LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142549.D
Acq On : 23 May 2025 21:51
Operator : RC/JU
Sample : Q2113-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-05222025

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_F\Methods\8270-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142549.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.975	297	303	308	rBV	4392	6934	1.09%	0.118%
2	5.098	487	494	502	rBV	26824	37467	5.89%	0.640%
3	5.504	558	563	572	rBV	291010	372886	58.66%	6.367%
4	6.516	730	735	748	rBV	278632	367374	57.79%	6.273%
5	6.898	795	800	805	rBV	430908	529354	83.28%	9.038%
6	7.010	814	819	823	rBV	8981	11257	1.77%	0.192%
7	7.451	883	894	899	rBV	157231	210527	33.12%	3.595%
8	7.486	899	900	905	rVB	7585	7877	1.24%	0.134%
9	7.710	935	938	946	rVB4	6060	8773	1.38%	0.150%
10	8.181	1010	1018	1024	rBV	481915	607311	95.54%	10.369%
11	8.234	1025	1027	1031	rVB	7442	8850	1.39%	0.151%
12	8.598	1085	1089	1092	rBV	5968	7801	1.23%	0.133%
13	8.769	1114	1118	1122	rVB	10356	12969	2.04%	0.221%
14	9.198	1188	1191	1196	rVB5	5936	6887	1.08%	0.118%
15	9.251	1196	1200	1209	rVB	282274	351763	55.34%	6.006%
16	9.333	1209	1214	1218	rBV	14216	18452	2.90%	0.315%
