

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083024\
 Data File : BP021769.D
 Acq On : 31 Aug 2024 03:11
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020752

Quant Time: Aug 31 03:48:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 29 23:56:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/02/2024
 Supervised By :mohammad ahmed 09/03/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	287003	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	1119563	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.434	164	697917	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	1503947	20.000	ng/u1	0.01
79) Chrysene-d12	21.692	240	1500207	20.000	ng/u1	0.02
88) Perylene-d12	25.086	264	1754657	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	72813	8.423	ng/uL	0.00
4) Pyridine-d5	3.687	84	514772	20.587	ng/u1	0.00
7) Phenol-d5	6.958	99	583512	19.051	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	320865	19.250	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	390272	19.736	ng/u1	0.00
15) 4-Methylphenol-d8	8.487	113	439276	18.560	ng/u1	0.00
21) Nitrobenzene-d5	8.928	128	186266	20.679	ng/u1	0.00
24) 2-Nitrophenol-d4	9.652	143	186543	20.403	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.187	165	358928	19.921	ng/u1	0.00
31) 4-Chloroaniline-d4	10.693	131	510448	19.473	ng/u1	0.00
46) Dimethylphthalate-d6	13.828	166	1036284	19.405	ng/u1	-0.01
49) Acenaphthylene-d8	14.122	160	1205045	20.098	ng/u1	0.00
54) 4-Nitrophenol-d4	14.634	143	199887	19.674	ng/u1	0.00
60) Fluorene-d10	15.445	176	905450	20.167	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	147948	17.886	ng/u1	0.00
73) Anthracene-d10	17.339	188	1402671	19.652	ng/u1	0.00
81) Pyrene-d10	19.704	212	1721467	20.074	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.868	264	1863341	19.915	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	76952	8.376	ng/uL	97
5) Pyridine	3.705	79	508787	20.363	ng/u1	99
6) Benzaldehyde	6.928	77	370625	23.657	ng/u1	99
8) Phenol	6.981	94	615428	19.270	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.205	93	475746	19.164	ng/u1	98
12) 2-Chlorophenol	7.352	128	419089	20.192	ng/u1	99
13) 2-Methylphenol	8.222	108	430072	18.667	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.299	45	460863	19.234	ng/u1	98
16) Acetophenone	8.599	105	718896	18.946	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.581	70	326956	18.259	ng/u1	99
18) 4-Methylphenol	8.546	108	471317	18.686	ng/u1	95
19) Hexachloroethane	8.857	117	187380	20.191	ng/u1	95
22) Nitrobenzene	8.975	77	519780	20.695	ng/u1	99
23) Isophorone	9.499	82	946558	18.781	ng/u1	99
25) 2-Nitrophenol	9.681	139	210529	20.783	ng/u1	97
26) 2,4-Dimethylphenol	9.746	107	508231	20.441	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.975	93	610666	19.320	ng/u1	98
29) 2,4-Dichlorophenol	10.216	162	363583	20.082	ng/u1	98
30) Naphthalene	10.616	128	1268447	20.103	ng/u1	99
32) 4-Chloroaniline	10.722	127	517342	19.549	ng/u1	97
33) Hexachlorobutadiene	10.910	225	247410	20.367	ng/u1	98
34) Caprolactam	11.504	113	133500	17.437	ng/u1	99
35) 4-Chloro-3-methylphenol	11.857	107	474706	19.810	ng/u1	99
36) 2-Methylnaphthalene	12.228	142	839599	19.672	ng/u1	99

