

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100124\
Data File : BM047752.D
Acq On : 01 Oct 2024 21:38
Operator : RC/JU
Sample : P4018-18MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DDCE2MSD

Manual IntegrationsAPPROVED

Quant Time: Oct 01 22:51:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration

Reviewed By :Yogesh

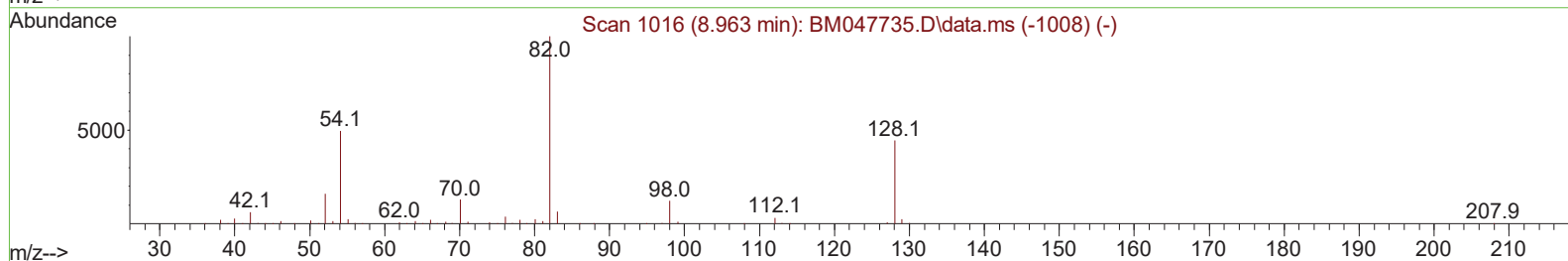
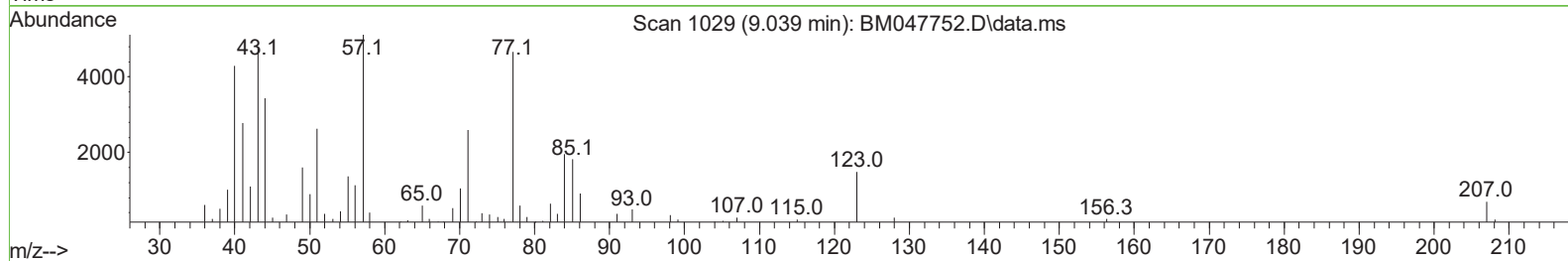
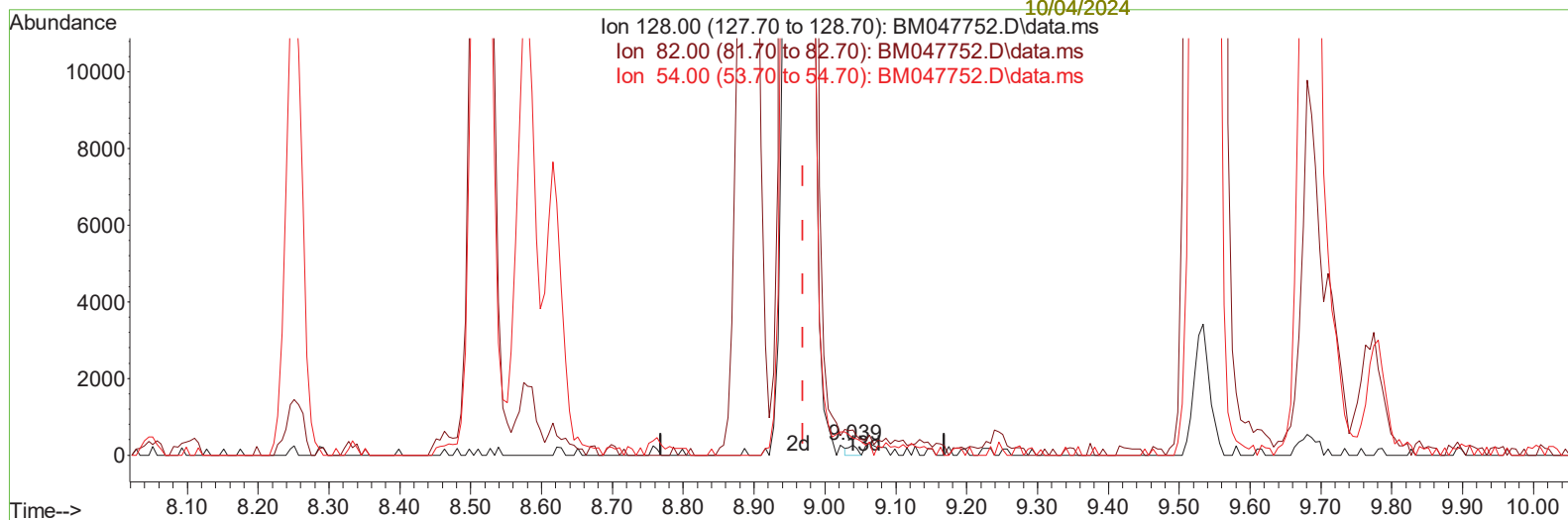
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TIC: BM047752.D\data.ms

