Quantitation Report (Qedit)

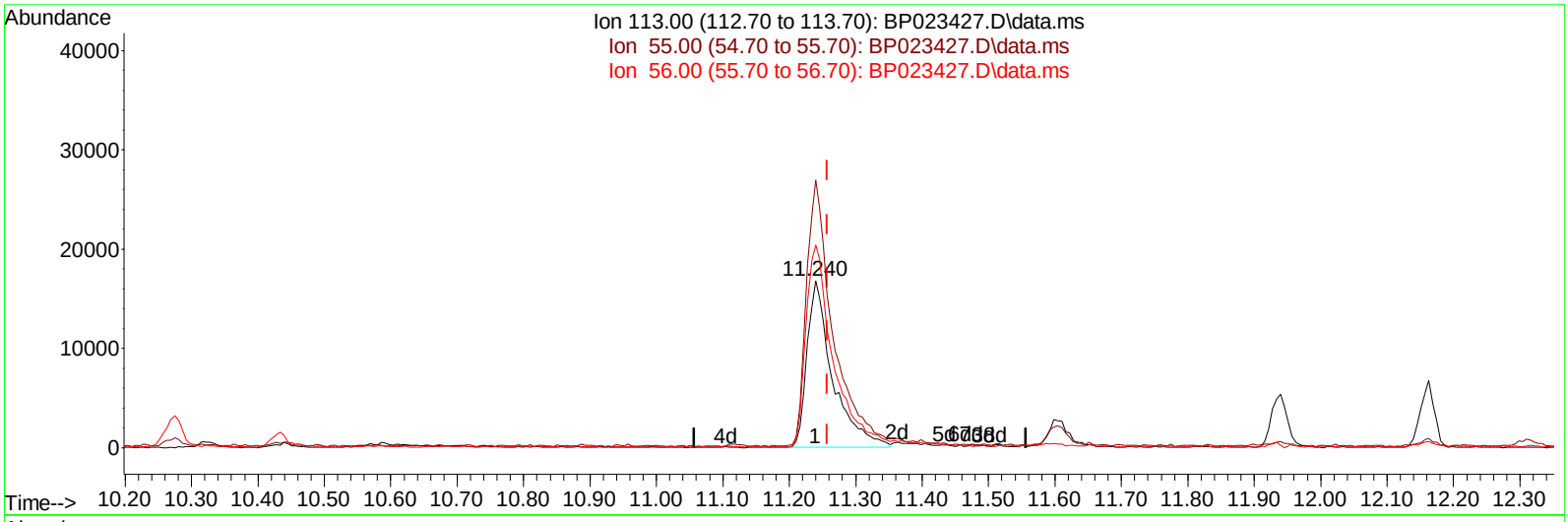
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121324\
Data File : BP023427.D
Acq On : 13 Dec 2024 20:13
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 17 Sample Multiplier: 1

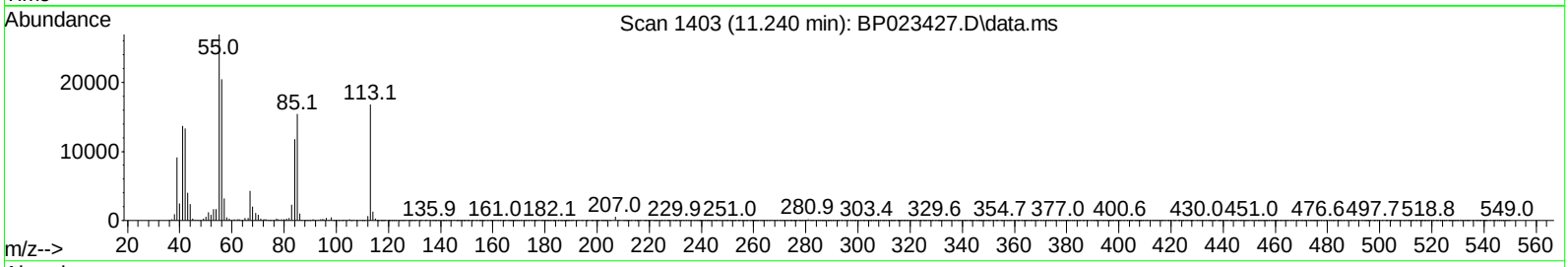
Quant Time: Dec 13 22:43:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

