

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
 Data File : BF143814.D
 Acq On : 25 Sep 2025 20:21
 Operator : RC/JU
 Sample : Q3176-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-TS13-01

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: BF143814.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.963	295	301	309	rVB	12745	20594	1.56%	0.194%
2	5.093	484	493	499	rVB2	14277	27941	2.11%	0.263%
3	5.493	555	561	575	rBV	907946	1201937	90.97%	11.316%
4	6.498	726	732	751	rVB	842557	1095726	82.93%	10.316%
5	6.887	792	798	803	rBV	545496	695069	52.61%	6.544%
6	7.439	887	892	901	rBV	473872	582504	44.09%	5.484%
7	8.163	1010	1015	1021	rBV	605572	782661	59.24%	7.369%
8	9.239	1192	1198	1208	rVB	405346	500502	37.88%	4.712%
9	9.922	1309	1314	1319	rBV	582608	710880	53.80%	6.693%
10	10.633	1430	1435	1442	rVB	41103	52823	4.00%	0.497%
11	10.710	1442	1448	1459	rBV	332545	445887	33.75%	4.198%
12	10.945	1484	1488	1495	rVB	13028	16704	1.26%	0.157%
13	11.410	1562	1567	1573	rBV	556541	690361	52.25%	6.500%
14	11.933	1651	1656	1661	rBV	59714	90401	6.84%	0.851%
15	12.621	1769	1773	1778	rBV	10787	15775	1.19%	0.149%
16	12.851	1806	1812	1819	rVB2	15674	33349	2.52%	0.314%
17	12.998	1831	1837	1845	rBV	698237	903868	68.41%	8.510%
18	13.233	1873	1877	1883	rBV5	6173	13407	1.01%	0.126%
19	13.939	1988	1997	2010	rBV5	17983	85809	6.49%	0.808%
20	14.051	2011	2016	2027	rVB	847723	1156405	87.52%	10.887%
21	14.815	2142	2146	2153	rBV3	47268	92777	7.02%	0.873%
22	15.180	2205	2208	2215	rVB2	19171	28625	2.17%	0.269%
23	15.533	2262	2268	2280	rVB	846444	1321250	100.00%	12.439%
24	16.462	2422	2426	2434	rVB8	30111	56270	4.26%	0.530%