17	9.592	1250	1258	1260	rBV8	3722	7824	1.23%	0.134%
18	9.651	1264	1268	1272	rBV4	7606	11583	1.82%	0.198%
19	9.863	1300	1304	1308	rVB	10721	12982	2.04%	0.222%
20	9.939	1311	1317	1322	rBV	421497	543520	85.50%	9.280%
21	10.363	1385	1389	1392	rBV2	7663	9726	1.53%	0.166%
22	10.392	1392	1394	1401	rVB2	7224	8350	1.31%	0.143%
23	10.580	1422	1426	1432	rVB4	4801	7920	1.25%	0.135%
24	10.645	1432	1437	1444	rBV	33456	43517	6.85%	0.743%
25	10.722	1445	1450	1457	rBV	157535	198295	31.19%	3.386%
26	10.845	1466	1471	1481	rVB3	10491	20362	3.20%	0.348%
27	10.957	1487	1490	1496	rBV3	4454	6439	1.01%	0.110%
28	11.286	1542	1546	1548	rBV2	5597	7933	1.25%	0.135%
29	11.316	1548	1551	1559	rVB3	6997	9817	1.54%	0.168%
30	11.422	1564	1569	1578	rBV	438899	623872	98.15%	10.652%
31	11.498	1579	1582	1585	rVB	9168	11228	1.77%	0.192%
32	11.716	1615	1619	1623	rVB4	7298	10258	1.61%	0.175%
33	11.757	1623	1626	1632	rBV4	3655	6564	1.03%	0.112%
34	11.945	1652	1658	1666	rBV2	34286	67038	10.55%	1.145%
35	12.039	1670	1674	1681	rVB2	11702	20483	3.22%	0.350%
36	12.121	1685	1688	1691	rBV2	11308	13467	2.12%	0.230%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.474	1745	1748	1750	rBV	9340	11896	1.87%	0.203%