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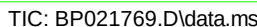
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.451	142	839878	19.565	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.604	216	455401	20.703	ng/ul	99
40) Hexachlorocyclopentadiene	12.587	237	280491	22.223	ng/ul	98
41) 2,4,6-Trichlorophenol	12.845	196	286904	20.258	ng/ul	97
42) 2,4,5-Trichlorophenol	12.922	196	314146	20.542	ng/ul	97
43) 1,1'-Biphenyl	13.245	154	1079597	20.446	ng/ul	98
44) 2-Chloronaphthalene	13.287	162	842442	20.348	ng/ul	98
45) 2-Nitroaniline	13.493	65	272692	21.025	ng/ul	95
47) Dimethylphthalate	13.881	163	1060707	19.836	ng/ul	99
48) 2,6-Dinitrotoluene	13.987	165	197944	20.072	ng/ul	97
50) Acenaphthylene	14.145	152	1312208	20.350	ng/ul	99
51) 3-Nitroaniline	14.322	138	224054	20.791	ng/ul	99
52) Acenaphthene	14.498	153	921141	20.313	ng/ul	99
53) 2,4-Dinitrophenol	14.540	184	120058	20.335	ng/ul	95
55) 4-Nitrophenol	14.645	109	192466	20.689	ng/ul	94
56) Dibenzofuran	14.834	168	1269086	20.229	ng/ul	99
57) 2,4-Dinitrotoluene	14.792	165	304595	20.554	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.069	232	261038	19.812	ng/ul	97
59) Diethylphthalate	15.269	149	1052434	19.600	ng/ul	100
61) Fluorene	15.504	166	1024528	20.190	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.492	204	509604	19.987	ng/ul	97
63) 4-Nitroaniline	15.510	138	230410	22.122	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.575	198	168187	18.177	ng/ul	96
67) N-Nitrosodiphenylamine	15.710	169	885653	20.018	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	320231	19.288	ng/ul	96
69) Hexachlorobenzene	16.528	284	374615	19.006	ng/ul	96
70) Atrazine	16.681	200	332326	19.802	ng/ul	97
71) Pentachlorophenol	16.886	266	231120	18.322	ng/ul	99
72) Phenanthrene	17.281	178	1667198	20.192	ng/ul	99
74) Anthracene	17.369	178	1689241	20.195	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.210	216	459868	20.567	ng/ul	98
76) Pentachlorobenzene	14.751	250	451665	19.489	ng/ul	98
77) Carbazole	17.651	167	1571126	20.883	ng/ul	99
78) Di-n-butylphthalate	18.251	149	1789087	19.537	ng/ul	100
80) Fluoranthene	19.357	202	1967207	19.657	ng/ul	98
82) Pyrene	19.745	202	2156342	20.345	ng/ul	100
83) Butylbenzylphthalate	20.686	149	844253	19.455	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.592	252	748422	19.796	ng/ul	99
85) Benzo(a)anthracene	21.674	228	2162015	20.260	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.616	149	1247617	19.479	ng/ul	100
87) Chrysene	21.745	228	2013043	20.044	ng/ul	100
89) Di-n-octyl phthalate	22.916	149	2096186	18.873	ng/ul	100
90) Benzo(b)fluoranthene	24.015	252	2200134	20.039	ng/ul	99
91) Benzo(k)fluoranthene	24.092	252	2186481	20.343	ng/ul	99
93) Benzo(a)pyrene	24.933	252	2059546	20.361	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.962	276	2621389m	20.100	ng/ul	
95) Dibenzo(a,h)anthracene	29.039	278	2119066	20.220	ng/ul	99
96) Benzo(g,h,i)perylene	30.150	276	2043396	20.278	ng/ul	98

