

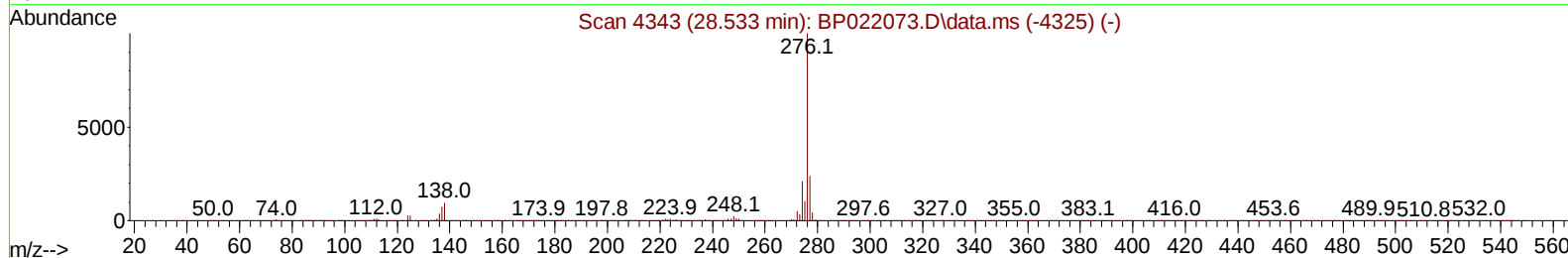
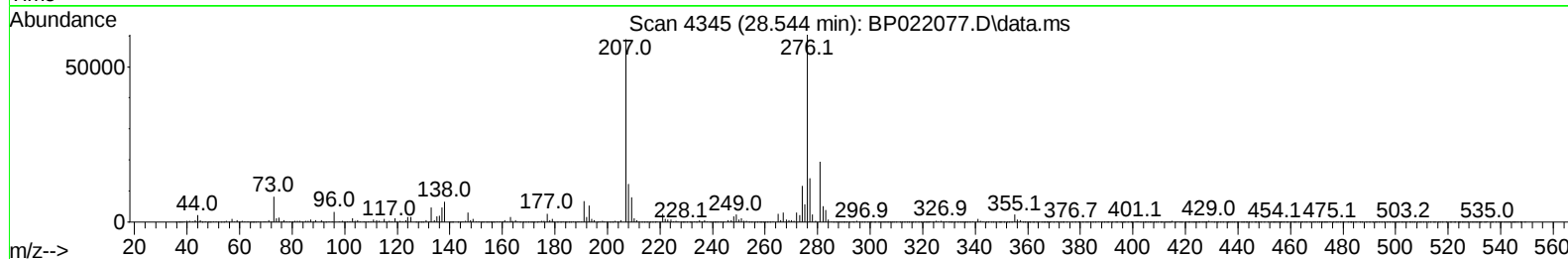
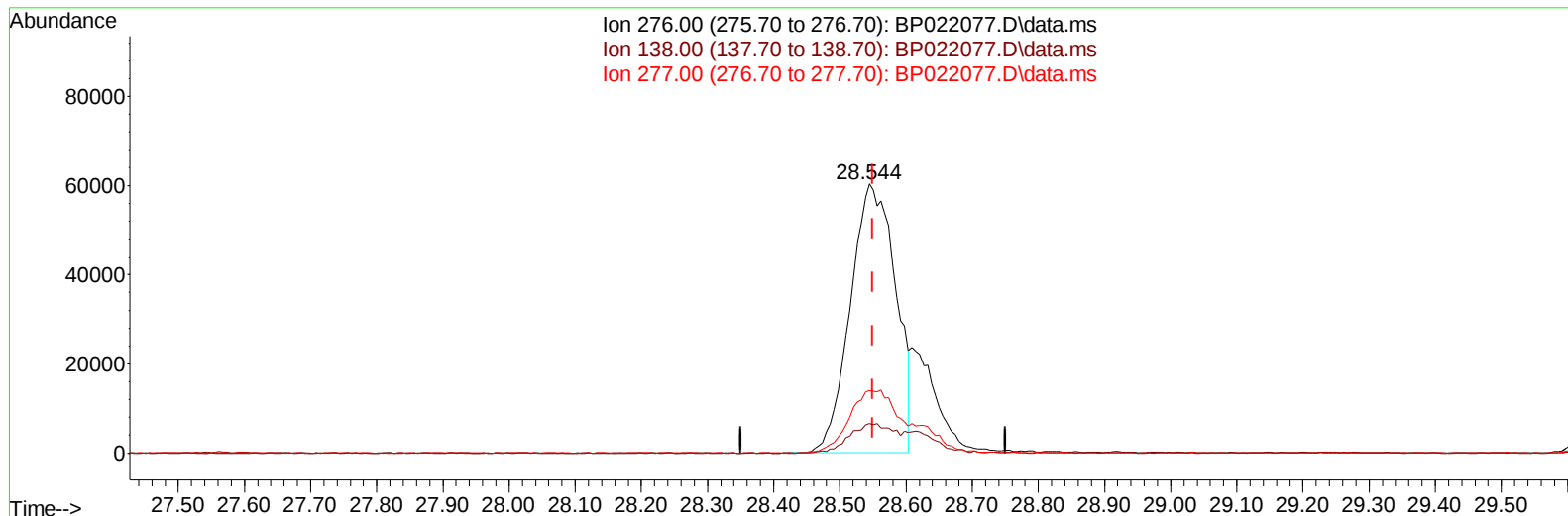
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092724\
Data File : BP022077.D
Acq On : 27 Sep 2024 13:21
Operator : RC/JU
Sample : P3391-06
Misc : SFAM-MDL-ME SOIL-02
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

