

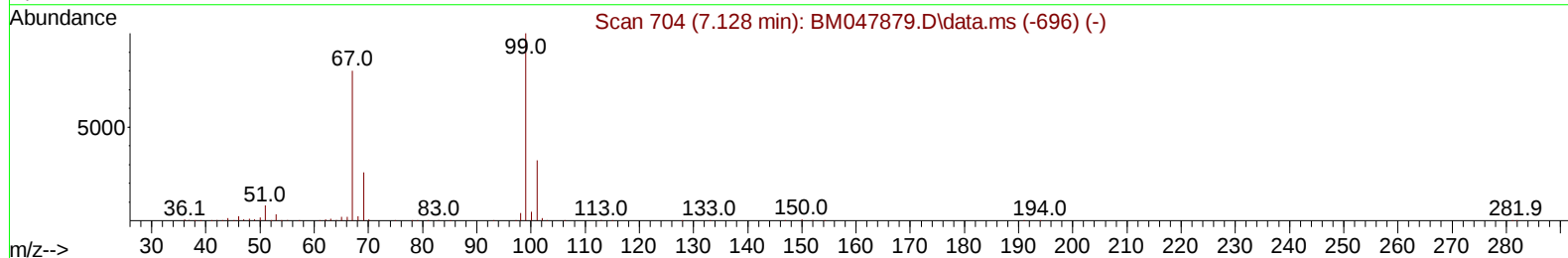
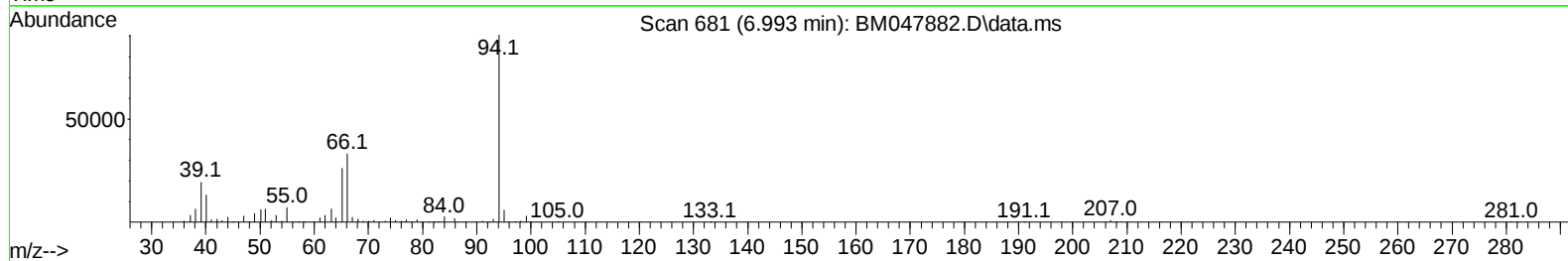
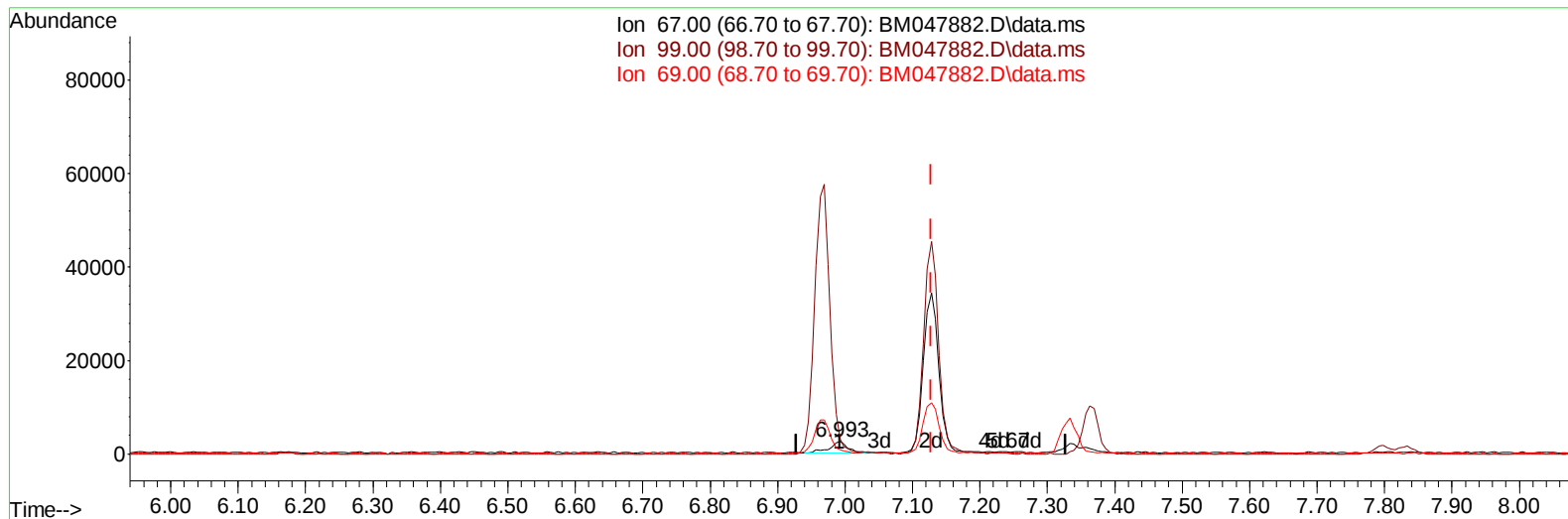
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047882.D
Acq On : 07 Oct 2024 12:06
Operator : RC/JU
Sample : P4109-13DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4E64DL

