LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025770.D
Acq On : 17 Sep 2025 14:26
Operator : CG/JU
Sample : PB169672BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169672BL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025770.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.873	323	329	343	rVB	533400	707470	6.28%	1.354%
2	5.325	400	406	427	rBV	3361571	5375225	47.70%	10.288%
3	6.896	665	673	695	rBV	3161154	5278199	46.84%	10.103%
4	7.708	804	811	829	rBV	686119	1131323	10.04%	2.165%
5	8.861	998	1007	1038	rBV	1895804	3596553	31.91%	6.884%
6	10.490	1274	1284	1300	rBV	713791	1444477	12.82%	2.765%
7	12.972	1695	1706	1722	rBV	3989805	7574886	67.22%	14.499%
8	14.372	1935	1944	1959	rBV	957031	1829634	16.24%	3.502%
9	15.890	2195	2202	2209	rBV	3222937	5206459	46.20%	9.965%
10	16.031	2222	2226	2233	rVB	124755	165236	1.47%	0.316%
11	16.101	2233	2238	2244	rVB	122639	188575	1.67%	0.361%
12	16.437	2289	2295	2300	rBV	94922	140586	1.25%	0.269%
13	16.507	2300	2307	2311	rVV	197208	323169	2.87%	0.619%
14	16.560	2311	2316	2322	rVB	181700	271267	2.41%	0.519%
15	17.184	2415	2422	2437	rBV	1229311	2175766	19.31%	4.165%
16	19.907	2879	2885	2895	rBV	9215049	11269532	100.00%	21.570%
17	21.542	3160	3163	3170	rVB	137549	190451	1.69%	0.365%
18	21.642	3172	3180	3185	rBV	1459860	2700746	23.97%	5.169%
19	25.007	3744	3752	3770	rVB	953264	2675792	23.74%	5.122%