(21) Nitrobenzene-d5 (S)

9.039min (+ 0.070) 0.02 ng/u1

response 222

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	266.90	245.66
54.00	152.80	166.79
0.00	0.00	0.00

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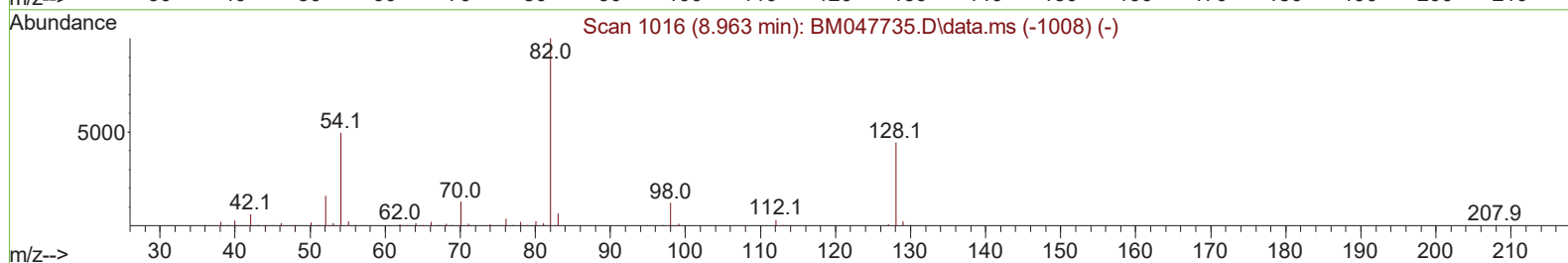
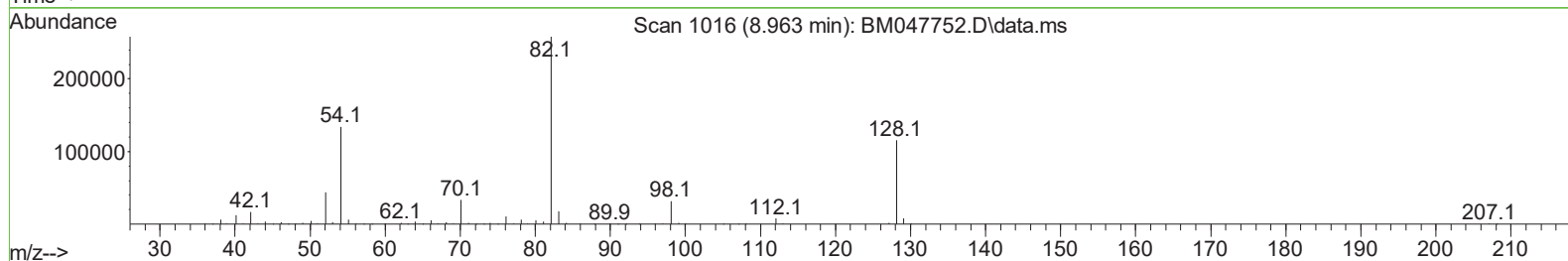
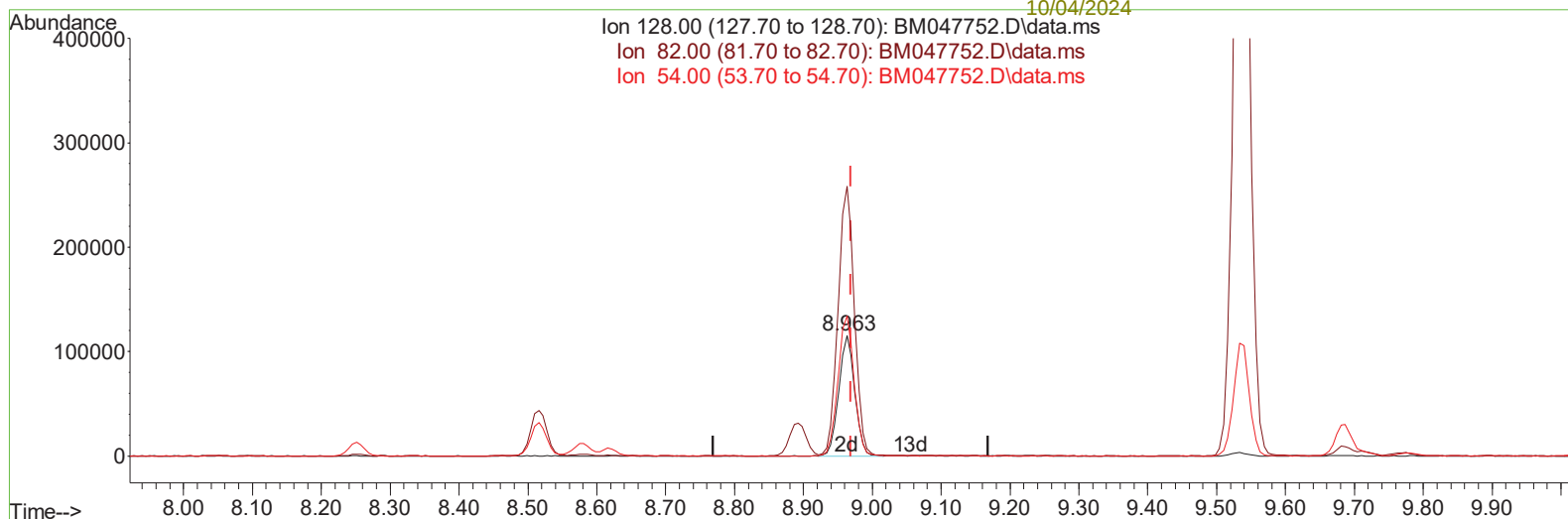
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ahmed

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Ion 128.00 (127.70 to 128.70): BM047752.D\data.ms
Ion 82.00 (81.70 to 82.70): BM047752.D\data.ms
Ion 54.00 (53.70 to 54.70): BM047752.D\data.ms



TIC: BM047752.D\data.ms

(21) Nitrobenzene-d5 (S)

8.963min (-0.006) 19.89 ng/u1 m

response 184420

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	266.90	223.43
54.00	152.80	115.96#
0.00	0.00	0.00