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

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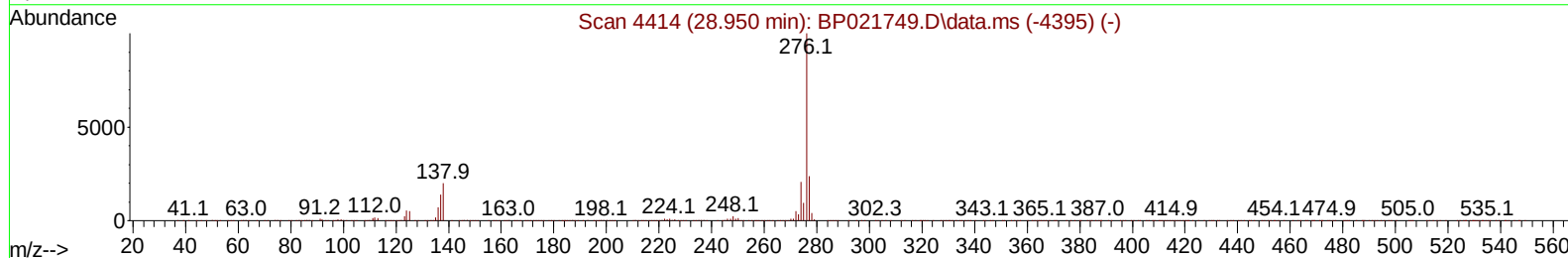
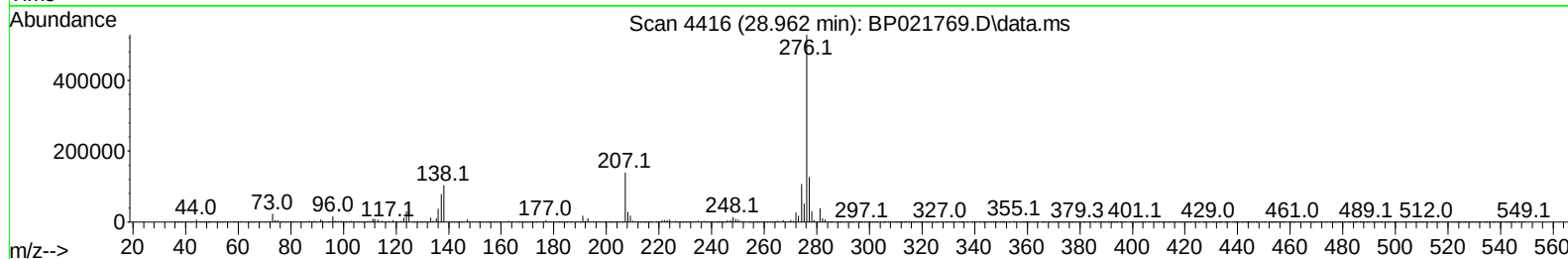
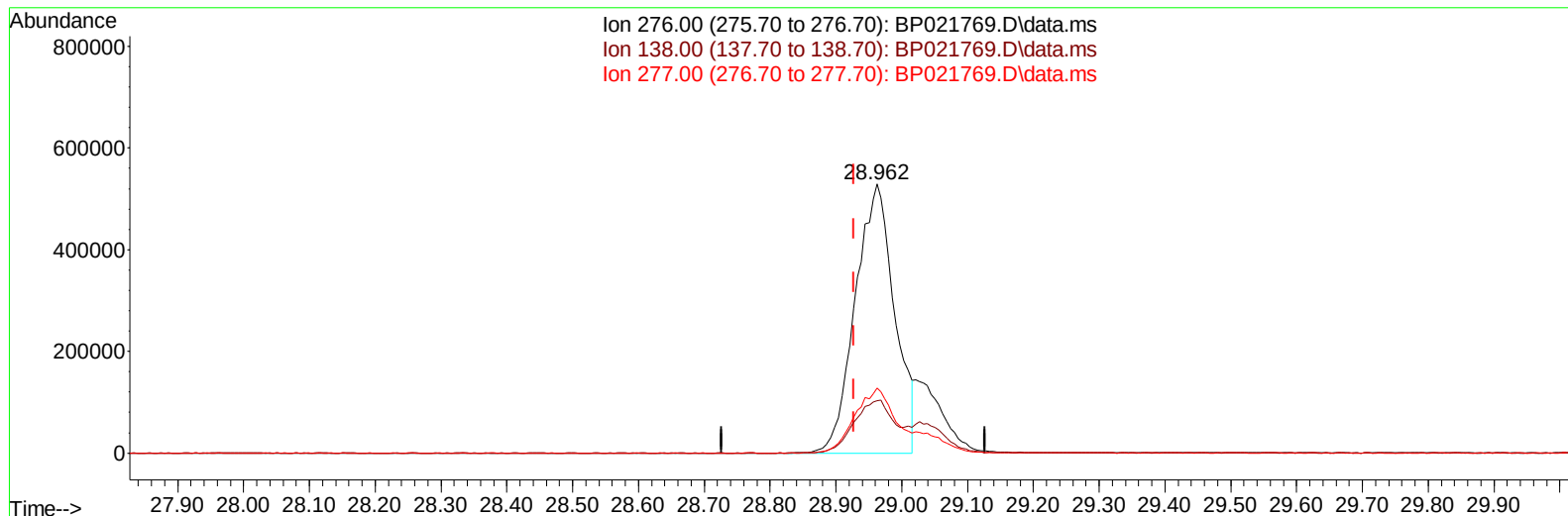
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TIC: BP021769.D\data.ms