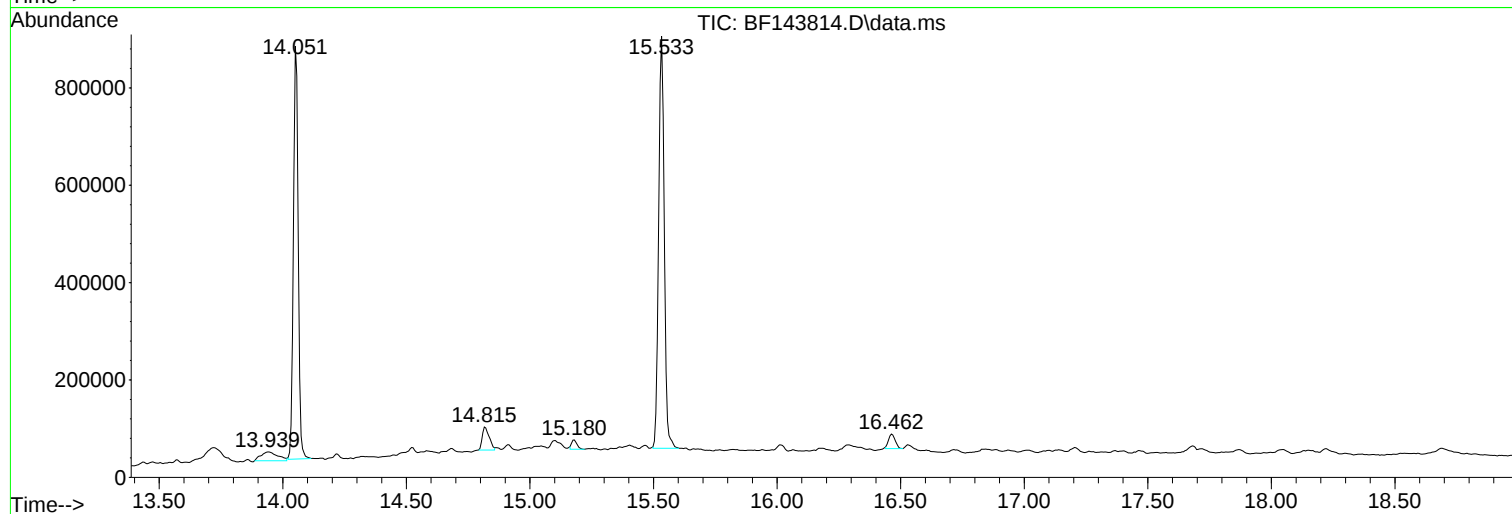
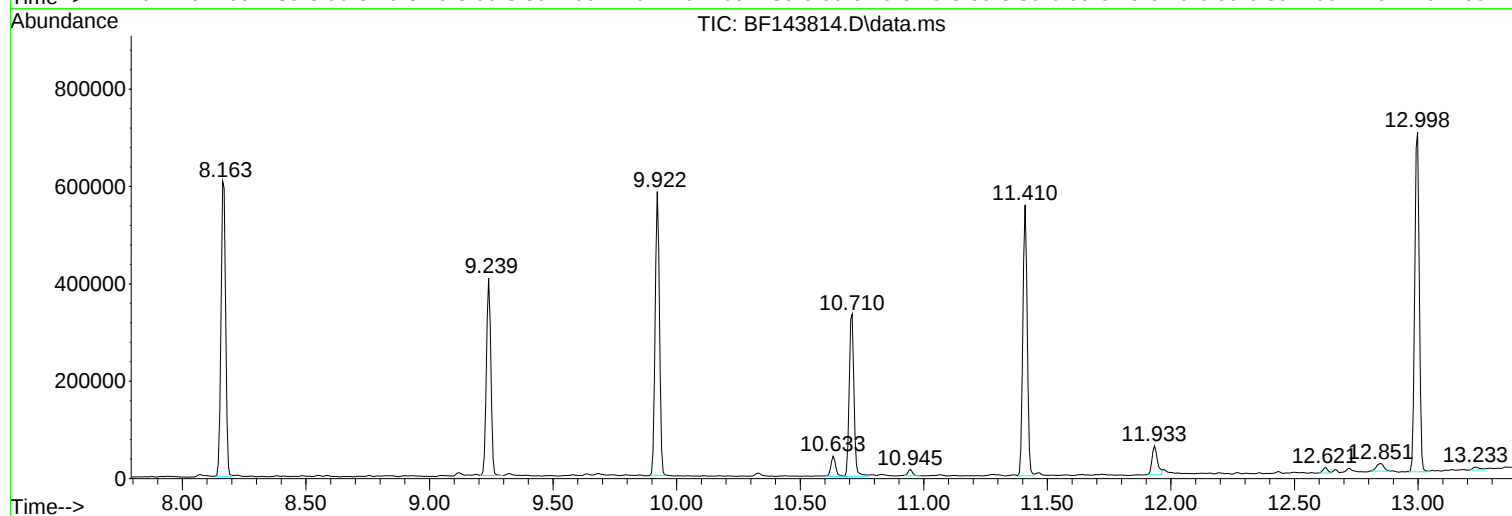
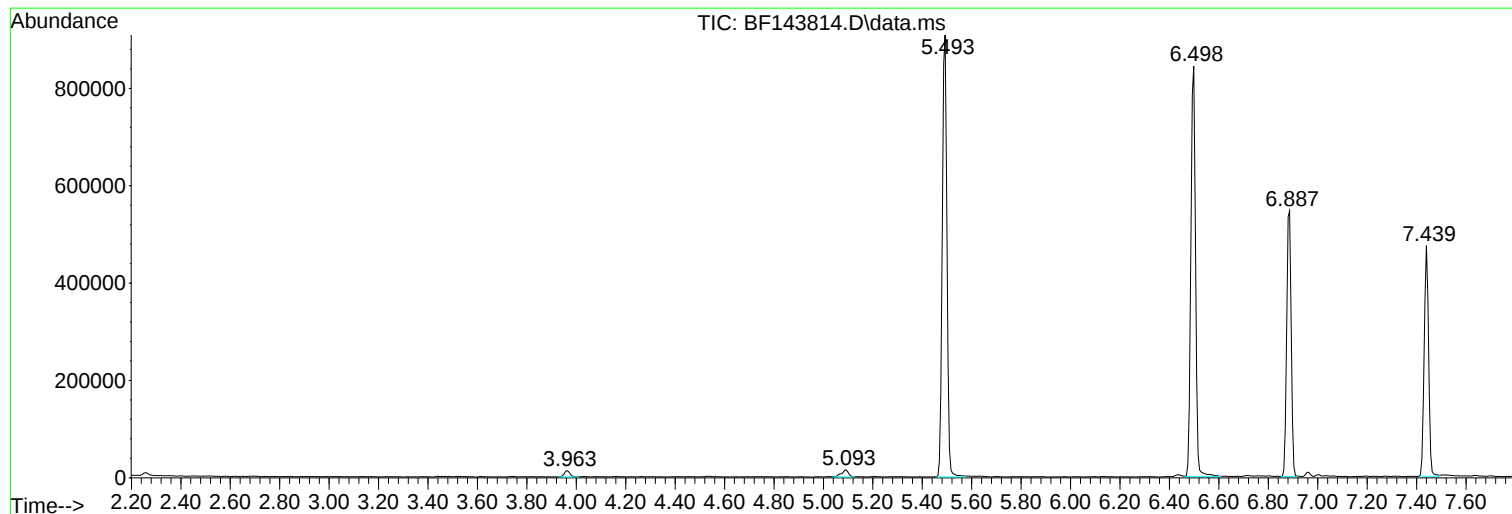
Sum of corrected areas: 10621525