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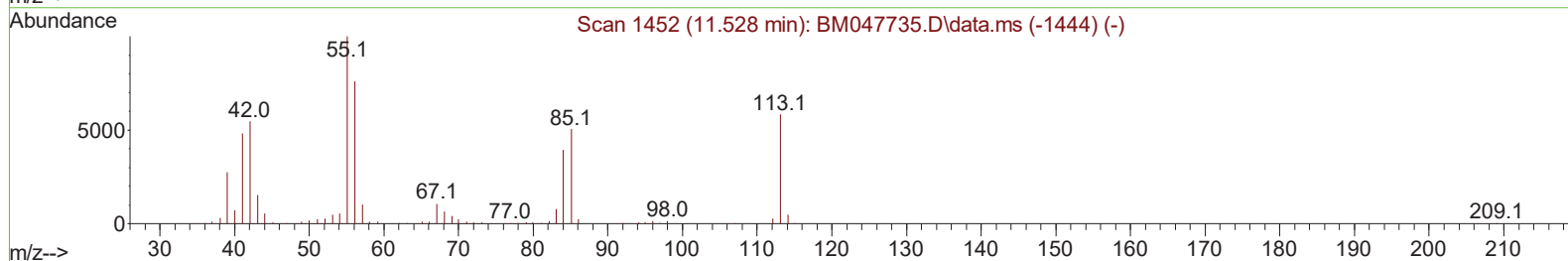
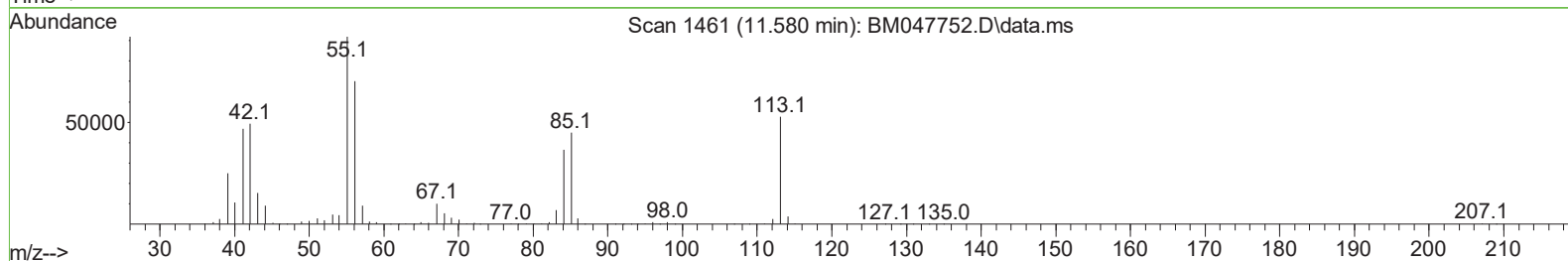
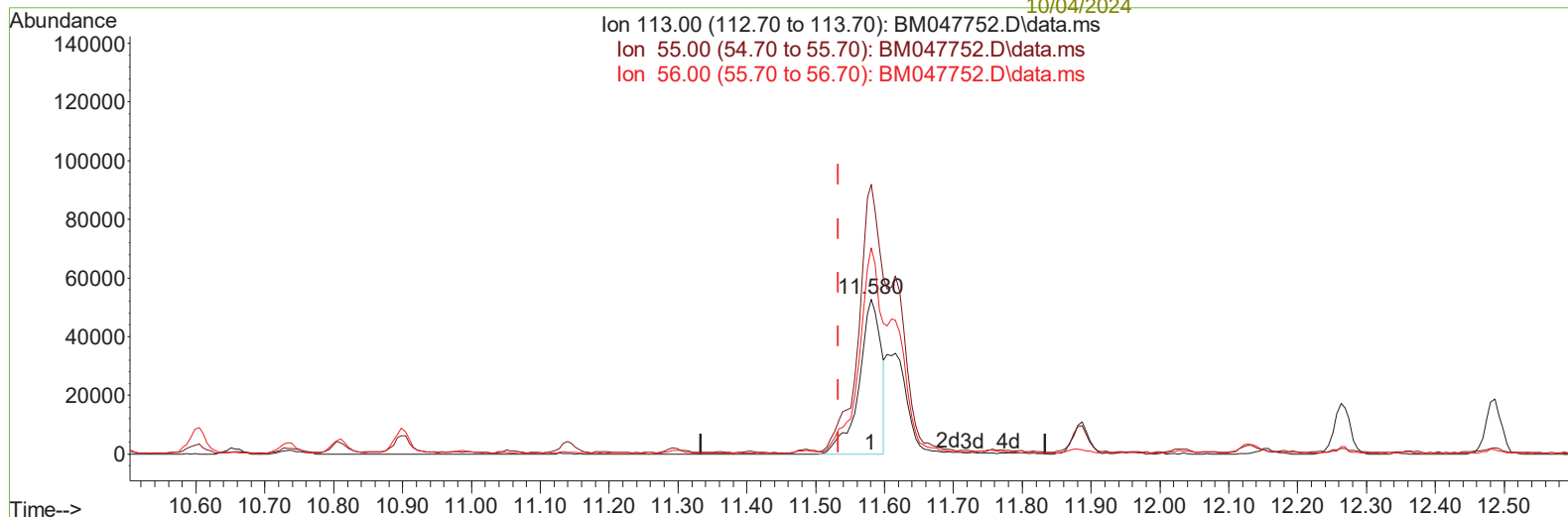
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TIC: BM047752.D\data.ms