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

28.962min (+ 0.035) 16.80 ng/ul

response 2191597

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.58
277.00	23.80	24.08
0.00	0.00	0.00

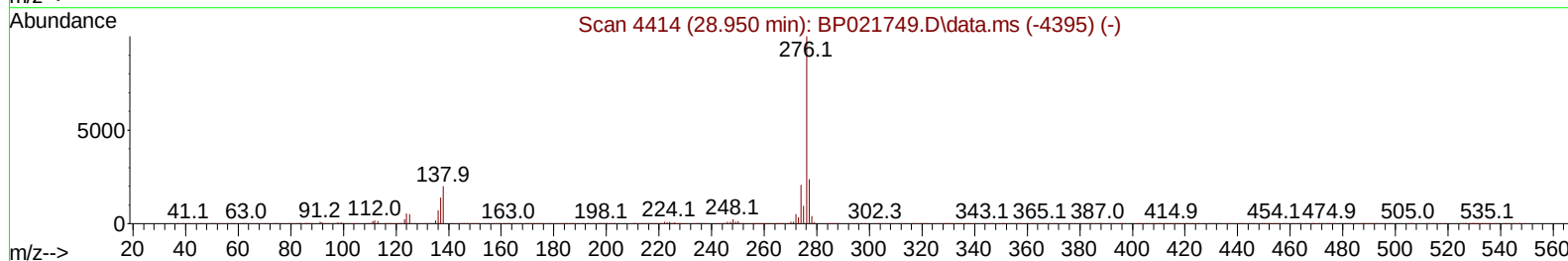
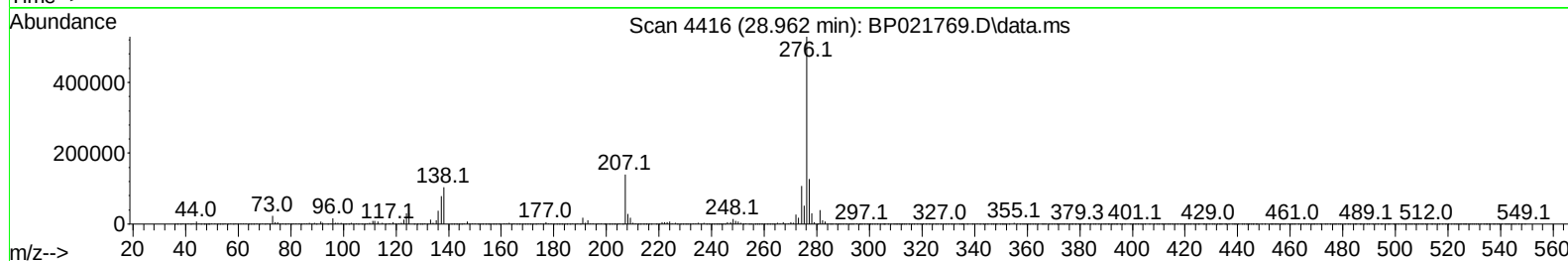
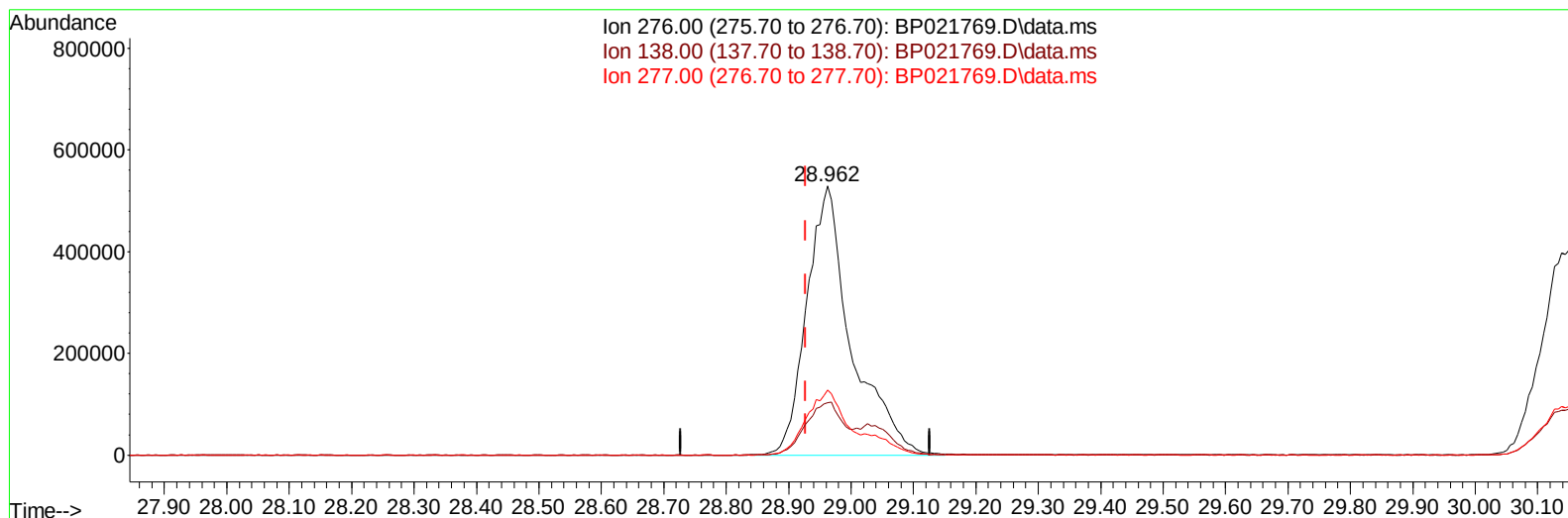
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(94) Indeno(1,2,3-cd)pyrene