Quant Time: Sep 27 13:47:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration



TIC: BP022077.D\data.ms

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

28.544min (-0.006) 3.67 ng/u1

response 285336

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.50	10.87
277.00	24.20	23.34
0.00	0.00	0.00

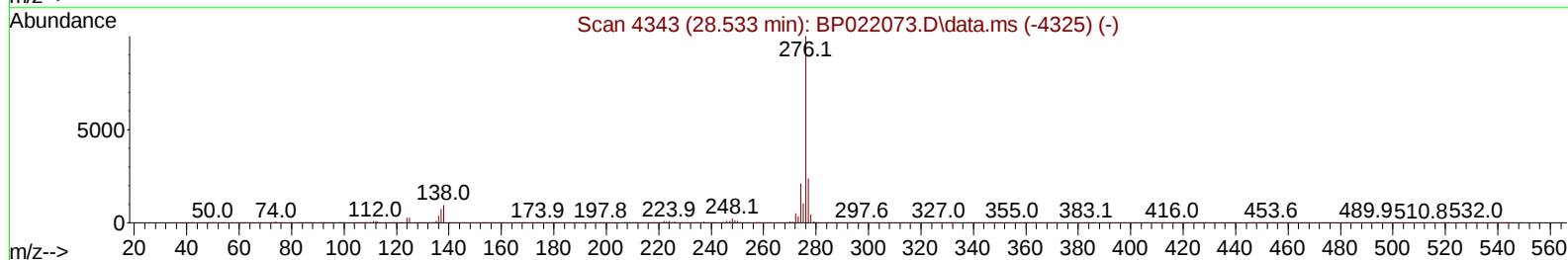