(34) Caprolactam

11.580min (+ 0.047) 19.91 ng/ul

response 116699

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	173.84
56.00	164.10	132.92
0.00	0.00	0.00

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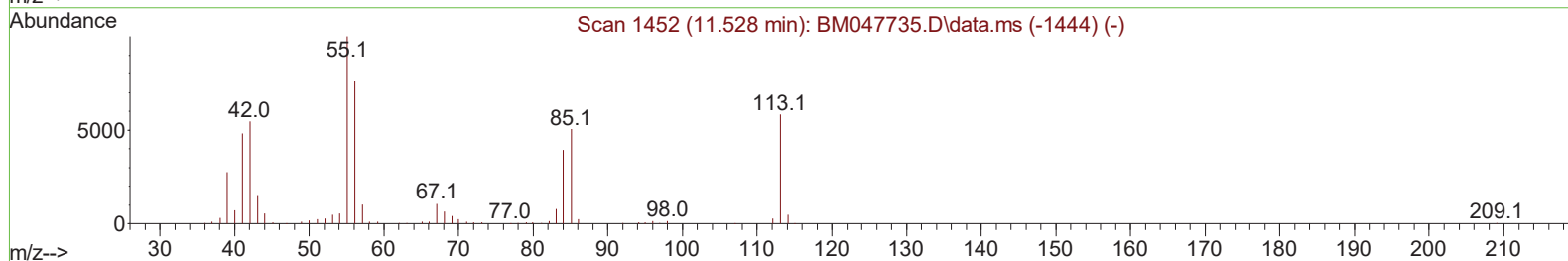
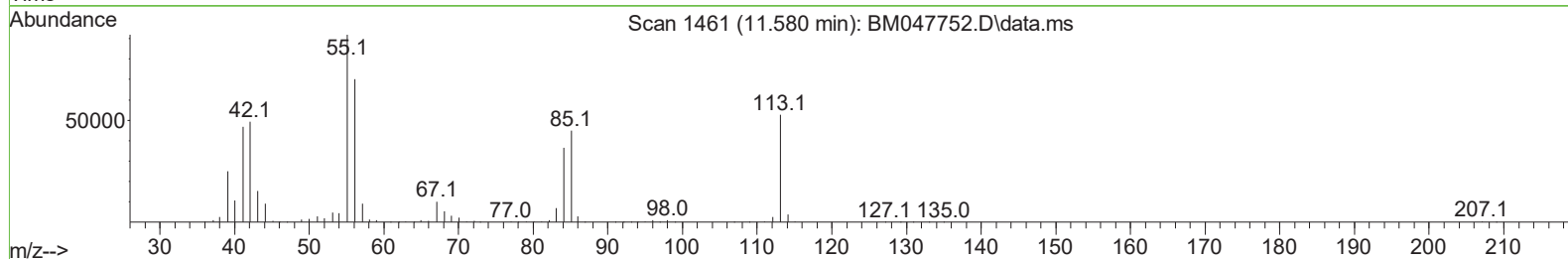
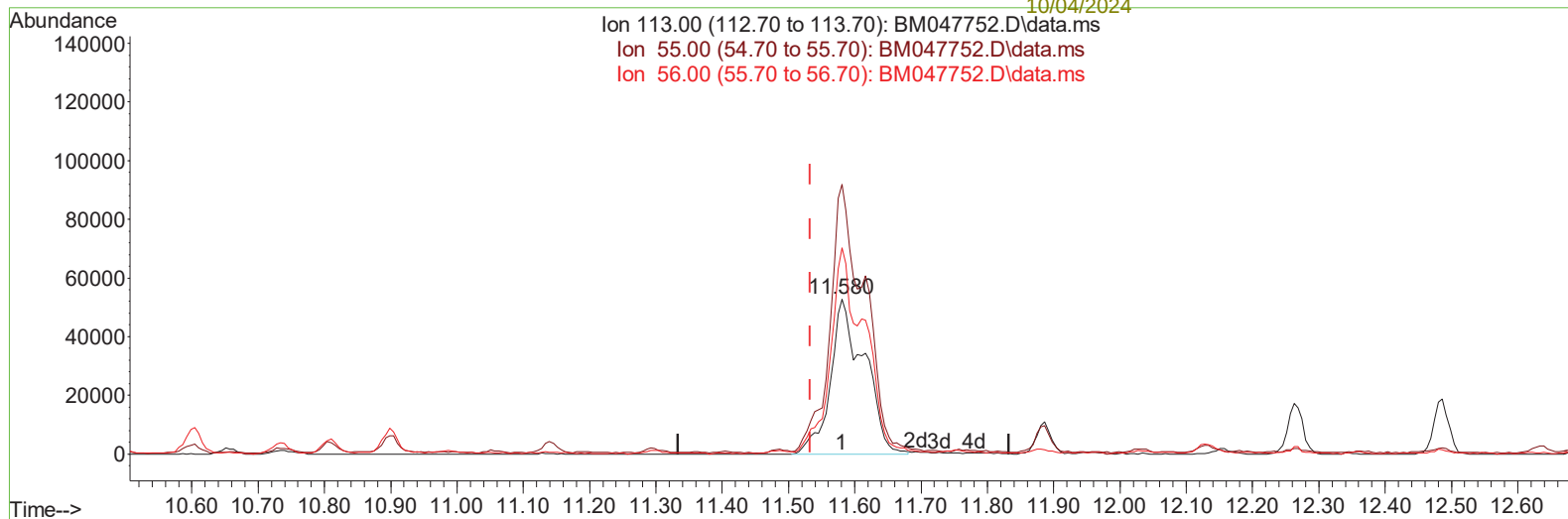
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Ion 113.00 (112.70 to 113.70): BM047752.D\data.ms
 Ion 55.00 (54.70 to 55.70): BM047752.D\data.ms
 Ion 56.00 (55.70 to 56.70): BM047752.D\data.ms



