

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
 Data File : BP026312.D
 Acq On : 12 Dec 2025 14:56
 Operator : RC/JU
 Sample : Q3846-01 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BU-02-12112025

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-BP111825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026312.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.819	315	320	328	rVB	165145	239956	6.03%	0.743%
2	5.278	391	398	413	rBV	628774	1011955	25.41%	3.133%
3	6.837	653	663	675	rBV	569903	996956	25.04%	3.087%
4	7.649	791	801	812	rBV	1146528	1811463	45.49%	5.609%
5	8.784	987	994	1005	rBV	351818	613197	15.40%	1.899%
6	10.407	1260	1270	1284	rBV	1458141	2655798	66.70%	8.223%
7	11.849	1509	1515	1521	rBV	47475	84672	2.13%	0.262%
8	12.072	1545	1553	1562	rVB8	17802	47927	1.20%	0.148%
9	12.813	1675	1679	1684	rVV2	33302	44772	1.12%	0.139%
10	12.878	1684	1690	1701	rVV	1084625	1610200	40.44%	4.986%
11	13.101	1722	1728	1736	rBV	91499	144354	3.63%	0.447%
12	13.431	1778	1784	1789	rBV10	19063	47623	1.20%	0.147%
13	13.637	1815	1819	1824	rVB6	23655	39821	1.00%	0.123%
14	14.195	1909	1914	1919	rBV	137319	185463	4.66%	0.574%
15	14.272	1919	1927	1935	rBV	2198433	3514788	88.27%	10.883%
16	14.831	2018	2022	2028	rVB	43876	64171	1.61%	0.199%
17	15.166	2075	2079	2085	rVB	157309	188394	4.73%	0.583%
18	15.584	2144	2150	2153	rBV	64213	102474	2.57%	0.317%
19	15.660	2159	2163	2171	rVB	134643	219954	5.52%	0.681%
20	15.795	2180	2186	2198	rBV	840101	1293456	32.48%	4.005%
21	16.048	2224	2229	2233	rBV	160255	252174	6.33%	0.781%
22	16.866	2363	2368	2372	rBV2	142155	207084	5.20%	0.641%
23	16.925	2374	2378	2382	rVB	62053	89296	2.24%	0.276%
24	17.078	2398	2404	2410	rBV2	2572662	3981897	100.00%	12.329%
25	17.125	2410	2412	2418	rVB	188106	260791	6.55%	0.807%
26	17.631	2494	2498	2503	rBV	129444	157755	3.96%	0.488%
27	17.807	2524	2528	2537	rVB4	75873	123426	3.10%	0.382%
