LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142345.D
Acq On : 13 May 2025 15:45
Operator : RC/JU
Sample : Q2002-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-05092025

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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142345.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.993	299	306	314	rVB	14410	22559	1.07%	0.124%
2	5.104	488	495	501	rVB	49822	68357	3.23%	0.375%
3	5.504	558	563	573	rBV	611410	770115	36.44%	4.223%
4	6.510	729	734	749	rBV	639108	807389	38.21%	4.427%
5	6.904	795	801	806	rVB	1152629	1432560	67.79%	7.856%
6	7.457	885	895	899	rBV	410441	512765	24.26%	2.812%
7	7.498	899	902	906	rVB	19971	25386	1.20%	0.139%
8	8.186	1011	1019	1024	rBV	1501560	1942160	91.90%	10.650%
9	8.239	1025	1028	1032	rVB	16271	21402	1.01%	0.117%
10	8.604	1086	1090	1101	rVB	21453	44287	2.10%	0.243%
11	8.775	1115	1119	1122	rBV	33692	39478	1.87%	0.216%
12	9.204	1189	1192	1196	rVB	21297	24383	1.15%	0.134%
13	9.257	1196	1201	1206	rBV	909500	1099290	52.02%	6.028%
14	9.339	1211	1215	1219	rBV	44653	59525	2.82%	0.326%
15	9.657	1265	1269	1272	rBV4	25433	36190	1.71%	0.198%
16	9.869	1300	1305	1309	rVV	37514	56485	2.67%	0.310%
17	9.939	1311	1317	1321	rVV	1701414	2113254	100.00%	11.588%
18	9.969	1321	1322	1327	rVB	39018	33414	1.58%	0.183%
19	10.139	1347	1351	1355	rVB2	16753	26399	1.25%	0.145%
20	10.486	1406	1410	1416	rBV	18174	27051	1.28%	0.148%
21	10.586	1423	1427	1432	rBV2	17499	28145	1.33%	0.154%
22	10.651	1432	1438	1445	rVB3	100371	167136	7.91%	0.917%
23	10.722	1445	1450	1457	rBV	333517	421906	19.96%	2.314%
24	10.845	1467	1471	1479	rVB	49019	84125	3.98%	0.461%
25	11.292	1542	1547	1550	rBV2	33091	58474	2.77%	0.321%
26	11.427	1564	1570	1577	rBV	1467026	2059734	97.47%	11.295%
27	11.498	1579	1582	1586	rVB	36836	46157	2.18%	0.253%
28	11.657	1605	1609	1615	rVB2	17727	29826	1.41%	0.164%
29	11.716	1616	1619	1623	rBV2	25655	33863	1.60%	0.186%
30	11.951	1651	1659	1662	rBV2	98463	195945	9.27%	1.074%
31	12.039	1670	1674	1682	rVB2	52906	101763	4.82%	0.558%
32	12.121	1686	1688	1694	rVB	18009	21463	1.02%	0.118%
33	12.474	1745	1748	1751	rBV	21862	28112	1.33%	0.154%
34	12.516	1751	1755	1760	rVV	26446	44256	2.09%	0.243%
35	12.639	1771	1776	1780	rBV	261907	337437	15.97%	1.850%
36	12.733	1787	1792	1808	rBV	353940	818539	38.73%	4.489%

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Instrument :
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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37	12.868	1809	1815	1821	rVB	229076	380331	18.00%	2.086%
38	13.010	1834	1839	1846	rVB	640052	832264	39.38%	4.564%
39	13.298	1885	1888	1891	rBV2	21561	24409	1.16%	0.134%
40	14.062	2012	2018	2030	rVB2	1030178	1588239	75.16%	8.709%
41	15.115	2193	2197	2206	rBV	113741	250292	11.84%	1.372%
42	15.427	2246	2250	2255	rVB	63176	97959	4.64%	0.537%
43	15.486	2257	2260	2265	rVV	81679	122573	5.80%	0.672%
44	15.557	2266	2272	2283	rVB	785437	1300819	61.56%	7.133%