TIC: BM047752.D\data.ms

(34) Caprolactam

11.580min (+ 0.047) 32.03 ng/ul m

response 187727

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	173.84
56.00	164.10	132.92
0.00	0.00	0.00

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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

DDCE2MSD

Manual IntegrationsAPPROVED

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Quant Time: Oct 01 23:20:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	274735	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	1164432	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	716301	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1384154	20.000	ng/ul	0.00
79) Chrysene-d12	21.403	240	1313431	20.000	ng/ul	0.00
88) Perylene-d12	24.409	264	1463739	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	21911	2.577	ng/uL	0.00
4) Pyridine-d5	3.675	84	152990	6.146	ng/ul	0.00
7) Phenol-d5	6.975	99	461855	17.778	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	280324	15.206	ng/ul	0.00
11) 2-Chlorophenol-d4	7.345	132	364544	19.287	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	372150	19.267	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	184420m	19.892	ng/ul	0.00
24) 2-Nitrophenol-d4	9.686	143	192184	21.631	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	388568	21.893	ng/ul	0.00
31) 4-Chloroaniline-d4	10.733	131	516276	18.815	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	1117118	21.511	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	1302527	21.154	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	206214	19.944	ng/ul	0.00
60) Fluorene-d10	15.433	176	964431	21.440	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	173911	21.471	ng/ul	0.00
73) Anthracene-d10	17.280	188	1442162	21.189	ng/ul	0.00
81) Pyrene-d10	19.562	212	1700385	22.811	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.203	264	1712215	22.545	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	79999	8.615	ng/uL	90
5) Pyridine	3.693	79	575122	21.946	ng/ul	87
6) Benzaldehyde	6.945	77	390237	27.621	ng/ul	93
8) Phenol	7.004	94	697622	25.237	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.234	93	531539	24.132	ng/ul	91
12) 2-Chlorophenol	7.375	128	557389	27.836	ng/ul	94
13) 2-Methylphenol	8.251	108	506895	26.298	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.328	45	815168	19.660	ng/ul#	95
16) Acetophenone	8.628	105	843078	25.509	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.616	70	428731	24.492	ng/ul	90
18) 4-Methylphenol	8.581	108	576521	26.616	ng/ul	97
19) Hexachloroethane	8.892	117	229800	25.532	ng/ul	89
22) Nitrobenzene	9.004	77	623436	23.672	ng/ul	93
23) Isophorone	9.534	82	1191328	25.287	ng/ul	95
25) 2-Nitrophenol	9.716	139	302601	29.771	ng/ul	91
26) 2,4-Dimethylphenol	9.781	107	479717	22.027	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.016	93	718868	24.947	ng/ul	97
29) 2,4-Dichlorophenol	10.251	162	531846	29.020	ng/ul	99
30) Naphthalene	10.651	128	1763570	26.330	ng/ul	99
32) 4-Chloroaniline	10.757	127	646736	23.937	ng/ul	99
33) Hexachlorobutadiene	10.945	225	327503	27.047	ng/ul	98
34) Caprolactam	11.580	113	187727m	32.029	ng/ul	
