

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127873.D
 Acq On : 25 Apr 2022 11:44
 Operator : CG\JU
 Sample : N2487-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 UST-1-E

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-BF042222.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127873.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.204	492	496	504	rVB	40359	55183	1.11%	0.129%
2	5.569	553	558	561	rBV	4141649	4414600	88.86%	10.346%
3	6.569	721	728	731	rBV	3637901	4567269	91.93%	10.704%
4	6.940	787	791	795	rBV	2094005	1726412	34.75%	4.046%
5	7.504	881	887	890	rBV	2893188	3109013	62.58%	7.287%
6	8.222	1005	1009	1013	rBV	2380108	2260950	45.51%	5.299%
7	9.298	1186	1192	1195	rBV	4885366	4968166	100.00%	11.644%
8	9.981	1302	1308	1312	rBV	2709075	2614744	52.63%	6.128%
9	10.775	1438	1443	1456	rBV	3011741	3132342	63.05%	7.341%
10	11.475	1558	1562	1565	rBV	2927295	2629624	52.93%	6.163%
11	11.975	1642	1647	1649	rBV2	655303	872505	17.56%	2.045%
12	12.139	1672	1675	1677	rBV2	57161	69523	1.40%	0.163%
13	12.633	1756	1759	1763	rBV	102916	136370	2.74%	0.320%
14	12.692	1763	1769	1772	rVV6	100135	254554	5.12%	0.597%
15	12.769	1776	1782	1797	rVB	1642910	2956656	59.51%	6.929%
16	13.063	1827	1832	1835	rBV	4580616	4396025	88.48%	10.303%
17	13.874	1965	1970	1975	rVB	50337	86120	1.73%	0.202%
18	14.122	2005	2012	2024	rBV	2096605	2399771	48.30%	5.624%
19	14.216	2025	2028	2033	rVV	69493	81919	1.65%	0.192%
20	14.421	2059	2063	2069	rVB	55664	81788	1.65%	0.192%
21	14.927	2146	2149	2154	rVB	44356	61516	1.24%	0.144%
22	15.245	2200	2203	2207	rVB	44111	52248	1.05%	0.122%
23	15.633	2263	2269	2283	rVB2	1246122	1740578	35.03%	4.079%

Sum of corrected areas: 42667876

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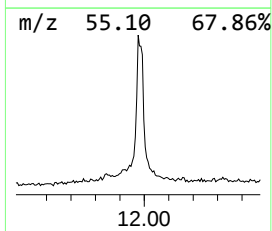
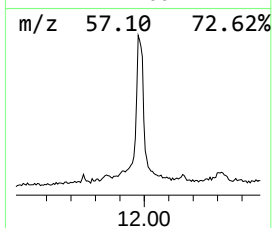
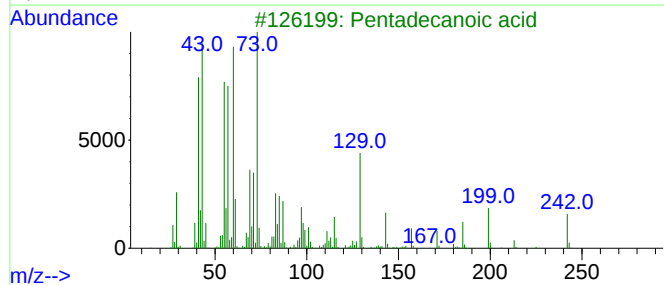
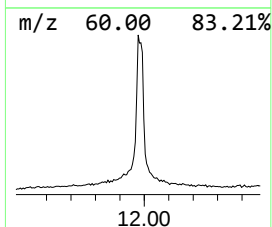
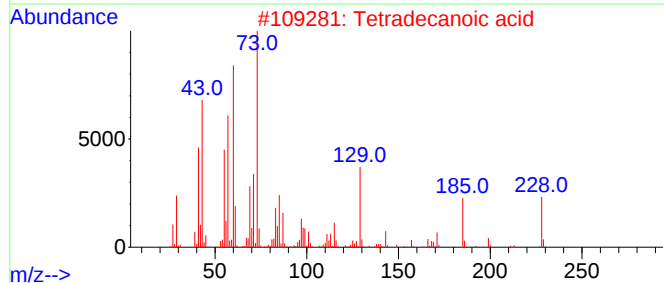
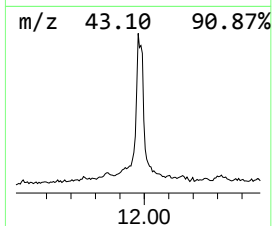
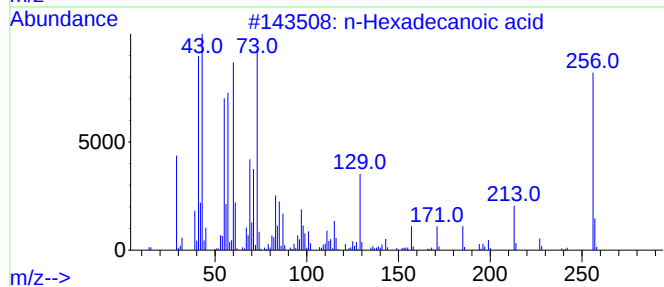
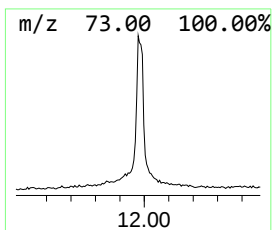
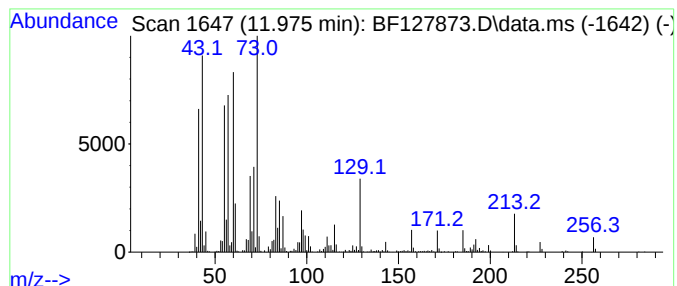
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	6.64 ng	872505	Phenanthrene-d10	11.475