Sum of corrected areas: 18236216

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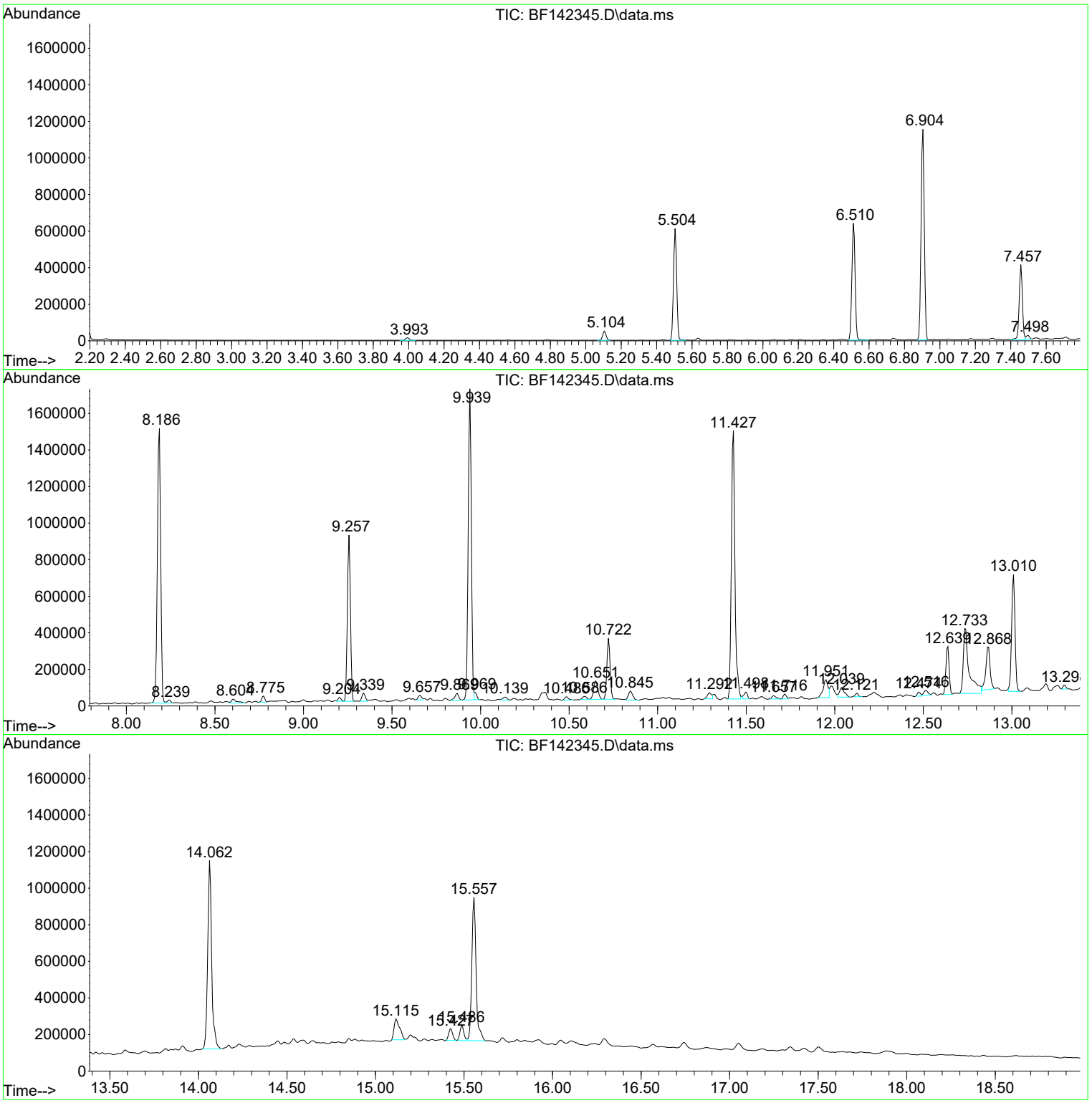
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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ALS Vial : 11 Sample Multiplier: 1