28	18.036	2562	2567	2580	rVB2	454167	731321	18.37%	2.264%
29	18.348	2617	2620	2626	rBV	115839	144151	3.62%	0.446%
30	18.995	2727	2730	2733	rBV	253472	360783	9.06%	1.117%
31	19.219	2763	2768	2771	rBV	353684	517174	12.99%	1.601%
32	19.378	2791	2795	2805	rBV3	200152	359661	9.03%	1.114%
33	19.595	2828	2832	2843	rVB2	273604	626894	15.74%	1.941%
34	19.825	2866	2871	2880	rBV	1703089	2241100	56.28%	6.939%
35	20.183	2929	2932	2935	rBV	101435	98471	2.47%	0.305%
36	21.530	3155	3161	3166	rBV	2208413	3708957	93.15%	11.484%

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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_P\Methods\8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37 24.818 3713 3720 3730 rVB 1340943 3518752 88.37% 10.895%

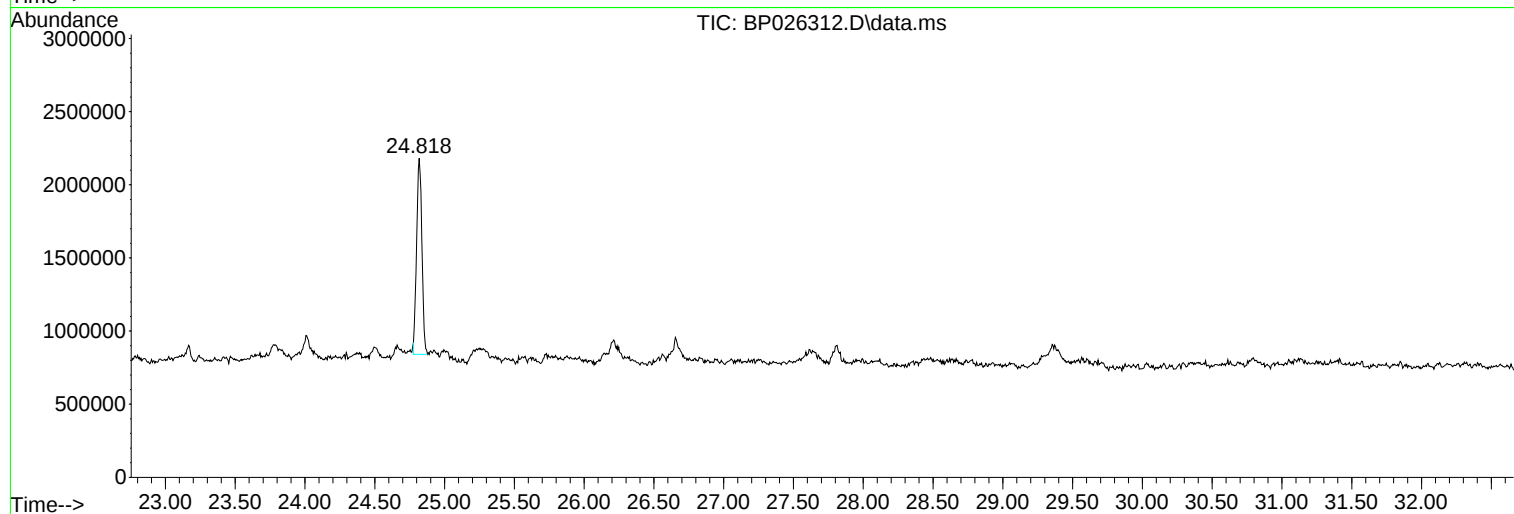
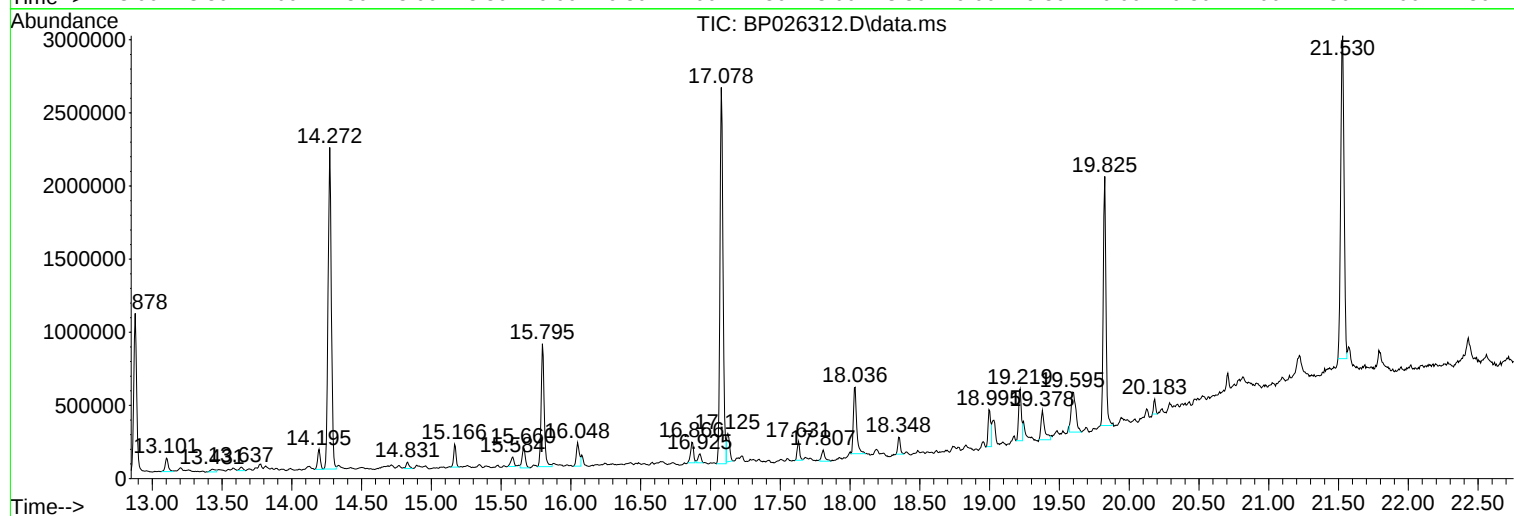
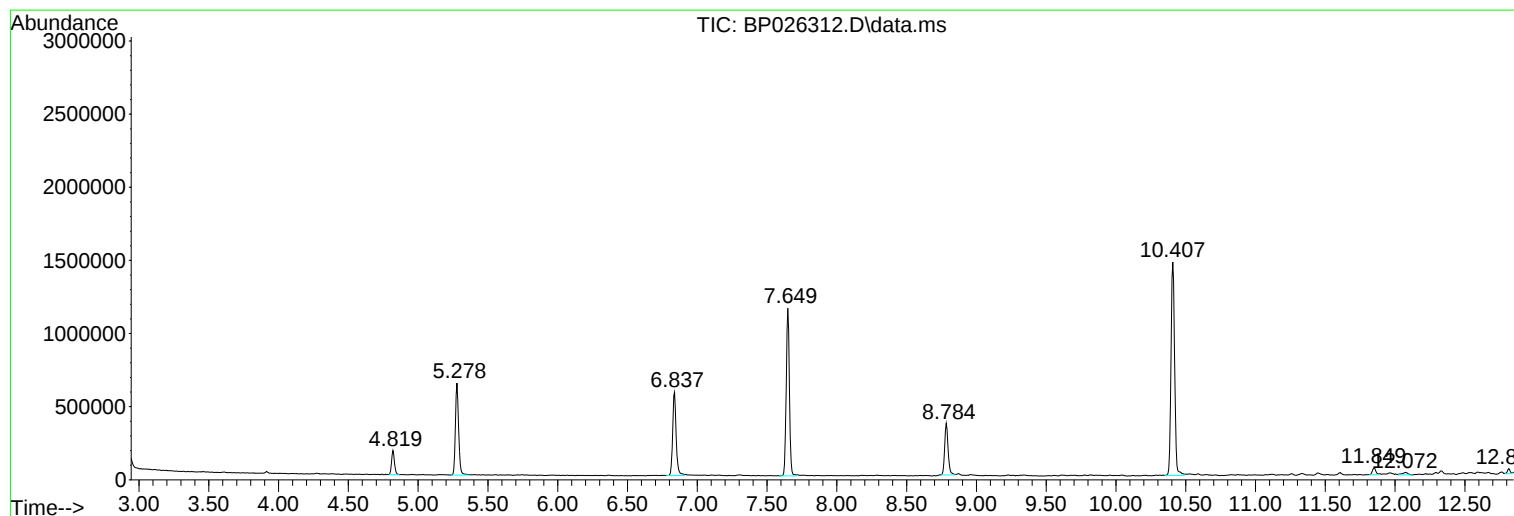
Sum of corrected areas: 32297081

