

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
 Data File : BF143815.D
 Acq On : 25 Sep 2025 20:51
 Operator : RC/JU
 Sample : Q3176-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-TS14-02

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-BF092325.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143815.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.093	485	493	499	rVB2	24602	43988	2.53%	0.303%
2	5.493	555	561	574	rBV	1352472	1738908	100.00%	11.968%
3	6.498	726	732	742	rBV	1273832	1661245	95.53%	11.433%
4	6.881	792	797	803	rVB	611972	787187	45.27%	5.418%
5	6.957	803	810	814	rBV	16658	20372	1.17%	0.140%
6	7.440	886	892	897	rBV	749076	933853	53.70%	6.427%
7	8.069	994	999	1008	rBV2	11157	22930	1.32%	0.158%
8	8.163	1010	1015	1021	rVV	759610	975366	56.09%	6.713%
9	9.116	1174	1177	1182	rBV2	13252	20735	1.19%	0.143%
10	9.239	1192	1198	1203	rBV	786034	976792	56.17%	6.723%
11	9.322	1207	1212	1215	rBV	20271	28994	1.67%	0.200%
12	9.639	1262	1266	1270	rBV5	11256	17485	1.01%	0.120%
13	9.922	1309	1314	1319	rBV	788024	967428	55.63%	6.658%
14	10.334	1379	1384	1391	rVB3	12482	21136	1.22%	0.145%
15	10.634	1430	1435	1442	rVB	74618	94067	5.41%	0.647%
16	10.710	1442	1448	1458	rBV	527254	711787	40.93%	4.899%
17	10.945	1479	1488	1493	rVB	23072	33260	1.91%	0.229%
18	11.410	1562	1567	1574	rBV	664145	844611	48.57%	5.813%
19	11.933	1651	1656	1668	rBV2	114009	200548	11.53%	1.380%
20	12.622	1769	1773	1778	rBV	37158	52589	3.02%	0.362%
21	12.722	1786	1790	1795	rBV2	15196	21825	1.26%	0.150%
22	12.851	1805	1812	1818	rBV	40122	76705	4.41%	0.528%
23	12.998	1831	1837	1842	rBV	899983	1147378	65.98%	7.897%
24	13.233	1873	1877	1883	rBV2	11447	17785	1.02%	0.122%
25	13.574	1931	1935	1940	rVB	16785	22952	1.32%	0.158%
26	13.904	1987	1991	1993	rBV2	28810	41693	2.40%	0.287%
27	14.051	2010	2016	2028	rVB	776626	1086860	62.50%	7.480%
28	14.222	2041	2045	2050	rVB2	21103	30033	1.73%	0.207%
29	14.521	2093	2096	2101	rBV	25173	33568	1.93%	0.231%