Manual IntegrationsAPPROVED

Quant Time: Oct 07 12:39:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/11/2024



TIC: BM047882.D\data.ms

(9) Bis-(2-Chloroethyl)ether-d8 (S)

6.993min (-0.135) 0.31 ng/u1

response 4764

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	106.00	122.53
69.00	32.00	31.65
0.00	0.00	0.00

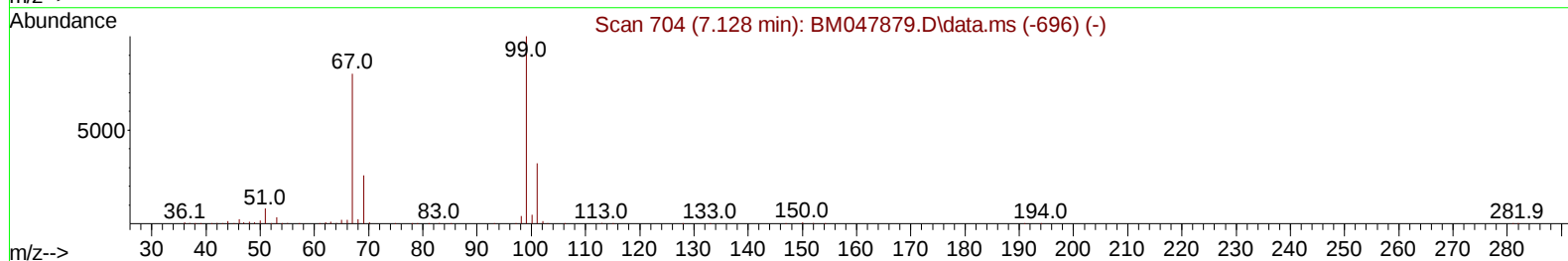
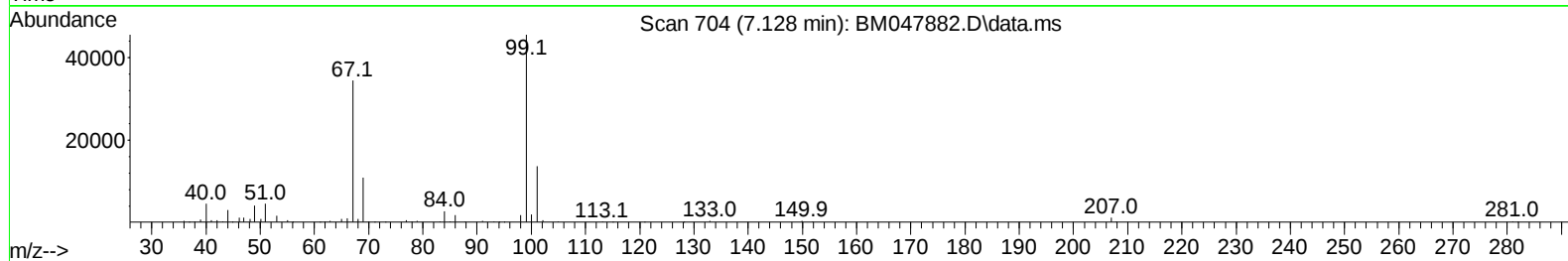
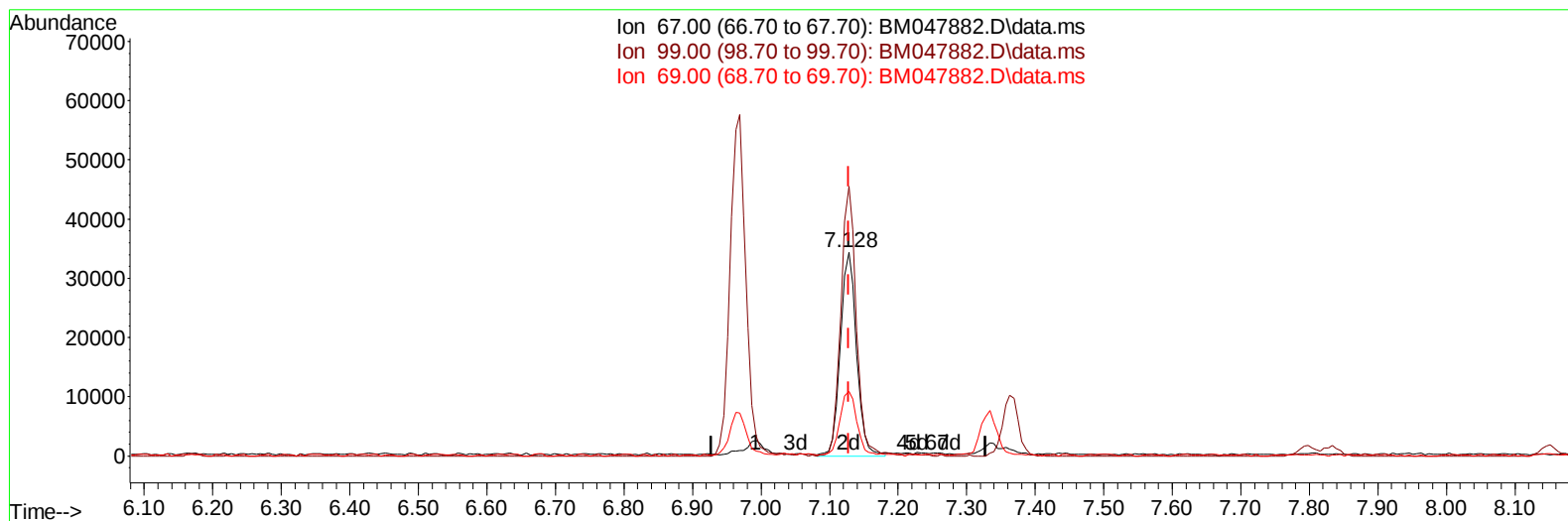
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TIC: BM047882.D\data.ms