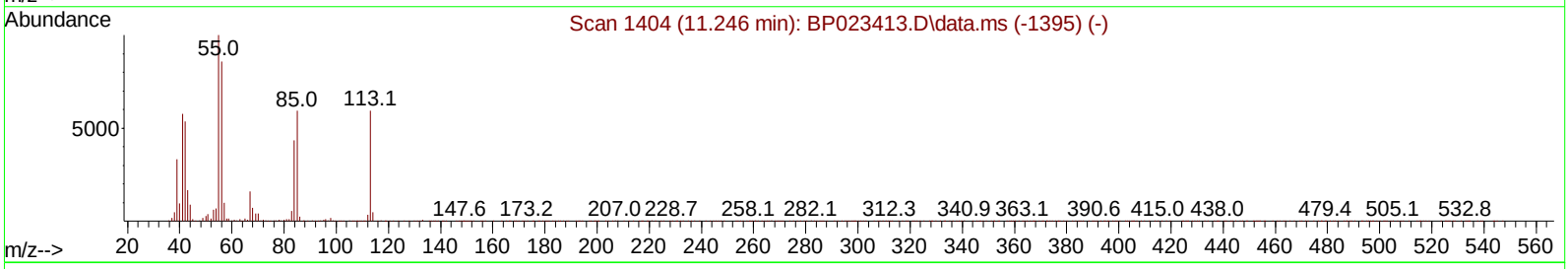
Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024







TIC: BP023427.D\data.ms

(34) Caprolactam

11.240min (-0.018) 20.99 ng/ul

response 44977

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	160.10
56.00	125.90	121.49
0.00	0.00	0.00

Quantitation Report (Qedit)

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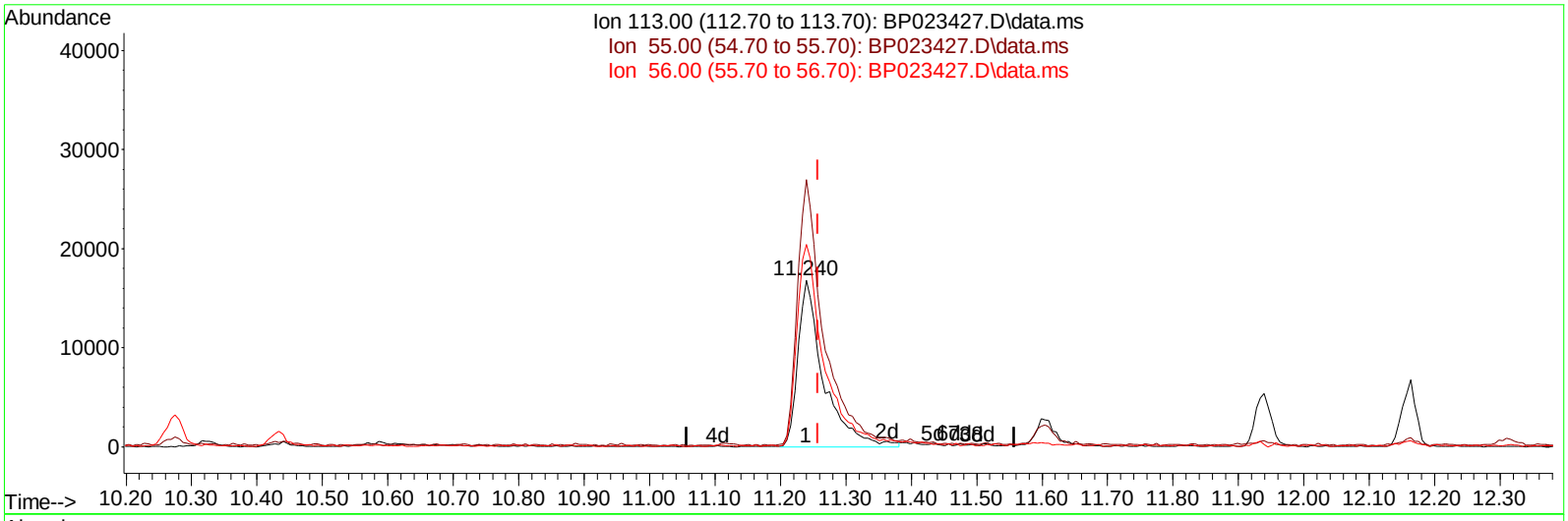