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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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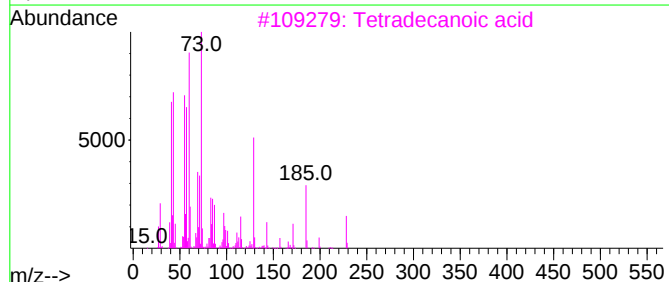
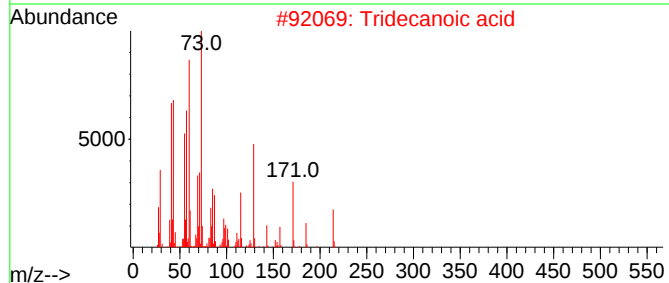
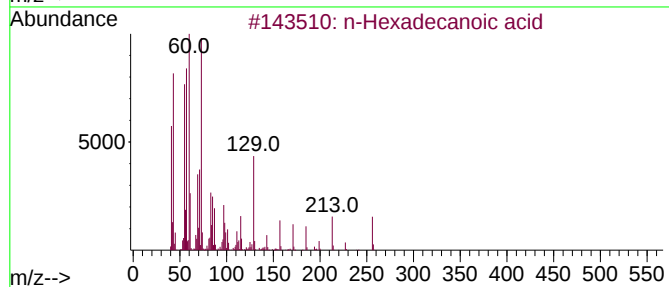
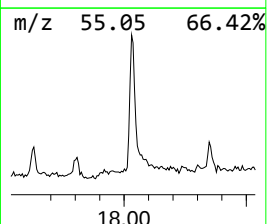
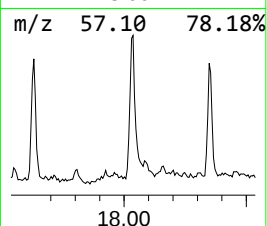
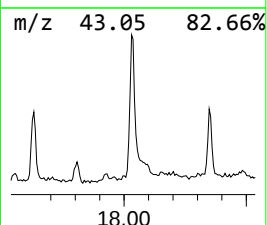
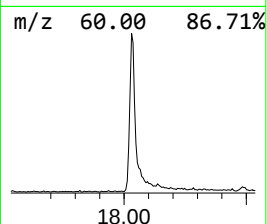
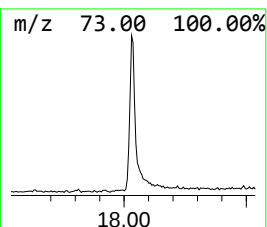
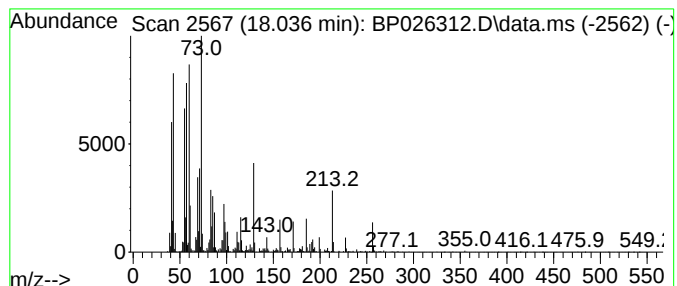
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.036	3.67 ng	731321	Phenanthrene-d10	17.078

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		Octadecanoic acid	284	C18H36O2	000057-11-4	93
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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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 ...	18.036	3.7	ng	731321	4	17.078	3981900	20.0