28.962min (+ 0.035) 20.10 ng/ul m

response 2621389

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.58
277.00	23.80	24.08
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
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20) Naphthalene-d8	10.569	136	1119563	20.000	ng/uI	0.00
38) Acenaphthene-d10	14.434	164	697917	20.000	ng/uI	0.00
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3) 1,4-Dioxane-d8	3.275	96	72813	8.423	ng/uL	0.00
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11) 2-Chlorophenol-d4	7.322	132	390272	19.736	ng/uI	0.00
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72) Phenanthrene	17.281	178	1667198	20.192	ng/ul	99
74) Anthracene	17.369	178	1689241	20.195	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.210	216	459868	20.567	ng/uL	98
76) Pentachlorobenzene	14.751	250	451665	19.489	ng/uL	98
77) Carbazole	17.651	167	1571126	20.883	ng/ul	99
78) Di-n-butylphthalate	18.251	149	1789087	19.537	ng/ul	100
80) Fluoranthene	19.357	202	1967207	19.657	ng/ul	98
82) Pyrene	19.745	202	2156342	20.345	ng/ul	100
83) Butylbenzylphthalate	20.686	149	844253	19.455	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.592	252	748422	19.796	ng/ul	99
85) Benzo(a)anthracene	21.674	228	2162015	20.260	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.616	149	1247617	19.479	ng/ul	100
87) Chrysene	21.745	228	2013043	20.044	ng/ul	100
89) Di-n-octyl phthalate	22.916	149	2096186	18.873	ng/ul	100
90) Benzo(b)fluoranthene	24.015	252	2200134	20.039	ng/ul	99
91) Benzo(k)fluoranthene	24.092	252	2186481	20.343	ng/ul	99
93) Benzo(a)pyrene	24.933	252	2059546	20.361	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.962	276	2621389m	20.100	ng/ul	
95) Dibenzo(a,h)anthracene	29.039	278	2119066	20.220	ng/ul	99
96) Benzo(g,h,i)perylene	30.150	276	2043396	20.278	ng/ul	98

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