul	95
16) Acetophenone	8.652	105	384398	33.206	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.634	70	222475	32.947	ng/ul	97
18) 4-Methylphenol	8.611	108	223443	29.102	ng/ul	100
19) Hexachloroethane	8.911	117	65336	27.377	ng/ul	88
22) Nitrobenzene	9.034	77	324477	35.170	ng/ul	97
23) Isophorone	9.551	82	605138	31.077	ng/ul	99
25) 2-Nitrophenol	9.739	139	141178	36.930	ng/ul	89
26) 2,4-Dimethylphenol	9.804	107	243252	29.172	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.033	93	320463	34.139	ng/ul	95
29) 2,4-Dichlorophenol	10.280	162	256835	35.898	ng/ul	94
30) Naphthalene	10.673	128	700822	32.181	ng/ul	99
32) 4-Chloroaniline	10.785	127	204022	21.565	ng/ul	96
33) Hexachlorobutadiene	10.961	225	182307	26.624	ng/ul	95
34) Caprolactam	11.549	113	18299m	6.154	ng/ul	
35) 4-Chloro-3-methylphenol	11.919	107	288973	33.660	ng/ul	92

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E27N6MSD

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.283	142	541543	31.375 ng/ul	100
37) 1-Methylnaphthalene	12.506	142	548269	30.547 ng/ul	91
39) 1,2,4,5-Tetrachloroben...	12.659	216	427014	34.788 ng/ul	98
40) Hexachlorocyclopentadiene	12.642	237	150143	22.401 ng/ul#	94
41) 2,4,6-Trichlorophenol	12.900	196	250933	37.873 ng/ul	97
42) 2,4,5-Trichlorophenol	12.976	196	272912	37.984 ng/ul	94
43) 1,1'-Biphenyl	13.300	154	825891	37.419 ng/ul	99
44) 2-Chloronaphthalene	13.341	162	642174	37.373 ng/ul	98
45) 2-Nitroaniline	13.552	65	230763	39.370 ng/ul	94
47) Dimethylphthalate	13.928	163	878362	33.587 ng/ul#	98
48) 2,6-Dinitrotoluene	14.046	165	189599	37.886 ng/ul	97
50) Acenaphthylene	14.193	152	990983	37.265 ng/ul#	97
51) 3-Nitroaniline	14.381	138	159807	36.584 ng/ul	93
52) Acenaphthene	14.539	153	709861	37.296 ng/ul	100
53) 2,4-Dinitrophenol	14.592	184	114814	34.798 ng/ul	92
55) 4-Nitrophenol	14.704	109	67108	13.827 ng/ul	93
56) Dibenzofuran	14.874	168	1059058	36.349 ng/ul	98
57) 2,4-Dinitrotoluene	14.845	165	295436	37.326 ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.103	232	260846	35.055 ng/ul#	94
59) Diethylphthalate	15.297	149	890043	33.195 ng/ul	98
61) Fluorene	15.526	166	895288	36.306 ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.515	204	540780	34.123 ng/ul	96
63) 4-Nitroaniline	15.550	138	183377	41.477 ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.614	198	221879	38.467 ng/ul	95
67) N-Nitrosodiphenylamine	15.732	169	772826	39.173 ng/ul	97
68) 4-Bromophenyl-phenylether	16.414	248	384843	38.066 ng/ul	97
69) Hexachlorobenzene	16.537	284	397242	36.883 ng/ul	99
70) Atrazine	16.684	200	167705	15.539 ng/ul	97
71) Pentachlorophenol	16.878	266	185711	34.394 ng/ul	98
72) Phenanthrene	17.265	178	1610983	39.870 ng/ul	98
74) Anthracene	17.360	178	1594587	38.524 ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.264	216	436529	38.172 ng/ul	98
76) Pentachlorobenzene	14.798	250	464513	38.090 ng/ul	97
77) Carbazole	17.630	167	1401658	40.787 ng/ul	99
78) Di-n-butylphthalate	18.194	149	1593241	40.758 ng/ul	99
80) Fluoranthene	19.287	202	2072762	40.929 ng/ul#	97
82) Pyrene	19.651	202	2165213	40.336 ng/ul#	95
83) Butylbenzylphthalate	20.550	149	719167	45.841 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.384	252	644279	32.063 ng/ul#	96
85) Benzo(a)anthracene	21.461	228	2323905	39.315 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.378	149	1015576	44.443 ng/ul	99
87) Chrysene	21.525	228	2163871	39.264 ng/ul	98
89) Di-n-octyl phthalate	22.518	149	1765792	45.912 ng/ul	100
90) Benzo(b)fluoranthene	23.558	252	2335663	39.776 ng/ul	99
91) Benzo(k)fluoranthene	23.623	252	2349159	40.165 ng/ul#	99
93) Benzo(a)pyrene	24.381	252	2144462	39.481 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.947	276	2642119	39.657 ng/ul	95
95) Dibenzo(a,h)anthracene	28.000	278	2137002	39.343 ng/ul#	98
96) Benzo(g,h,i)perylene	29.016	276	2015473m	39.899 ng/ul	

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

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