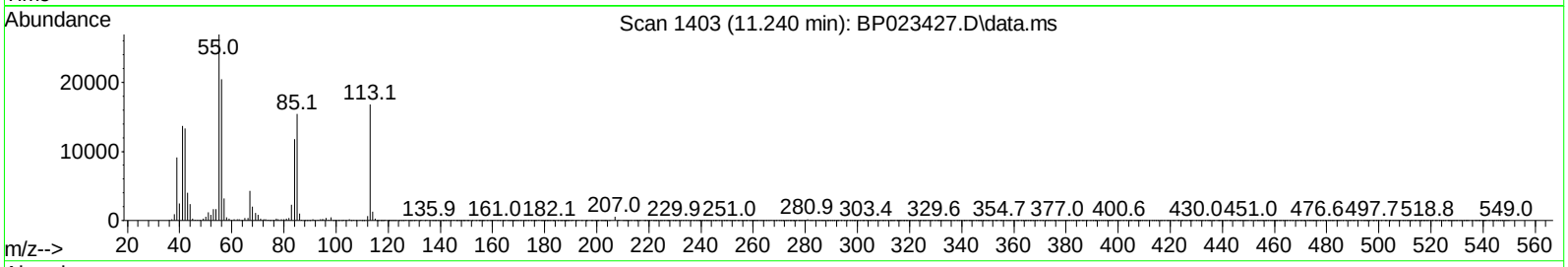

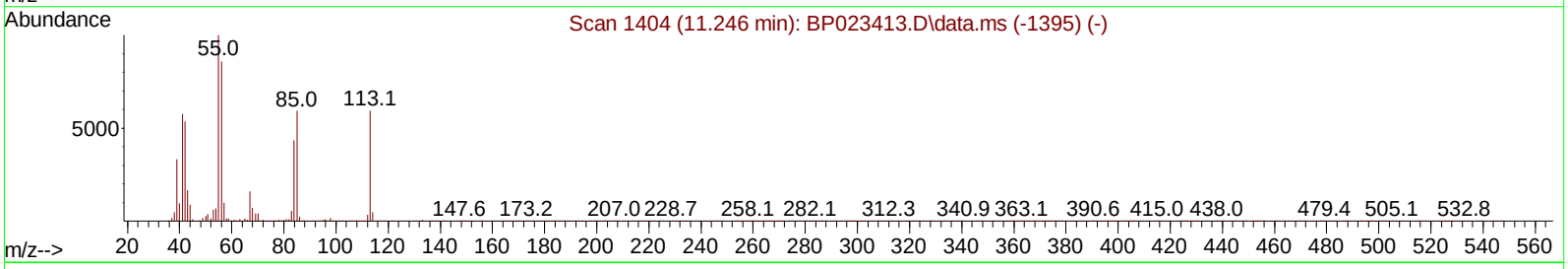

TIC: BP023427.D\data.ms

(34) Caprolactam

11.240min (-0.018) 21.42 ng/ul m

response 45903

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	160.10
56.00	125.90	121.49
0.00	0.00	0.00

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Misc :
ALS Vial : 17 Sample Multiplier: 1