30	14.821	2142	2147	2158	rBV3	57187	138776	7.98%	0.955%
31	14.916	2160	2163	2173	rVB6	24752	39028	2.24%	0.269%
32	15.098	2190	2194	2202	rVB	40711	93776	5.39%	0.645%
33	15.180	2204	2208	2218	rVB2	36220	60596	3.48%	0.417%
34	15.404	2243	2246	2251	rVB	18211	24883	1.43%	0.171%
35	15.468	2254	2257	2261	rVV	25666	34618	1.99%	0.238%
36	15.533	2262	2268	2280	rVB	770676	1244735	71.58%	8.567%

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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-BF092325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.015	2347	2350	2356	rVB	19494	30250	1.74%	0.208%
38	16.463	2421	2426	2434	rVB4	51290	99860	5.74%	0.687%
39	17.204	2548	2552	2559	rVB7	25480	47546	2.73%	0.327%
40	17.686	2629	2634	2647	rVB7	23006	83535	4.80%	0.575%

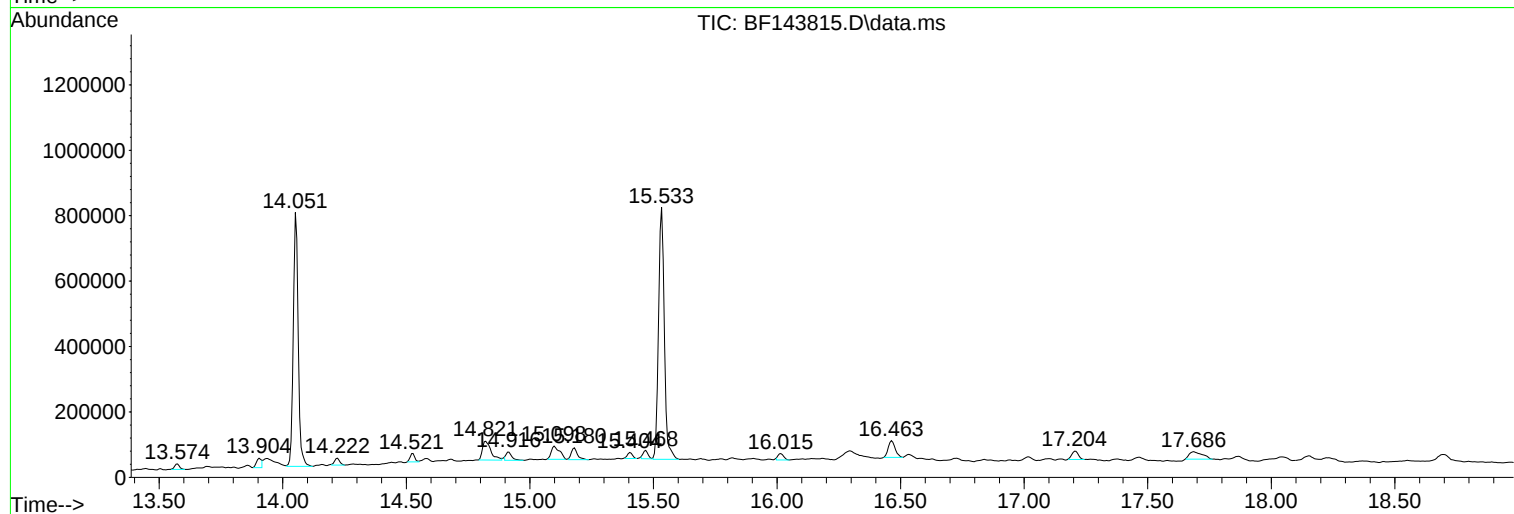
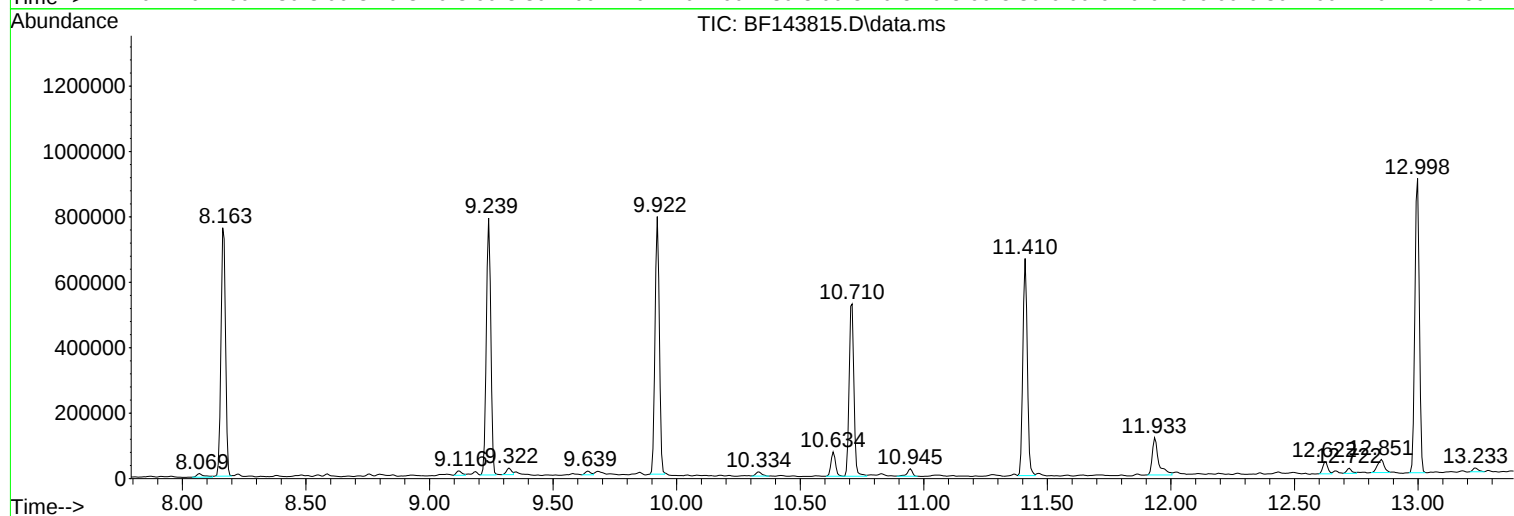
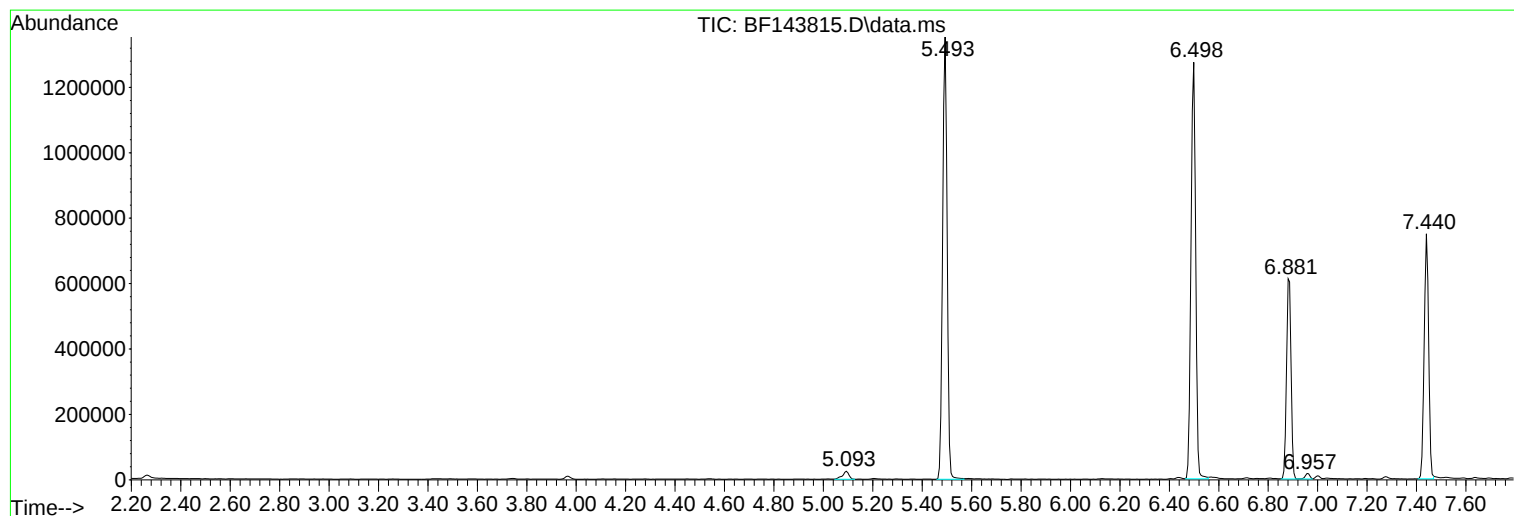
Sum of corrected areas: 14529683