(9) Bis-(2-Chloroethyl)ether-d8 (S)

7.128min (+ 0.000) 3.62 ng/ul m

response 56172

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	106.00	132.19#
69.00	32.00	31.64
0.00	0.00	0.00

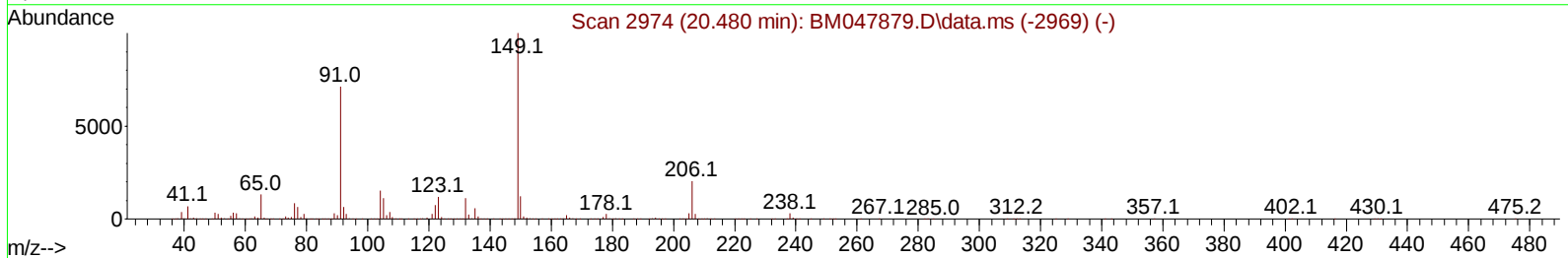
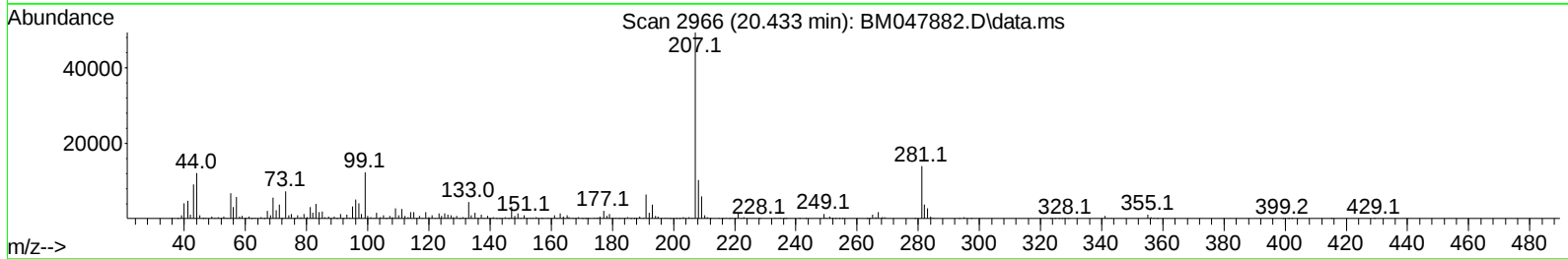
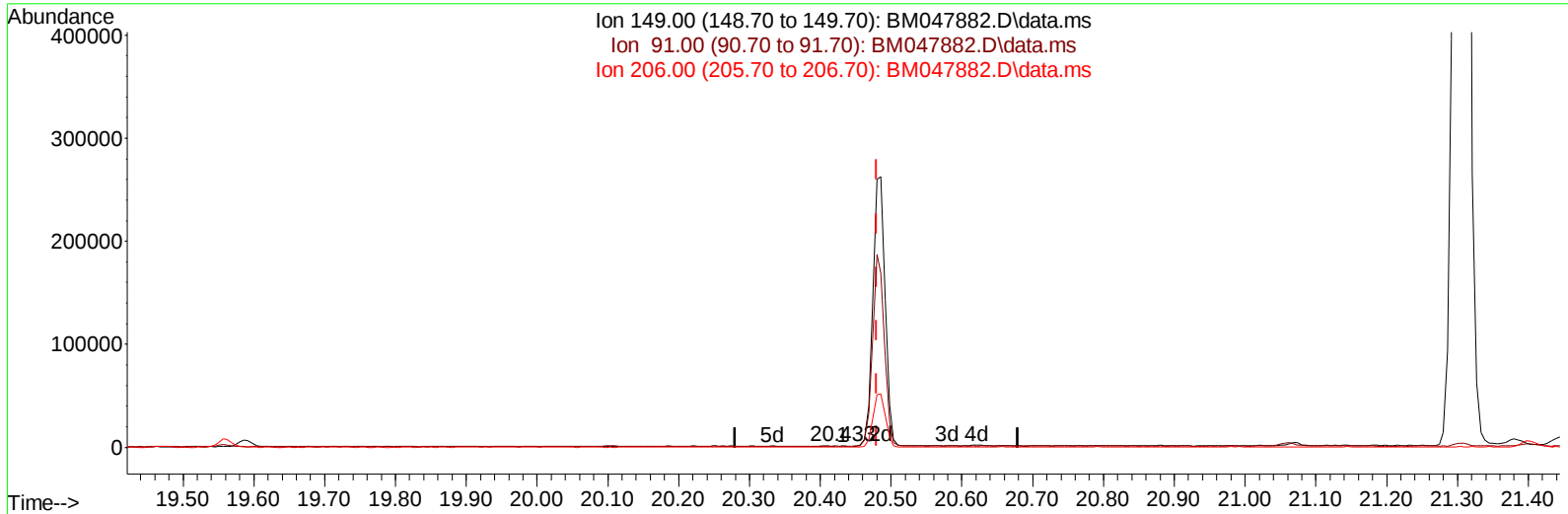
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Instrument :
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TIC: BM047882.D\data.ms