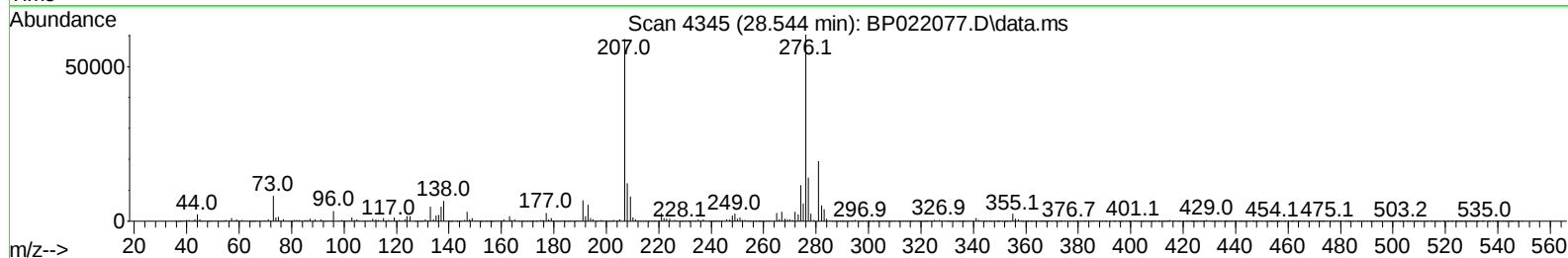
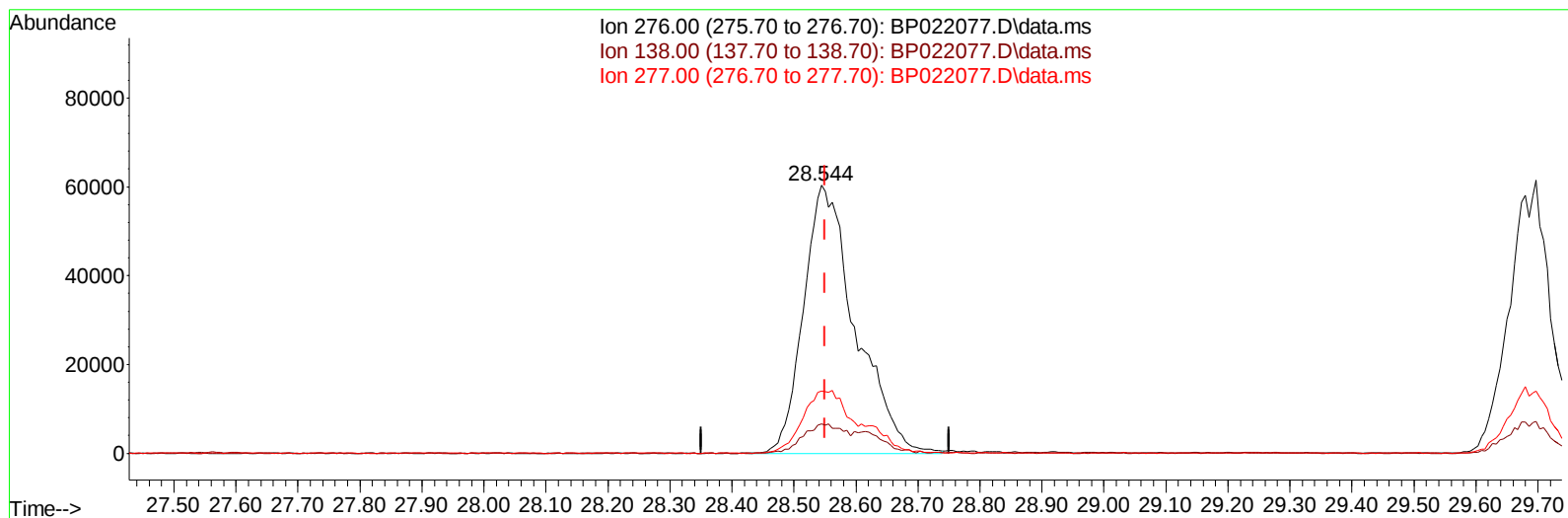
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TIC: BP022077.D\data.ms

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

28.544min (-0.006) 4.51 ng/u1 m

response 350468

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.50	10.87
277.00	24.20	23.34
0.00	0.00	0.00