38	12.510	1750	1754	1759	rVB3	21535	37861	5.96%	0.646%
39	12.639	1772	1776	1780	rBV	64741	83840	13.19%	1.431%
40	12.869	1810	1815	1822	rBV2	58010	104813	16.49%	1.790%
41	13.010	1834	1839	1847	rBV	298843	384133	60.43%	6.559%
42	14.068	2014	2019	2030	rBV	431078	635663	100.00%	10.853%
43	15.562	2269	2273	2282	rVB	242058	391029	61.52%	6.676%

Sum of corrected areas: 5856895

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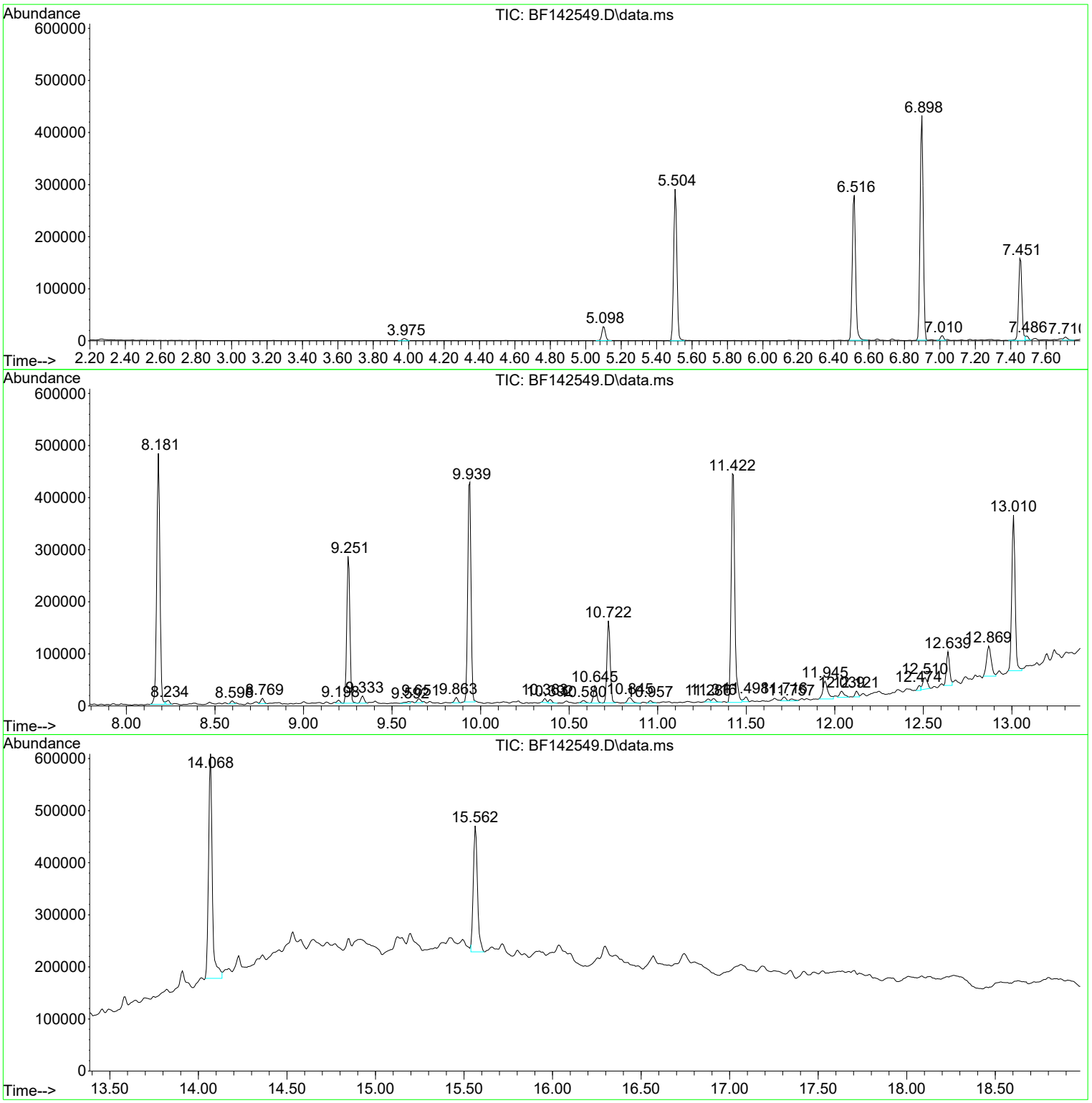
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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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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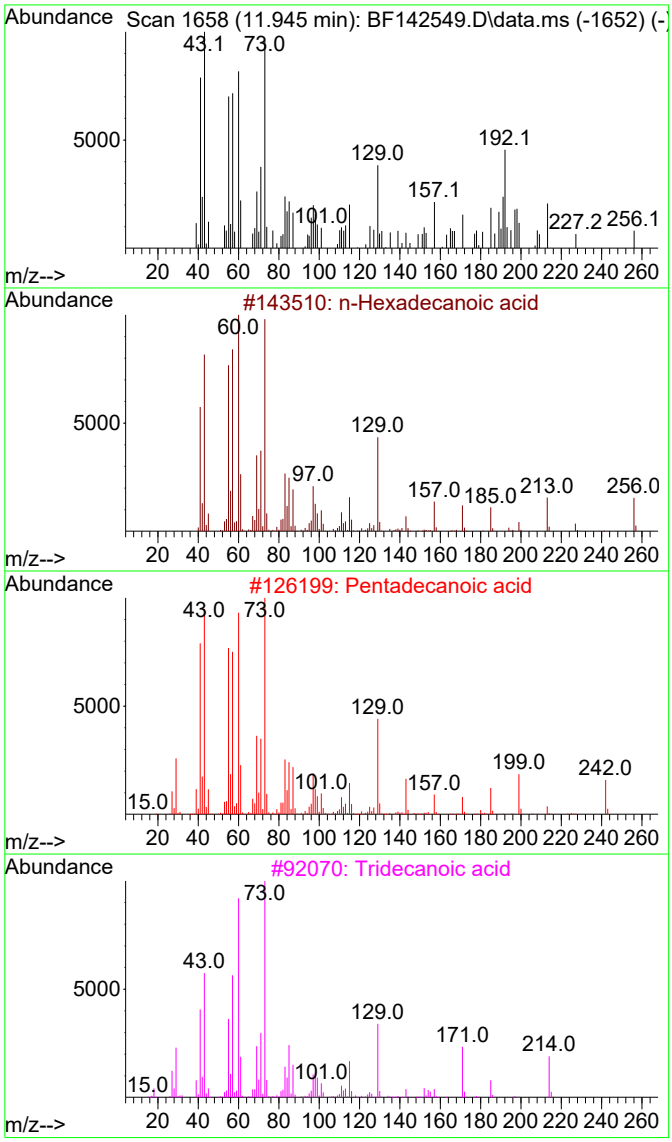
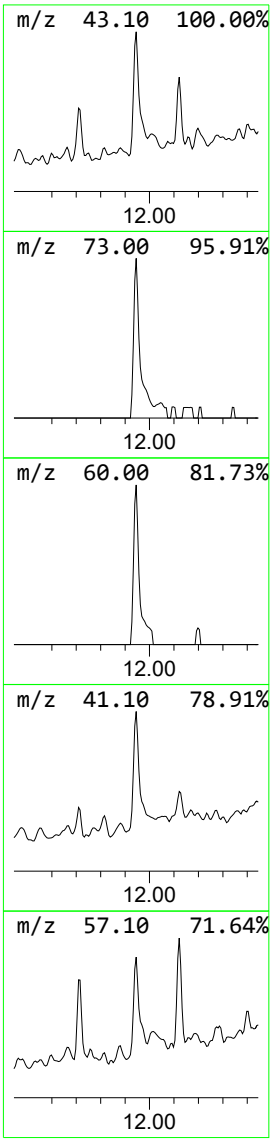
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	2.15 ng	67038	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
3	Tridecanoic acid	214	C13H26O2	000638-53-9	47
4	Dodecanoic acid	200	C12H24O2	000143-07-7	47
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	46





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
n-Hexadecanoic ...	11.945	2.1	ng	67038	4	11.427	623872	20.0