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Tridecanoic acid	214	C13H26O2	000638-53-9	87
5			Nonanoic acid	158	C9H18O2	000112-05-0	45



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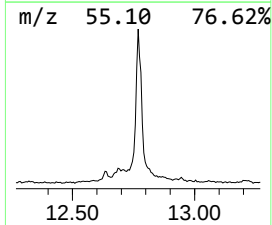
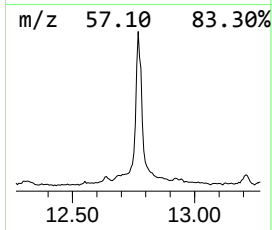
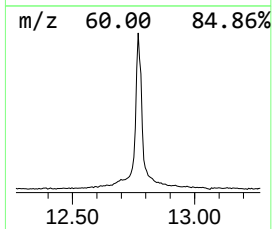
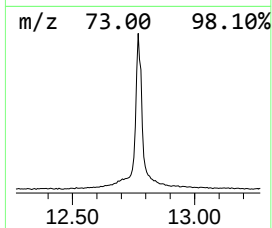
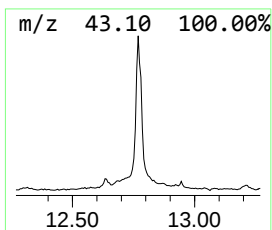
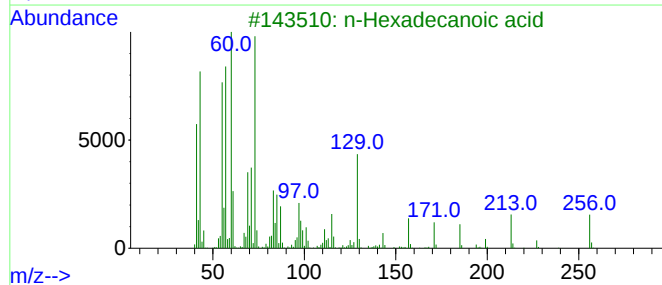
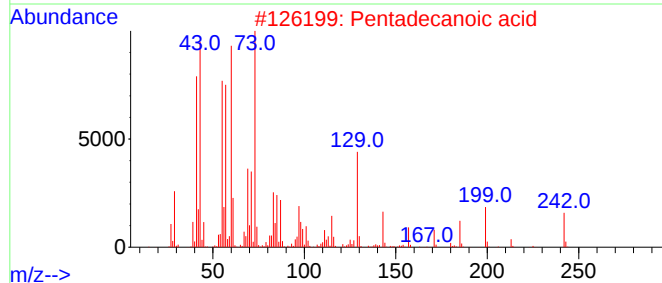
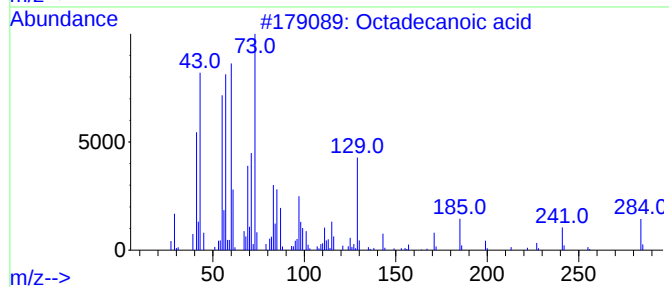
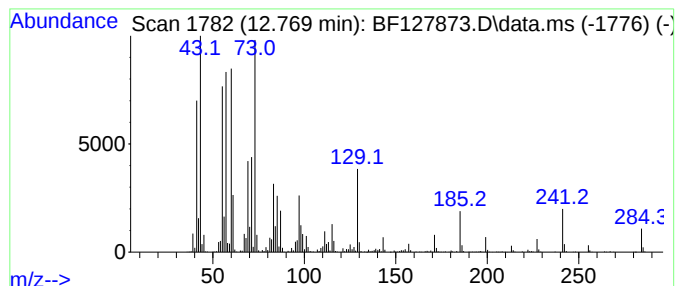
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.769	22.49 ng	2956660	Phenanthrene-d10	11.475

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4			n-Decanoic acid	172	C10H20O2	000334-48-5	68
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	68



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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 ...	11.975	6.6	ng	872505	4	11.475	2629620	20.0
Octadecanoic acid	12.769	22.5	ng	2956660	4	11.475	2629620	20.0