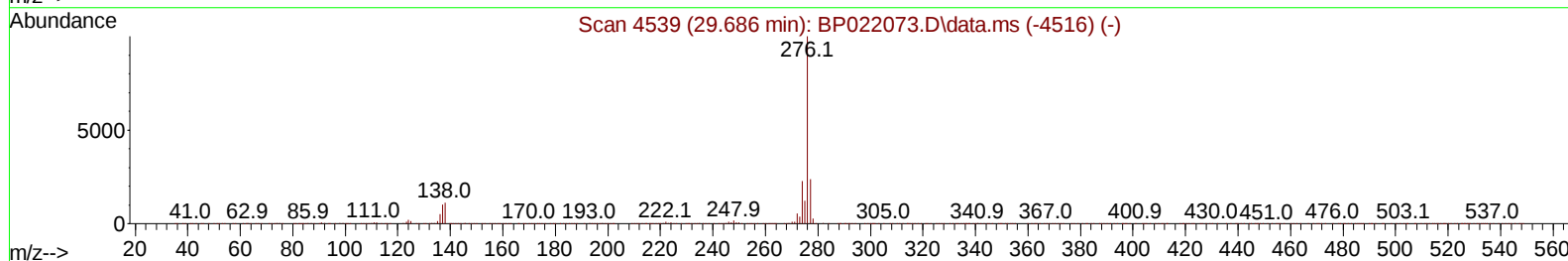
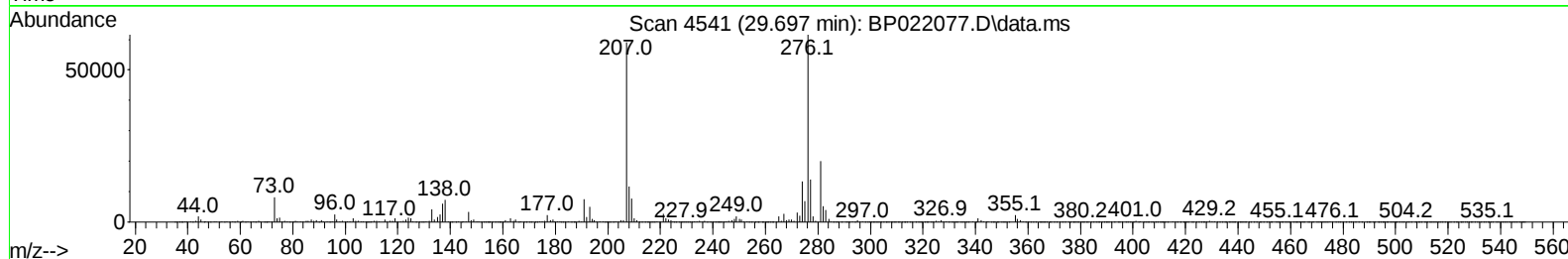
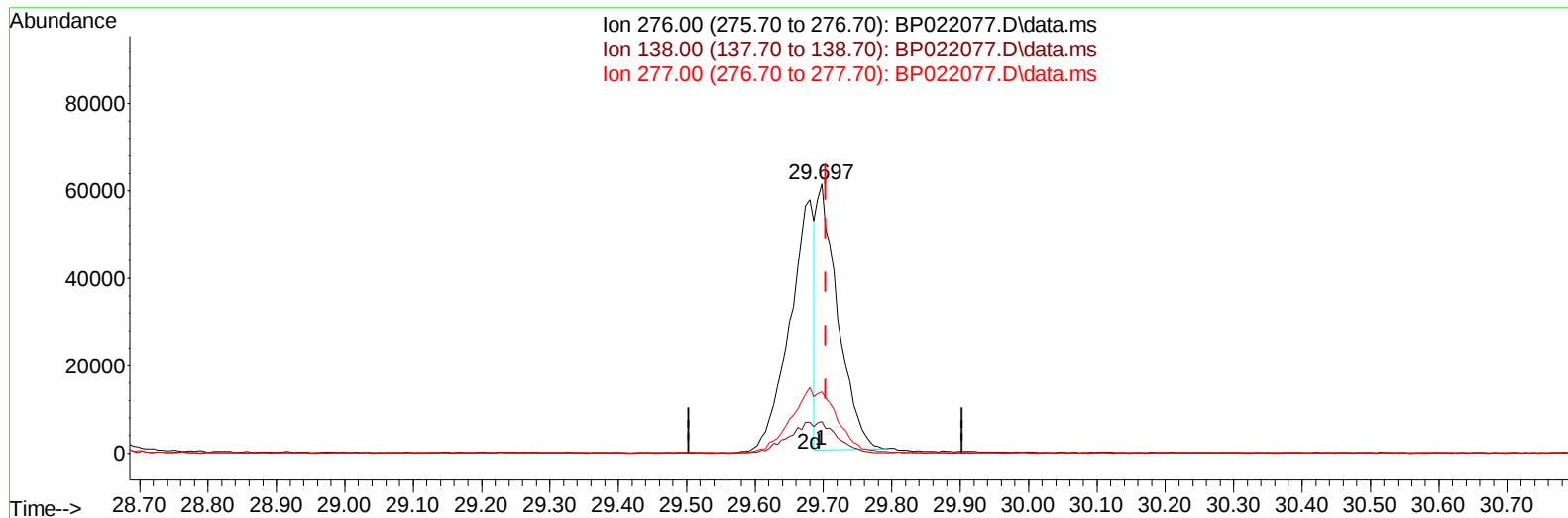
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TIC: BP022077.D\data.ms