35) 4-Chloro-3-methylphenol	11.886	107	549829	28.983	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.263	142	1192234	28.015	ng/ul	97
37) 1-Methylnaphthalene	12.486	142	1191785	27.525	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.633	216	625659	26.832	ng/ul	97
40) Hexachlorocyclopentadiene	12.622	237	291483	20.668	ng/ul	99
41) 2,4,6-Trichlorophenol	12.875	196	408401	30.271	ng/ul	99
42) 2,4,5-Trichlorophenol	12.945	196	440875	29.884	ng/ul	97
43) 1,1'-Biphenyl	13.274	154	1544246	26.926	ng/ul#	98
44) 2-Chloronaphthalene	13.316	162	1197312	26.994	ng/ul	97
45) 2-Nitroaniline	13.516	65	350041	24.860	ng/ul#	82
47) Dimethylphthalate	13.898	163	1442248	27.422	ng/ul	99
48) 2,6-Dinitrotoluene	14.016	165	284534	30.805	ng/ul#	84
50) Acenaphthylene	14.163	152	1875727	27.012	ng/ul	99
51) 3-Nitroaniline	14.339	138	320645	28.682	ng/ul	88
52) Acenaphthene	14.510	153	1300651	26.497	ng/ul	98
53) 2,4-Dinitrophenol	14.545	184	151845	26.605	ng/ul#	79
55) 4-Nitrophenol	14.651	109	217688	25.076	ng/ul	91
56) Dibenzofuran	14.839	168	1786656	27.040	ng/ul	98
57) 2,4-Dinitrotoluene	14.798	165	426171	30.720	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.068	232	493529	42.439	ng/ul#	95
59) Diethylphthalate	15.263	149	1439588	27.357	ng/ul	98
61) Fluorene	15.486	166	1434211	26.017	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.486	204	689634	26.475	ng/ul	97
63) 4-Nitroaniline	15.504	138	337558	31.091	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.563	198	269048	29.977	ng/ul#	85
67) N-Nitrosodiphenylamine	15.698	169	1179240	27.340	ng/ul	100
68) 4-Bromophenyl-phenylether	16.374	248	416483	29.191	ng/ul	98
69) Hexachlorobenzene	16.492	284	476610	28.705	ng/ul	94
70) Atrazine	16.645	200	378777	26.381	ng/ul	96
71) Pentachlorophenol	16.845	266	4679131	443.188	ng/ul	99
72) Phenanthrene	17.227	178	2158818	26.596	ng/ul	100
74) Anthracene	17.315	178	2173332	26.251	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	603143	26.318	ng/uL	98
76) Pentachlorobenzene	14.763	250	581839	26.010	ng/uL	98
77) Carbazole	17.580	167	2054044	27.372	ng/ul	99
78) Di-n-butylphthalate	18.145	149	2491168	29.818	ng/ul	99
80) Fluoranthene	19.233	202	2510152	28.591	ng/ul	98
82) Pyrene	19.592	202	2700583	27.637	ng/ul	97
83) Butylbenzylphthalate	20.492	149	1108394	32.085	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.309	252	654547	23.585	ng/ul	100
85) Benzo(a)anthracene	21.386	228	2565907	27.902	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.315	149	1589694	30.650	ng/ul	97
87) Chrysene	21.450	228	2415638	26.944	ng/ul	98
89) Di-n-octyl phthalate	22.444	149	2670850	28.289	ng/ul	100
90) Benzo(b)fluoranthene	23.462	252	2545940	27.891	ng/ul	99
91) Benzo(k)fluoranthene	23.521	252	2557893	27.405	ng/ul	99
93) Benzo(a)pyrene	24.274	252	2392213	27.594	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.803	276	3076323	27.690	ng/ul	98
95) Dibenzo(a,h)anthracene	27.862	278	2521510	27.695	ng/ul	98
96) Benzo(g,h,i)perylene	28.856	276	2398350	27.553	ng/ul	97

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

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