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BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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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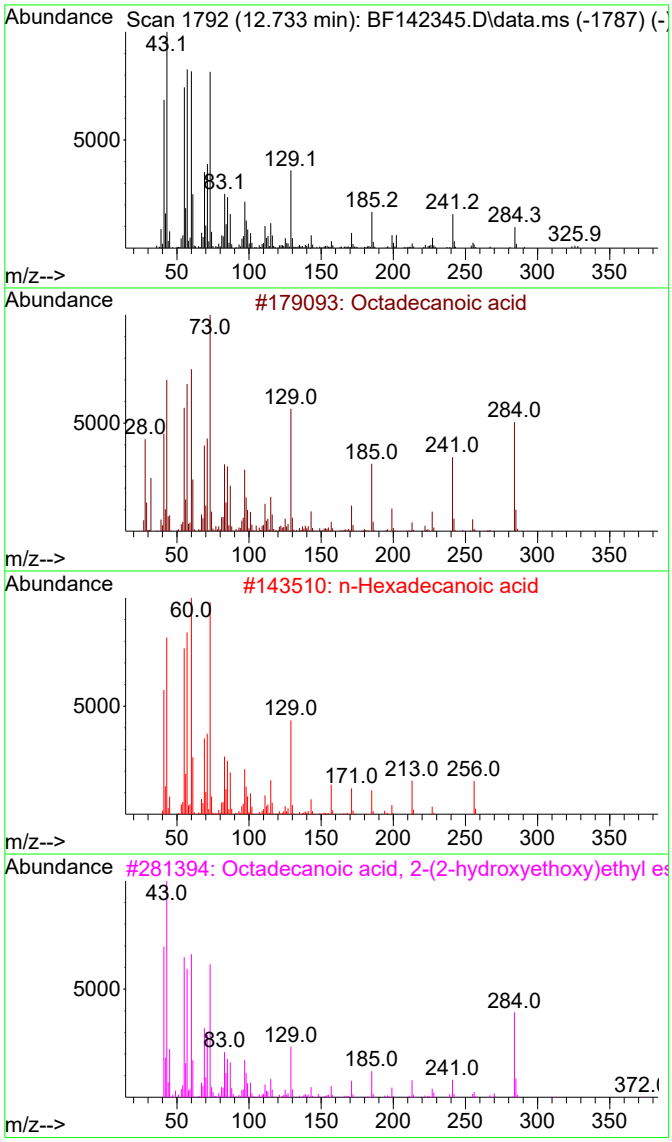
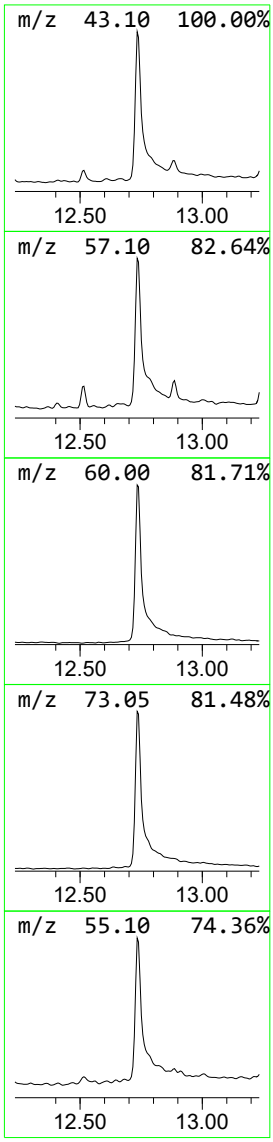
Peak Number 1 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	7.95 ng	818539	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Octadecanoic acid	12.733	8.0	ng	818539	4	11.427	2059730	20.0