(83) Butylbenzylphthalate

20.433min (-0.047) 0.02 ng/u1

response 475

Ion	Exp%	Act%
149.00	100.00	100.00
91.00	83.60	83.83
206.00	18.00	18.43
0.00	0.00	0.00

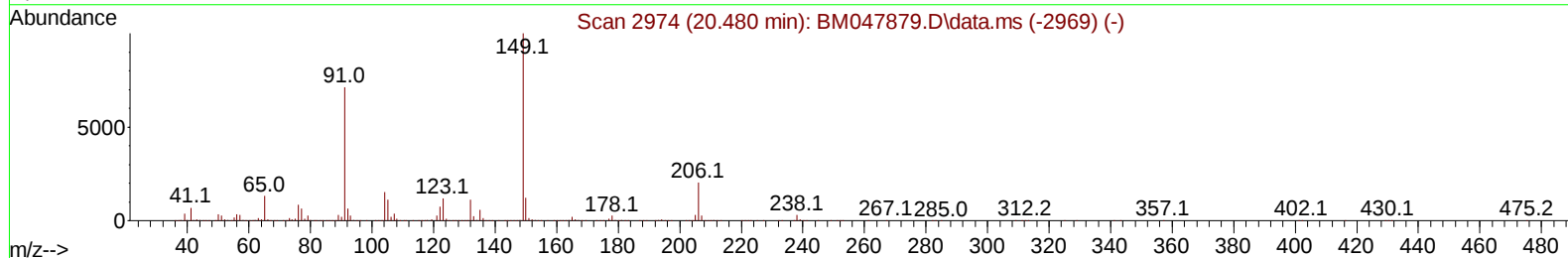
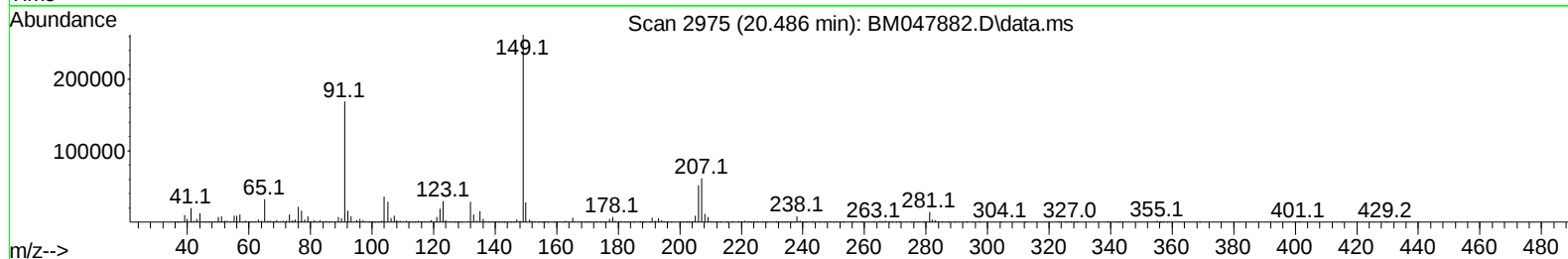
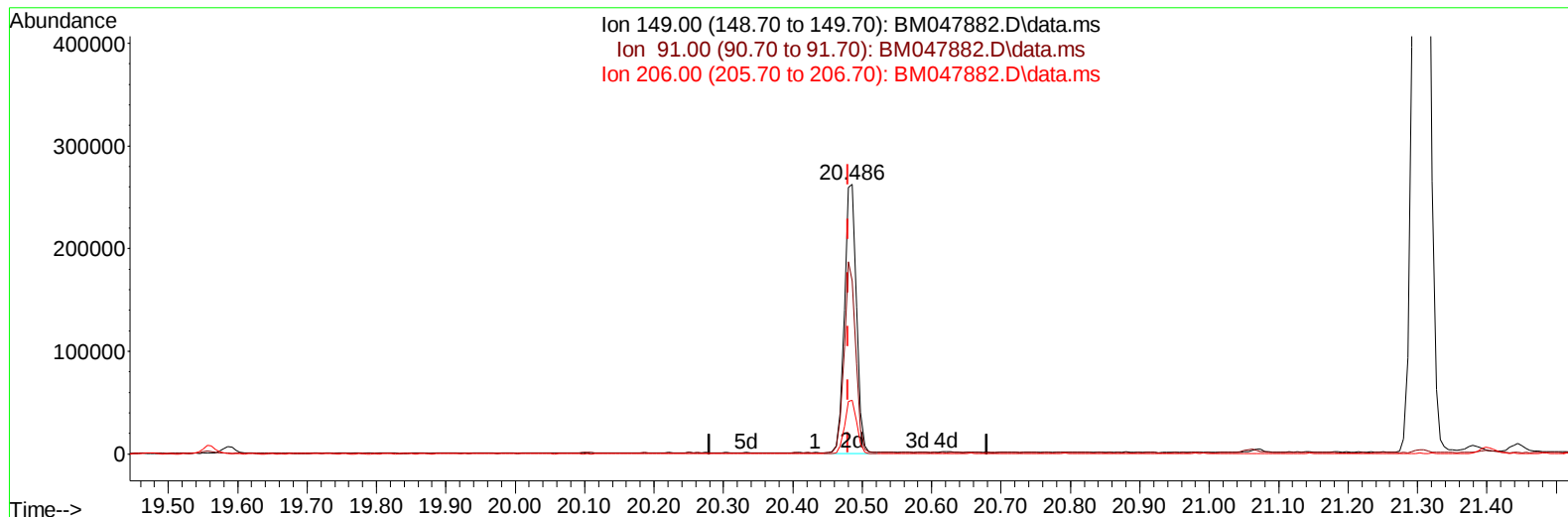
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Instrument :
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TIC: BM047882.D\data.ms

(83) Butylbenzylphthalate

20.486min (+ 0.006) 10.94 ng/ul m

response 319585

Ion	Exp%	Act%
149.00	100.00	100.00
91.00	83.60	64.37#
206.00	18.00	19.85
0.00	0.00	0.00