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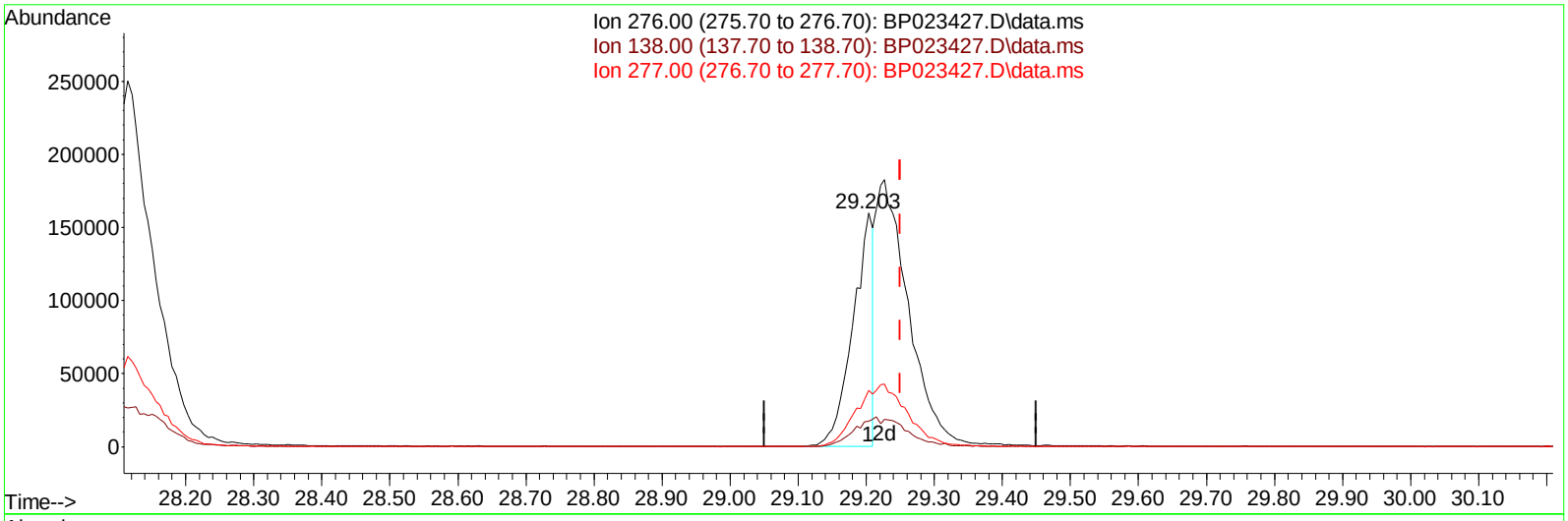

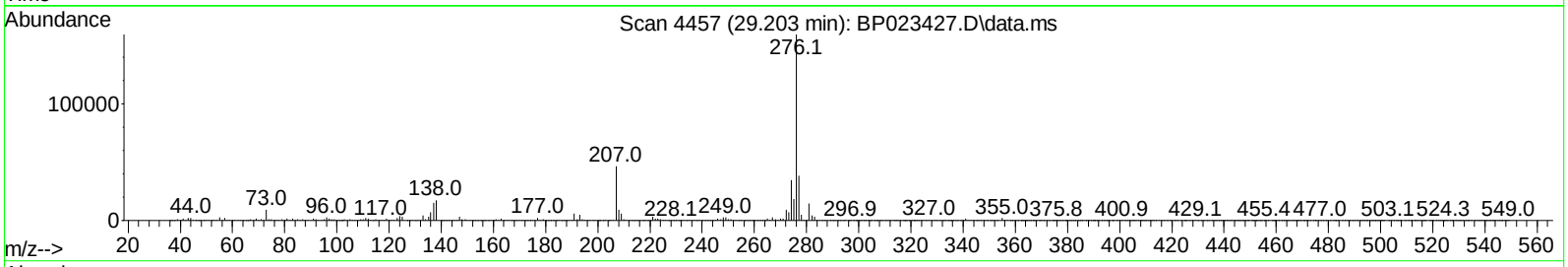

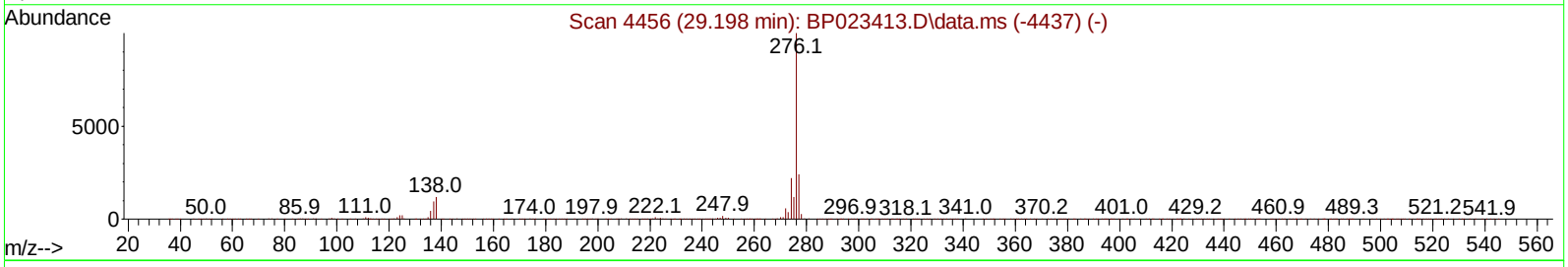

TIC: BP023427.D\data.ms

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

29.203min (-0.047) 7.23 ng/ul

response 332113

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	10.94
277.00	23.60	24.12
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_P
LabSampleId :
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Manual IntegrationsAPPROVED