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

29.697min (-0.006) 2.19 ng/u1

response 131954

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.30	11.77
277.00	23.90	22.77
0.00	0.00	0.00

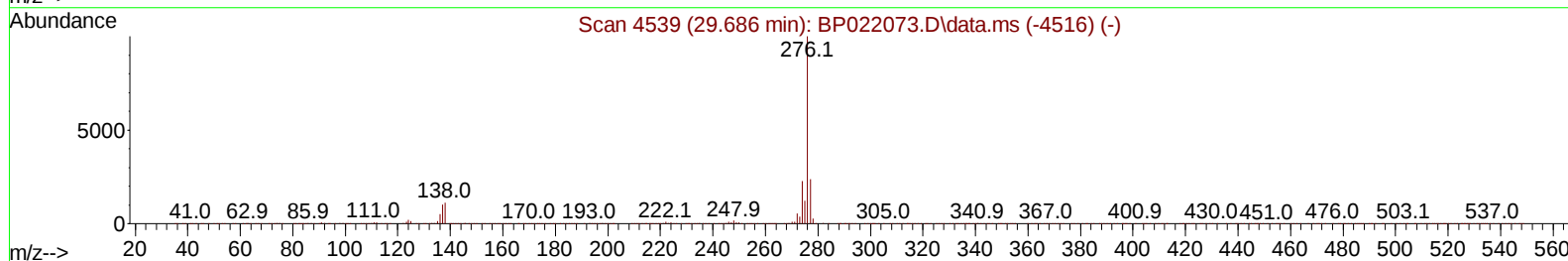
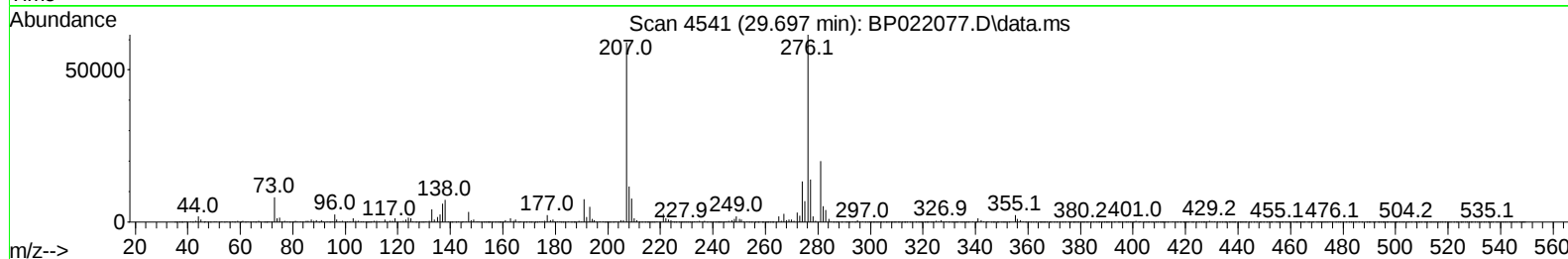
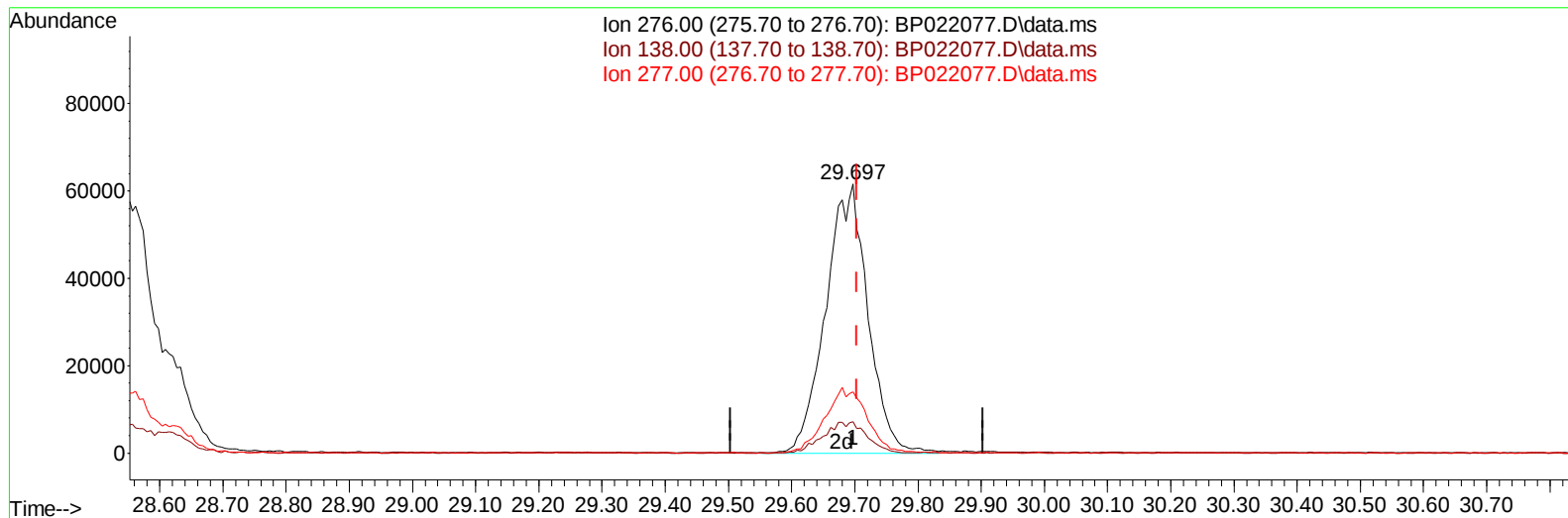
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092724\
Data File : BP022077.D
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Operator : RC/JU
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Instrument :
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Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
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TIC: BP022077.D\data.ms