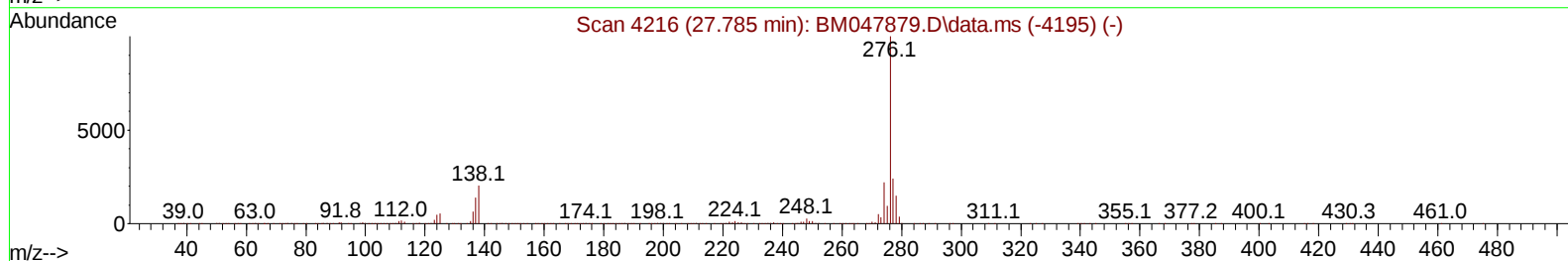
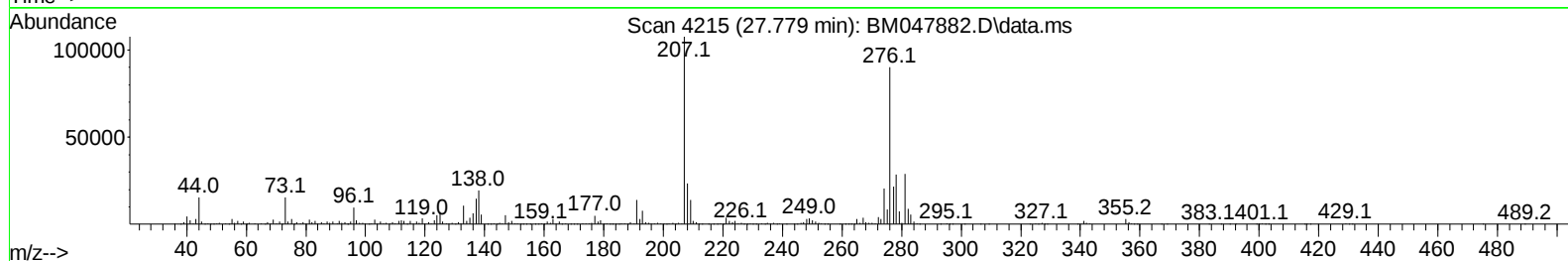
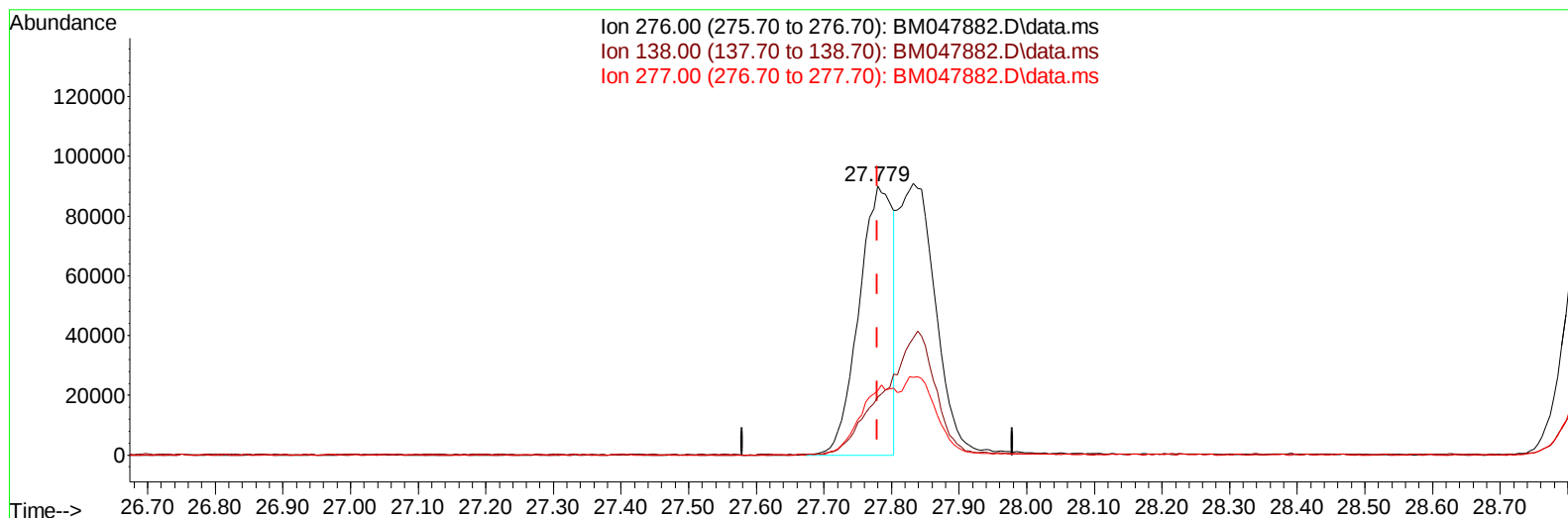
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Data File : BM047882.D
Acq On : 07 Oct 2024 12:06
Operator : RC/JU
Sample : P4109-13DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4E64DL

Manual IntegrationsAPPROVED

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TIC: BM047882.D\data.ms

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

27.779min (+ 0.000) 3.26 ng/u1

response 310842

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.10	21.61
277.00	23.60	24.05
0.00	0.00	0.00