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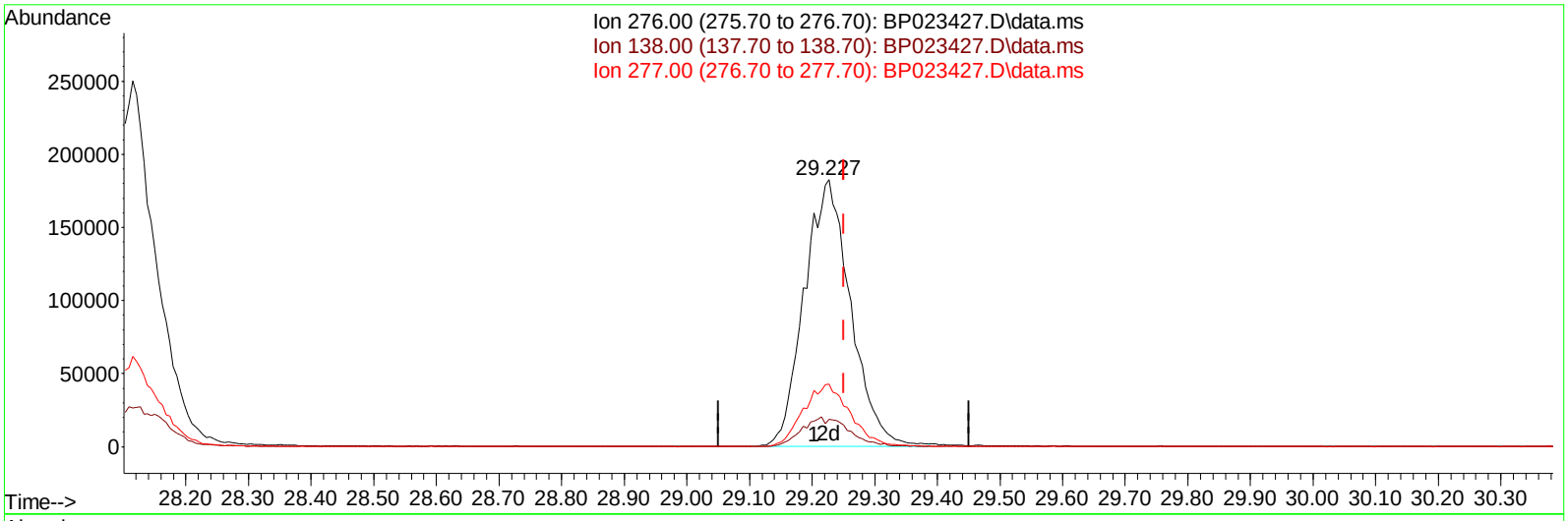