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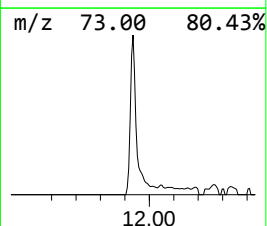
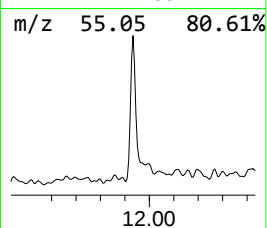
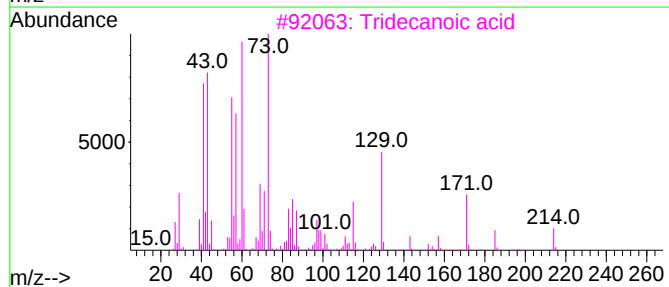
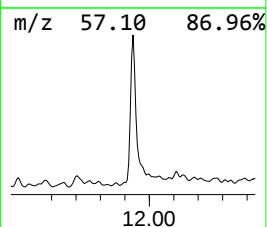
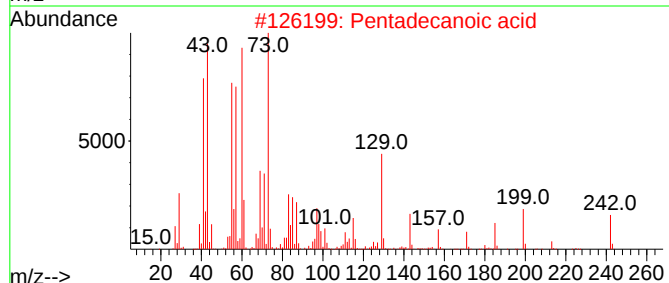
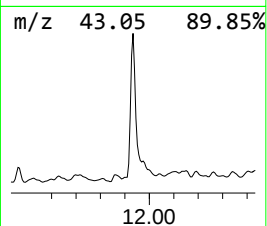
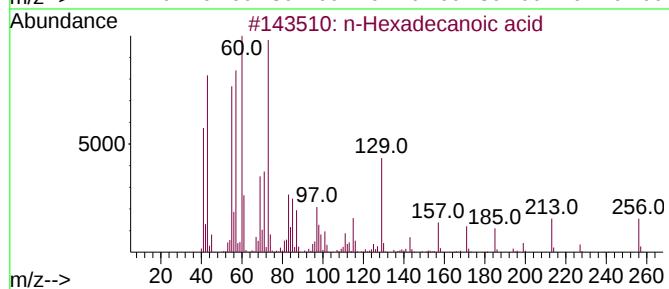
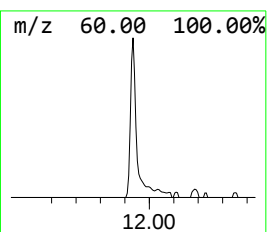
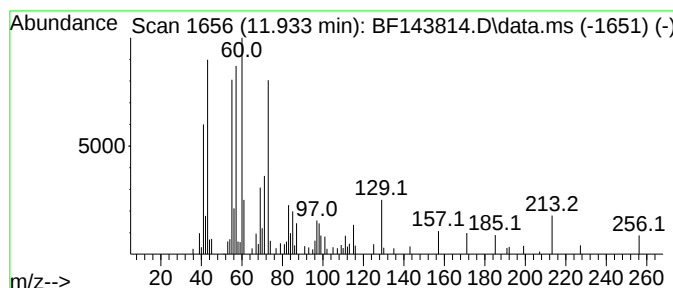
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	2.62 ng	90401	Phenanthrene-d10	11.410

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	80
3			Tridecanoic acid	214	C13H26O2	000638-53-9	72
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			Dodecanoic acid	200	C12H24O2	000143-07-7	59



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.933	2.6	ng	90401	4	11.410	690361	20.0