Sum of corrected areas: 52245346

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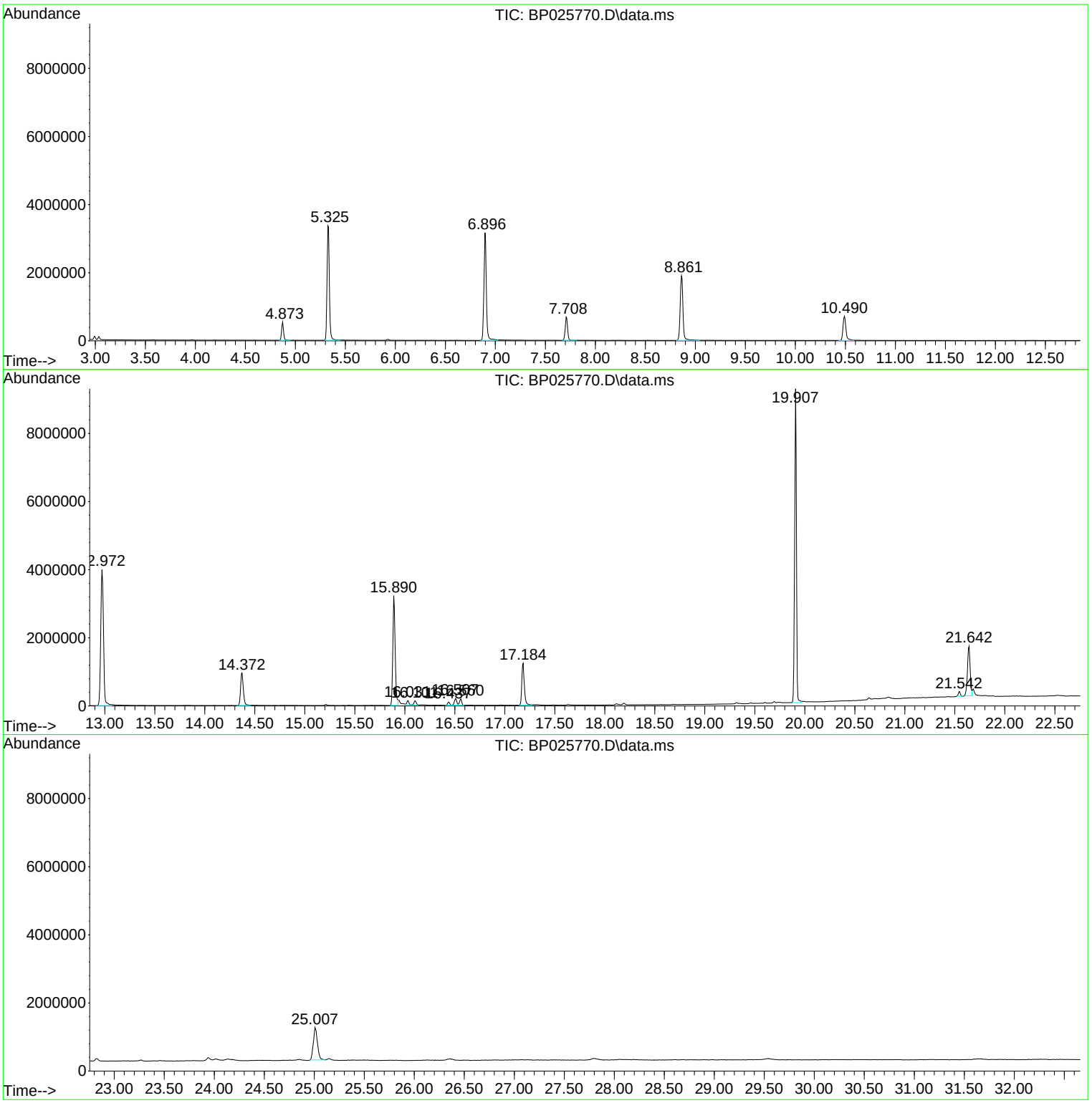
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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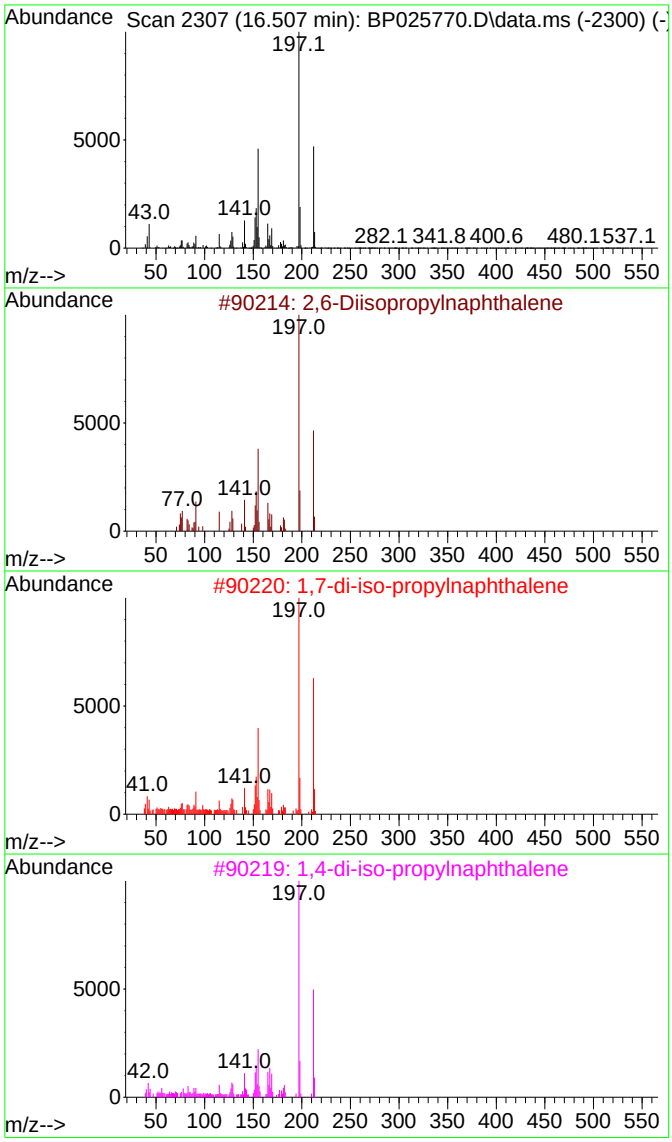
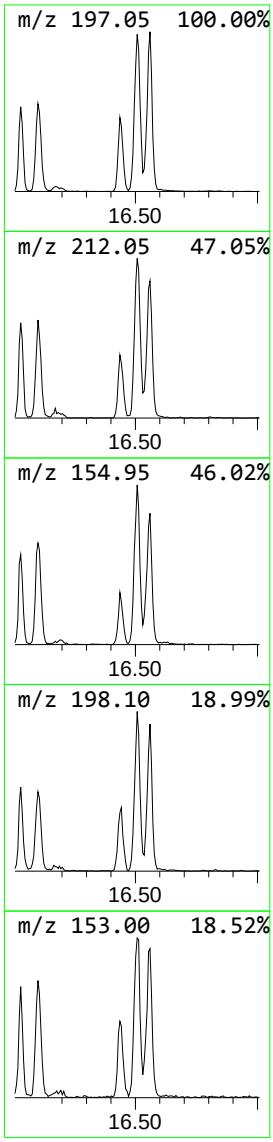
Peak Number 2 2,6-Diisopropylnaphthalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.507	2.97 ng	323169	Phenanthrene-d10	17.184