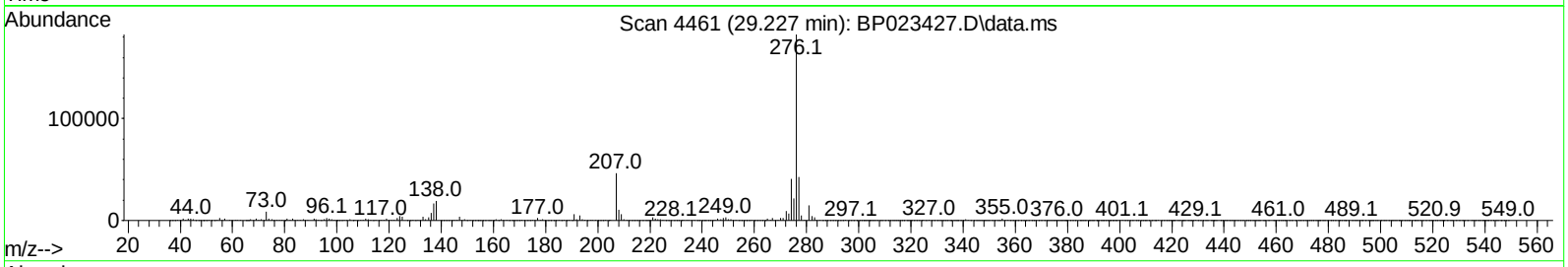

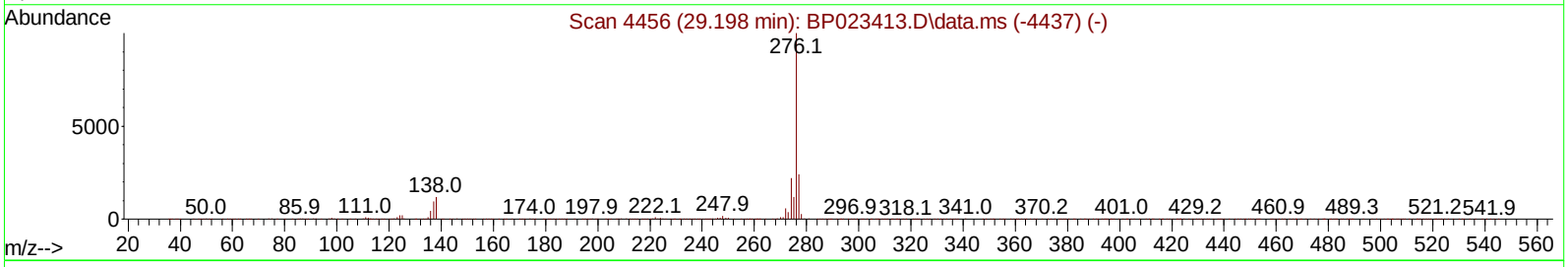

TIC: BP023427.D\data.ms

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

29.227min (-0.024) 20.42 ng/ul m

response 938139

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	10.38
277.00	23.60	23.40
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 13 22:54:42 2024
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/14/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	103685	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	408026	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.139	164	299673	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.951	188	708995	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	724055	20.000	ng/ul	-0.01
88) Perylene-d12	24.539	264	819746	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	20368	7.232	ng/uL	0.00
4) Pyridine-d5	3.511	84	137656	19.008	ng/ul	0.00
7) Phenol-d5	6.746	99	166426	20.457	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.887	67	107628	20.969	ng/ul	0.00
11) 2-Chlorophenol-d4	7.087	132	126430	21.056	ng/ul	0.00
15) 4-Methylphenol-d8	8.251	113	133952	20.401	ng/ul	0.00
21) Nitrobenzene-d5	8.675	128	62677	20.571	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.387	143	70517	20.081	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.928	165	154285	20.817	ng/ul	0.00
31) 4-Chloroaniline-d4	10.434	131	171114	20.610	ng/ul	0.00
46) Dimethylphthalate-d6	13.557	166	444599	19.111	ng/ul	0.00
49) Acenaphthylene-d8	13.834	160	503933	20.537	ng/ul	0.00
54) 4-Nitrophenol-d4	14.422	143	49665	17.421	ng/ul	0.01
60) Fluorene-d10	15.157	176	399610	19.529	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.322	200	42575	9.936	ng/ul	0.01
73) Anthracene-d10	17.051	188	671849	20.763	ng/ul	0.00
81) Pyrene-d10	19.433	212	835211	22.079	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.327	264	886495	20.201	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.134	88	22144	7.106	ng/uL	94
5) Pyridine	3.528	79	141466	19.124	ng/ul	99
6) Benzaldehyde	6.710	77	113899	24.490	ng/ul	97
8) Phenol	6.775	94	175110	20.675	ng/ul	94
10) Bis(2-Chloroethyl)ether	6.975	93	142249	21.277	ng/ul	98
12) 2-Chlorophenol	7.116	128	130370	20.711	ng/ul	99
13) 2-Methylphenol	7.993	108	132657	21.120	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.040	45	174191	21.425	ng/ul	98
16) Acetophenone	8.346	105	223233	20.200	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.328	70	120461	20.005	ng/ul	96
18) 4-Methylphenol	8.316	108	140401	20.710	ng/ul	99
19) Hexachloroethane	8.575	117	60874	19.862	ng/ul	89
22) Nitrobenzene	8.722	77	187025	20.173	ng/ul	98
23) Isophorone	9.234	82	332224	20.232	ng/ul	99
25) 2-Nitrophenol	9.416	139	73325	19.548	ng/ul	92
26) 2,4-Dimethylphenol	9.487	107	167552	20.172	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.704	93	189475	20.423	ng/ul	98
29) 2,4-Dichlorophenol	9.957	162	150241	20.454	ng/ul	99
30) Naphthalene	10.322	128	425714	19.930	ng/ul	98
32) 4-Chloroaniline	10.451	127	168444	20.923	ng/ul	99
33) Hexachlorobutadiene	10.593	225	128964	19.793	ng/ul	97
34) Caprolactam	11.240	113	45903m	21.418	ng/ul	
35) 4-Chloro-3-methylphenol	11.604	107	162554	20.381	ng/ul	94