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.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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ClientSampleId :
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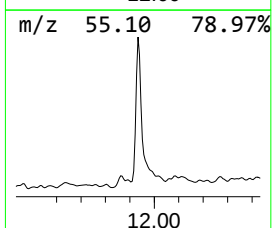
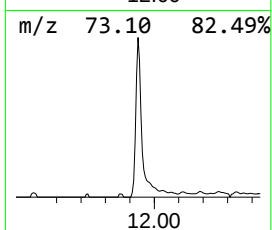
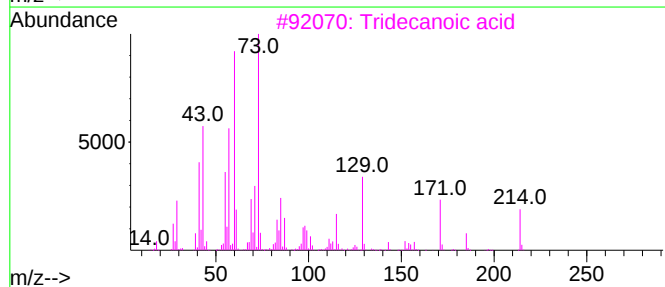
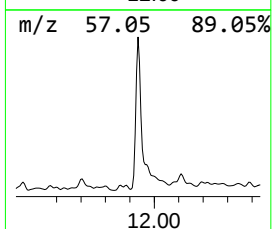
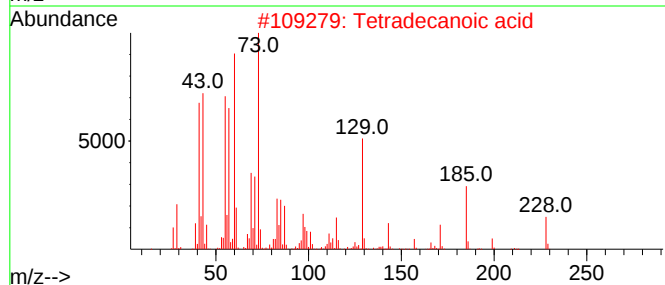
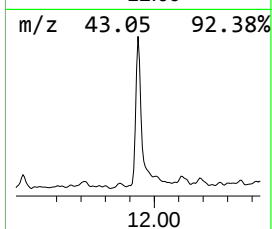
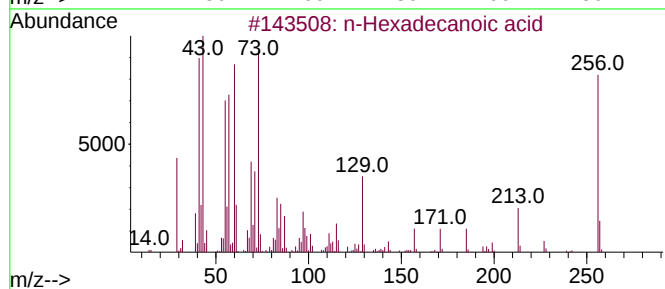
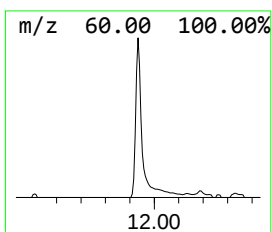
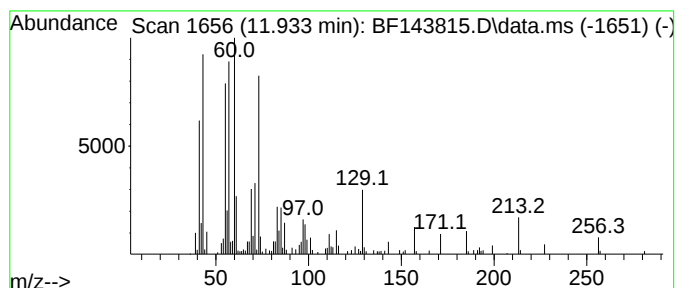
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	4.75 ng	200548	Phenanthrene-d10	11.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3			Tridecanoic acid	214	C13H26O2	000638-53-9	64
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5			Dodecanoic acid	200	C12H24O2	000143-07-7	59



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.933	4.8	ng	200548	4	11.410	844611	20.0