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Diisopropylnaphthalene	212	C16H20	024157-81-1	94
2	1,7-di-iso-propylnaphthalene	212	C16H20	1000374-06-1	91
3	1,4-di-iso-propylnaphthalene	212	C16H20	1000374-05-7	81
4	1-Acetyl-4,6,8-trimethylazulene	212	C15H16O	000834-97-9	64
5	1,3-di-iso-propylnaphthalene	212	C16H20	1000374-05-2	58





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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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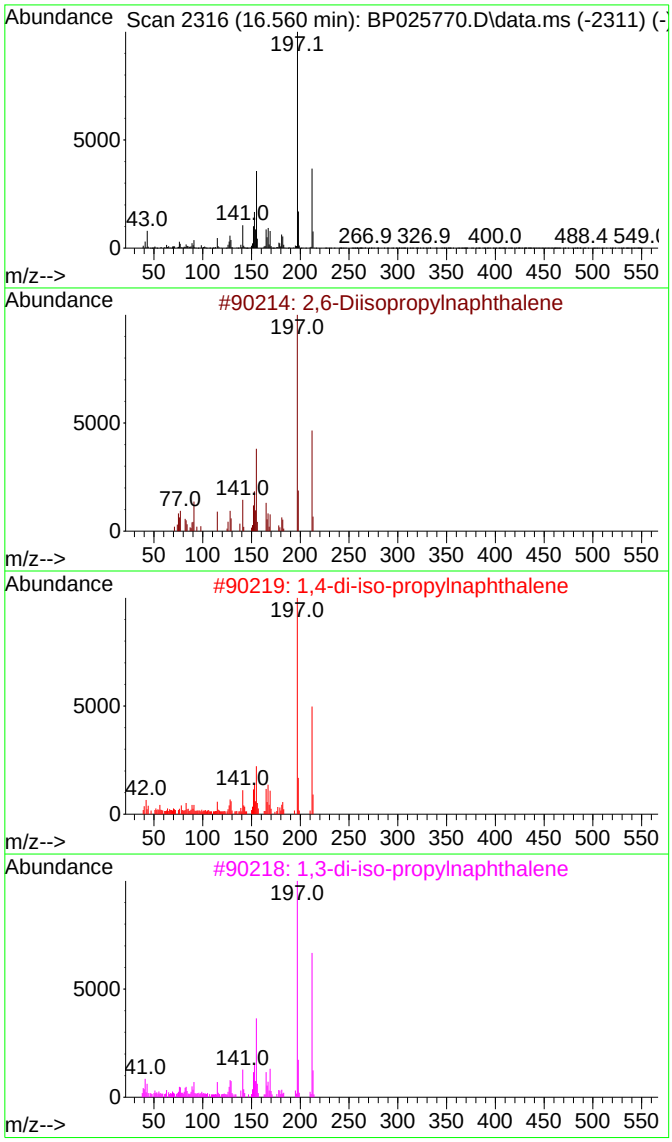
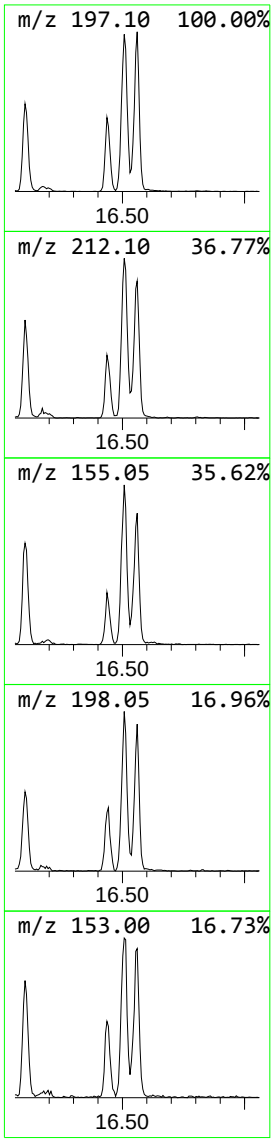
Peak Number 3 1,4-di-iso-propylnaphthalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.560	2.49 ng	271267	Phenanthrene-d10	17.184

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Diisopropylnaphthalene	212	C16H20	024157-81-1	97
2	1,4-di-iso-propylnaphthalene	212	C16H20	1000374-05-7	94
3	1,3-di-iso-propylnaphthalene	212	C16H20	1000374-05-2	76
4	1-Acetyl-4,6,8-trimethylazulene	212	C15H16O	000834-97-9	72
5	1,7-di-iso-propylnaphthalene	212	C16H20	1000374-06-1	64





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2,6-Diisopropyl...	16.507	3.0	ng	323169	4	17.184	2175770	20.0
1,4-di-iso-prop...	16.560	2.5	ng	271267	4	17.184	2175770	20.0