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.940	142	311750	19.681	ng/ul	95
37) 1-Methylnaphthalene	12.163	142	320592	19.861	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.316	216	223087	20.400	ng/ul	95
40) Hexachlorocyclopentadiene	12.281	237	49679	9.455	ng/ul	98
41) 2,4,6-Trichlorophenol	12.569	196	144406	22.314	ng/ul	98
42) 2,4,5-Trichlorophenol	12.663	196	151290	21.880	ng/ul	99
43) 1,1'-Biphenyl	12.957	154	431064	20.301	ng/ul	98
44) 2-Chloronaphthalene	13.004	162	349483	20.349	ng/ul	98
45) 2-Nitroaniline	13.239	65	108298	21.764	ng/ul	95
47) Dimethylphthalate	13.598	163	444455	19.395	ng/ul	99
48) 2,6-Dinitrotoluene	13.734	165	90141	20.529	ng/ul	96
50) Acenaphthylene	13.863	152	502171	20.096	ng/ul	99
51) 3-Nitroaniline	14.081	138	80956	21.998	ng/ul	99
52) Acenaphthene	14.210	153	359692	19.693	ng/ul	98
53) 2,4-Dinitrophenol	14.322	184	19240	6.795	ng/ul	96
55) 4-Nitrophenol	14.439	109	77947	20.295	ng/ul	98
56) Dibenzofuran	14.557	168	545591	19.669	ng/ul	100
57) 2,4-Dinitrotoluene	14.557	165	135435	19.141	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.792	232	136495	19.884	ng/ul#	100
59) Diethylphthalate	14.986	149	442959	19.382	ng/ul	99
61) Fluorene	15.216	166	440193	19.490	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.210	204	247066	18.860	ng/ul	98
63) 4-Nitroaniline	15.275	138	78483	24.247	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.333	198	47100	10.362	ng/ul#	89
67) N-Nitrosodiphenylamine	15.428	169	375609	20.746	ng/ul	98
68) 4-Bromophenyl-phenylether	16.116	248	169752	20.282	ng/ul	97
69) Hexachlorobenzene	16.239	284	198309	19.340	ng/ul	98
70) Atrazine	16.410	200	166614	21.148	ng/ul	99
71) Pentachlorophenol	16.610	266	119767	20.011	ng/ul	97
72) Phenanthrene	16.992	178	729078	19.891	ng/ul	100
74) Anthracene	17.086	178	753938	20.571	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.922	216	221407	21.664	ng/uL	97
76) Pentachlorobenzene	14.469	250	228801	20.311	ng/uL	99
77) Carbazole	17.386	167	639405	21.414	ng/ul	100
78) Di-n-butylphthalate	17.951	149	737807	20.110	ng/ul	99
80) Fluoranthene	19.092	202	943364	21.763	ng/ul	99
82) Pyrene	19.463	202	1018127	22.134	ng/ul	98
83) Butylbenzylphthalate	20.416	149	371179	23.299	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.280	252	325622	19.599	ng/ul#	98
85) Benzo(a)anthracene	21.357	228	1022951	21.069	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	526744	23.024	ng/ul	99
87) Chrysene	21.416	228	977280	21.004	ng/ul	99
89) Di-n-octyl phthalate	22.474	149	868970	21.705	ng/ul	100
90) Benzo(b)fluoranthene	23.545	252	1044368	20.278	ng/ul	99
91) Benzo(k)fluoranthene	23.610	252	994252	19.402	ng/ul	99
93) Benzo(a)pyrene	24.392	252	930857	19.934	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.115	276	1217745	20.292	ng/ul	99
95) Dibenzo(a,h)anthracene	28.162	278	979265	20.390	ng/ul#	98
96) Benzo(g,h,i)perylene	29.227	276	938139m	20.418	ng/ul	

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

Instrument :
BNA_P
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