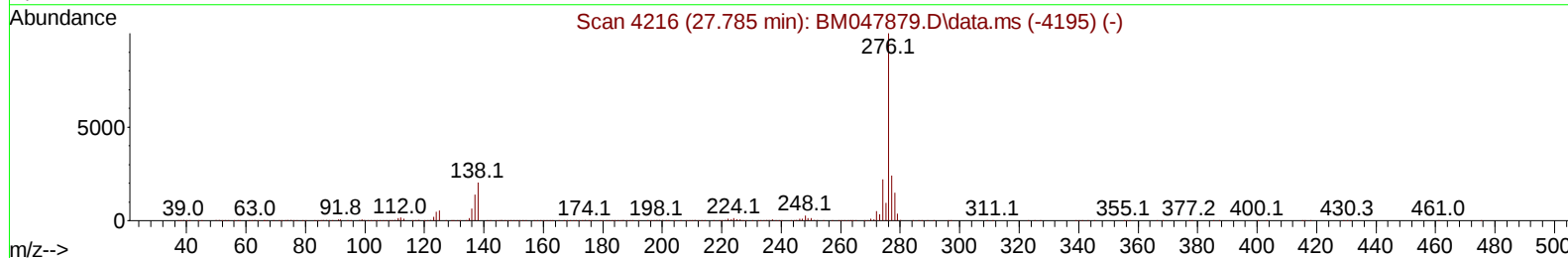
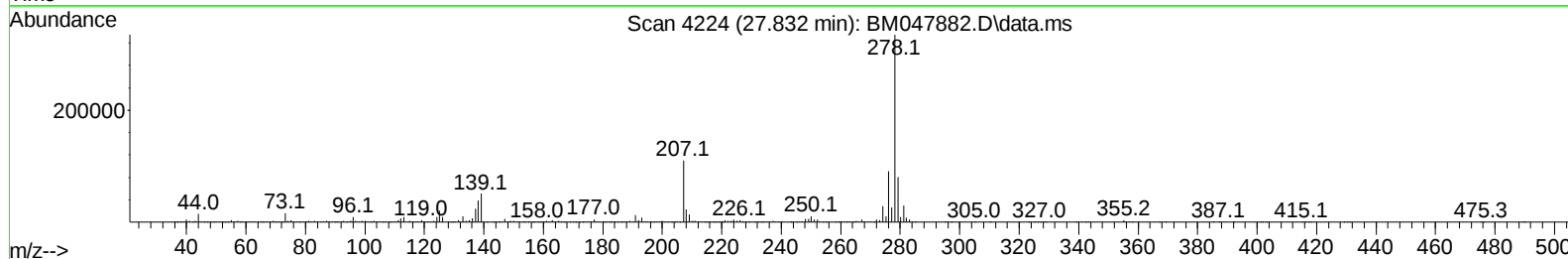
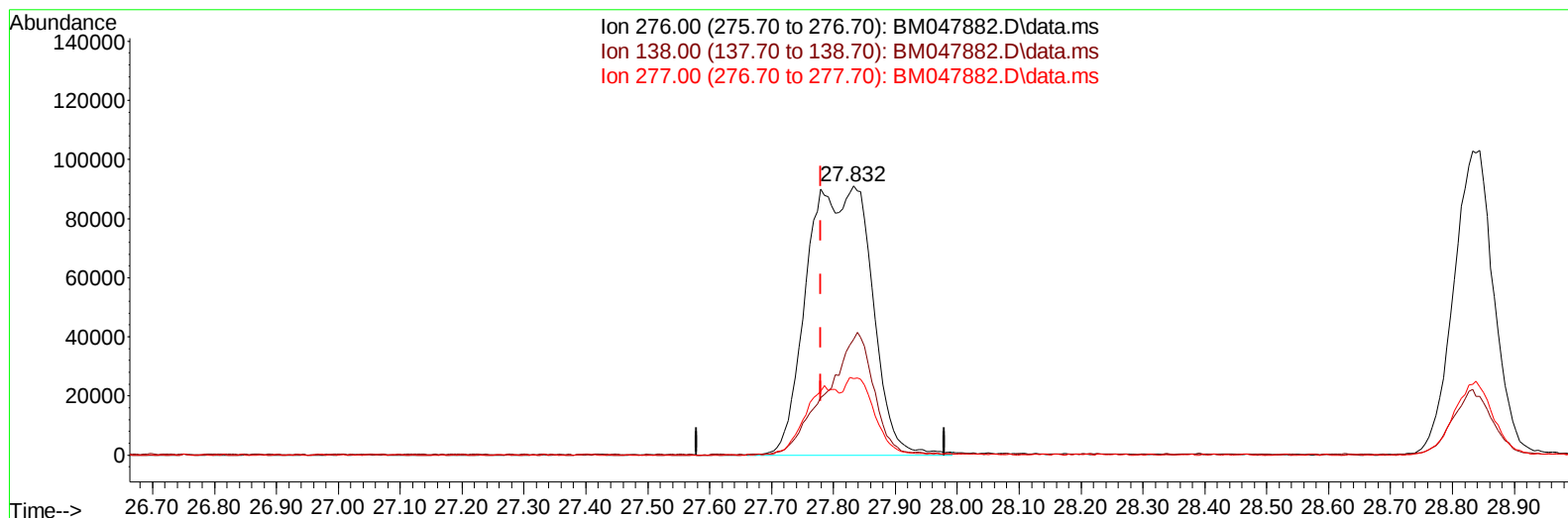
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Operator : RC/JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM047882.D\data.ms