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

29.697min (-0.006) 4.73 ng/u1 m

response 284838

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.30	11.77
277.00	23.90	22.77
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092724\
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 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Quant Time: Sep 27 13:49:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/01/2024
 Supervised By :mohammad ahmed 10/01/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	119586	20.000	ng/ul	-0.06
20) Naphthalene-d8	10.416	136	445814	20.000	ng/ul	-0.05
38) Acenaphthene-d10	14.292	164	331789	20.000	ng/ul	-0.03
64) Phenanthrene-d10	17.104	188	840729	20.000	ng/ul	-0.01
79) Chrysene-d12	21.545	240	960075	20.000	ng/ul	0.00
88) Perylene-d12	24.827	264	1041362	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	13301	4.357	ng/uL	-0.03
4) Pyridine-d5	3.599	84	196503	22.517	ng/ul	-0.04
7) Phenol-d5	6.834	99	220440	22.535	ng/ul	-0.06
9) Bis-(2-Chloroethyl)eth...	6.993	67	132742	22.037	ng/ul	-0.05
11) 2-Chlorophenol-d4	7.193	132	158329	22.370	ng/ul	-0.05
15) 4-Methylphenol-d8	8.351	113	154798	19.970	ng/ul	-0.05
21) Nitrobenzene-d5	8.793	128	79384	23.791	ng/ul	-0.05
24) 2-Nitrophenol-d4	9.510	143	89194	23.575	ng/ul	-0.05
28) 2,4-Dichlorophenol-d3	10.045	165	182084	22.162	ng/ul	-0.05
31) 4-Chloroaniline-d4	10.551	131	199082	20.308	ng/ul	-0.05
46) Dimethylphthalate-d6	13.692	166	578458	22.554	ng/ul	-0.03
49) Acenaphthylene-d8	13.980	160	621448	22.886	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.498	143	83165	18.957	ng/ul	-0.03
60) Fluorene-d10	15.304	176	514674	22.686	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.422	200	88821	17.017	ng/ul	-0.02
73) Anthracene-d10	17.198	188	718394	18.304	ng/ul	-0.02
81) Pyrene-d10	19.586	212	1109807	22.312	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.598	264	1263654	23.071	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	3346	1.012	ng/uL	97
5) Pyridine	3.616	79	36669	4.136	ng/ul#	62
6) Benzaldehyde	6.804	77	29160	5.270	ng/ul	98
8) Phenol	6.857	94	42683	4.181	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.081	93	33707	4.314	ng/ul	98
12) 2-Chlorophenol	7.222	128	32101	4.375	ng/ul	98
13) 2-Methylphenol	8.093	108	27753	3.748	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.169	45	31653	4.367	ng/ul	97
16) Acetophenone	8.463	105	55093	4.273	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.445	70	27550	4.122	ng/ul#	97
18) 4-Methylphenol	8.410	108	31226	3.868	ng/ul	97
19) Hexachloroethane	8.722	117	14377	4.151	ng/ul	95
22) Nitrobenzene	8.834	77	47199	4.627	ng/ul	97
23) Isophorone	9.363	82	74363	4.208	ng/ul	97
25) 2-Nitrophenol	9.540	139	18499	4.570	ng/ul	93
26) 2,4-Dimethylphenol	9.604	107	14929	1.628	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.834	93	43688	4.289	ng/ul	97
29) 2,4-Dichlorophenol	10.069	162	35512	4.350	ng/ul	93
30) Naphthalene	10.469	128	105548	4.500	ng/ul	97
32) 4-Chloroaniline	10.575	127	39148	4.032	ng/ul#	87
33) Hexachlorobutadiene	10.757	225	32750	4.519	ng/ul	96
34) Caprolactam	11.357	113	13640	5.508	ng/ul	95
35) 4-Chloro-3-methylphenol	11.710	107	33057	3.743	ng/ul	94

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 Misc : SFAM-MDL-ME SOIL-02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 MDL-MED-SOIL-QT3-2024-06

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/01/2024
 Supervised By :mohammad ahmed 10/01/2024