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

27.832min (+ 0.053) 6.92 ng/u1 m

response 660255

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.10	43.11#
277.00	23.60	28.51#
0.00	0.00	0.00

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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Oct 07 12:43:08 2024
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	230941	20.000	ng/ul	0.00
20) Naphthalene-d8	10.592	136	938294	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.433	164	580067	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.174	188	1201820	20.000	ng/ul	0.00
79) Chrysene-d12	21.403	240	1111181	20.000	ng/ul	0.00
88) Perylene-d12	24.403	264	1256192	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	4461	0.624	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.969	99	92238	4.224	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	56172m	3.625	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	76382	4.807	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	75024	4.621	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	36053	4.826	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	37164	5.191	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	94037	6.575	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	87387	3.952	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	251046	5.969	ng/ul	0.00
49) Acenaphthylene-d8	14.127	160	290272	5.821	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	36822	4.398	ng/ul	0.00
60) Fluorene-d10	15.421	176	227231	6.238	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	19974	2.840	ng/ul	0.00
73) Anthracene-d10	17.268	188	362885	6.141	ng/ul	0.00
81) Pyrene-d10	19.556	212	418957	6.643	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.197	264	410487	6.298	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.993	94	147884	6.364	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.222	93	675583	36.489	ng/ul	90
12) 2-Chlorophenol	7.363	128	314544	18.687	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.598	70	539691	36.677	ng/ul#	88
19) Hexachloroethane	8.881	117	187095	24.729	ng/ul	88
22) Nitrobenzene	8.992	77	144930	6.829	ng/ul	90
23) Isophorone	9.522	82	1295606	34.128	ng/ul	95
25) 2-Nitrophenol	9.704	139	84435	10.309	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.004	93	876373	37.743	ng/ul	98
29) 2,4-Dichlorophenol	10.239	162	371456	25.154	ng/ul	98
33) Hexachlorobutadiene	10.933	225	308683	31.636	ng/ul	99
35) 4-Chloro-3-methylphenol	11.875	107	151087	9.884	ng/ul	94
36) 2-Methylnaphthalene	12.257	142	429906	12.536	ng/ul	96
41) 2,4,6-Trichlorophenol	12.863	196	487643	44.634	ng/ul	99
42) 2,4,5-Trichlorophenol	12.933	196	114590	9.591	ng/ul	98
48) 2,6-Dinitrotoluene	14.004	165	432718	57.851	ng/ul#	85
50) Acenaphthylene	14.157	152	250581	4.456	ng/ul	99
52) Acenaphthene	14.498	153	1022011	25.710	ng/ul	98
55) 4-Nitrophenol	14.645	109	123058	17.504	ng/ul#	84
57) 2,4-Dinitrotoluene	14.792	165	419667	37.356	ng/ul#	81
61) Fluorene	15.480	166	1710366	38.314	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.474	204	268854	12.745	ng/ul	97
68) 4-Bromophenyl-phenylether	16.368	248	120852	9.755	ng/ul	96

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

69) Hexachlorobenzene	16.486	284	759157	52.659	ng/ul	93
71) Pentachlorophenol	16.827	266	449487	49.033	ng/ul	99
72) Phenanthrene	17.215	178	692509	9.826	ng/ul	99
74) Anthracene	17.304	178	680656	9.469	ng/ul	99
78) Di-n-butylphthalate	18.139	149	2831491	39.034	ng/ul	98
80) Fluoranthene	19.227	202	2706728	36.442	ng/ul	98
82) Pyrene	19.586	202	1243967	15.048	ng/ul	96
83) Butylbenzylphthalate	20.486	149	319585m	10.935	ng/ul	
85) Benzo(a)anthracene	21.380	228	2264404	29.105	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.303	149	2020448	46.046	ng/ul	98
87) Chrysene	21.445	228	3271649	43.135	ng/ul	99
90) Benzo(b)fluoranthene	23.456	252	3016893	38.511	ng/ul	99
93) Benzo(a)pyrene	24.256	252	626485	8.420	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.832	276	660255m	6.925	ng/ul	
95) Dibenzo(a,h)anthracene	27.838	278	1377051	17.623	ng/ul	97
96) Benzo(g,h,i)perylene	28.844	276	466568	6.246	ng/ul	95

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

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