Quant Time: Sep 27 13:49:06 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.081	142	74032	4.247	ng/ul	97
37) 1-Methylnaphthalene	12.310	142	75763	4.309	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.457	216	55472	4.509	ng/ul	98
40) Hexachlorocyclopentadiene	12.439	237	21522	2.781	ng/ul	99
41) 2,4,6-Trichlorophenol	12.704	196	29684	4.037	ng/ul	98
42) 2,4,5-Trichlorophenol	12.775	196	32314	4.058	ng/ul	100
43) 1,1'-Biphenyl	13.104	154	107052	4.512	ng/ul	99
44) 2-Chloronaphthalene	13.145	162	87613	4.586	ng/ul	98
45) 2-Nitroaniline	13.357	65	20731	3.753	ng/ul	92
47) Dimethylphthalate	13.733	163	113828	4.419	ng/ul	99
48) 2,6-Dinitrotoluene	13.857	165	19236	3.895	ng/ul	96
50) Acenaphthylene	14.004	152	131354	4.639	ng/ul	98
51) 3-Nitroaniline	14.198	138	15796	3.513	ng/ul	100
52) Acenaphthene	14.351	153	90198	4.384	ng/ul	98
53) 2,4-Dinitrophenol	14.404	184	9742	2.899	ng/ul	98
55) 4-Nitrophenol	14.516	109	19931	4.016	ng/ul	89
56) Dibenzofuran	14.698	168	134602	4.400	ng/ul	97
57) 2,4-Dinitrotoluene	14.663	165	29821	3.918	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	14.933	232	32283	4.212	ng/ul	97
59) Diethylphthalate	15.128	149	107138	4.202	ng/ul	97
61) Fluorene	15.363	166	110214	4.332	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.357	204	63958	4.367	ng/ul	96
63) 4-Nitroaniline	15.380	138	17212	3.761	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.433	198	19939	3.509	ng/ul#	79
67) N-Nitrosodiphenylamine	15.575	169	88162	3.981	ng/ul	100
68) 4-Bromophenyl-phenylether	16.269	248	43171	4.276	ng/ul	95
69) Hexachlorobenzene	16.392	284	53655	4.377	ng/ul	99
70) Atrazine	16.545	200	40641	4.114	ng/ul	95
71) Pentachlorophenol	16.751	266	40601	4.964	ng/ul	97
72) Phenanthrene	17.145	178	192706	4.372	ng/ul	99
74) Anthracene	17.233	178	165077	3.680	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.069	216	53446	4.236	ng/uL	97
76) Pentachlorobenzene	14.622	250	61515	4.434	ng/uL	96
77) Carbazole	17.521	167	156675	3.963	ng/ul	99
78) Di-n-butylphthalate	18.121	149	173016	3.796	ng/ul	99
80) Fluoranthene	19.239	202	242373	4.263	ng/ul	99
82) Pyrene	19.616	202	262303	4.286	ng/ul	98
83) Butylbenzylphthalate	20.580	149	82293	3.859	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.439	252	71210	3.239	ng/ul	99
85) Benzo(a)anthracene	21.521	228	279664	4.227	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.462	149	118169	3.777	ng/ul	98
87) Chrysene	21.586	228	271521	4.373	ng/ul	100
89) Di-n-octyl phthalate	22.709	149	189867	3.691	ng/ul	100
90) Benzo(b)fluoranthene	23.780	252	298994	4.625	ng/ul	99
91) Benzo(k)fluoranthene	23.845	252	291020	4.517	ng/ul	99
93) Benzo(a)pyrene	24.668	252	262315	4.404	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.544	276	350468m	4.512	ng/ul	
95) Dibenzo(a,h)anthracene	28.621	278	287015	4.587	ng/ul	98
96) Benzo(g,h,i)perylene	29.697	276	284838m	4.726	ng/ul	

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

Instrument :
BNA_P
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