

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
 Data File : BF135074.D
 Acq On : 01 Sep 2023 14:01
 Operator : CG\JU
 Sample : 04203-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(12-12.5)

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-BF083023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135074.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	11	rVB	26980	31127	1.75%	0.245%
2	4.993	491	494	503	rVB	53672	63805	3.58%	0.503%
3	5.399	559	563	566	rBV	1965022	1689642	94.85%	13.309%
4	6.410	730	735	738	rBV	1720681	1657772	93.06%	13.058%
5	6.604	764	768	779	rBV	40593	52308	2.94%	0.412%
6	6.769	793	796	800	rBV	713504	551727	30.97%	4.346%
7	7.334	887	892	895	rBV	1176988	1054538	59.20%	8.306%
8	8.051	1010	1014	1017	rBV	787113	705690	39.61%	5.558%
9	9.128	1193	1197	1200	rBV	2294833	1781373	100.00%	14.031%
10	9.245	1214	1217	1221	rVB	34703	29479	1.65%	0.232%
11	9.804	1308	1312	1316	rBV	860897	703503	39.49%	5.541%
12	10.598	1443	1447	1450	rBV	1073560	940130	52.78%	7.405%
13	11.298	1562	1566	1570	rBV	741170	597196	33.52%	4.704%
14	11.833	1654	1657	1671	rBV	124506	136034	7.64%	1.071%
15	12.627	1788	1792	1801	rBV2	32121	41924	2.35%	0.330%
16	12.892	1834	1837	1841	rBV	1461074	1371374	76.98%	10.802%
17	13.827	1990	1996	2005	rBV4	44914	115383	6.48%	0.909%
18	13.951	2013	2017	2021	rBV	618348	561650	31.53%	4.424%
19	15.421	2262	2267	2272	rBV	484583	588459	33.03%	4.635%
20	15.915	2346	2351	2355	rVB4	15790	22749	1.28%	0.179%

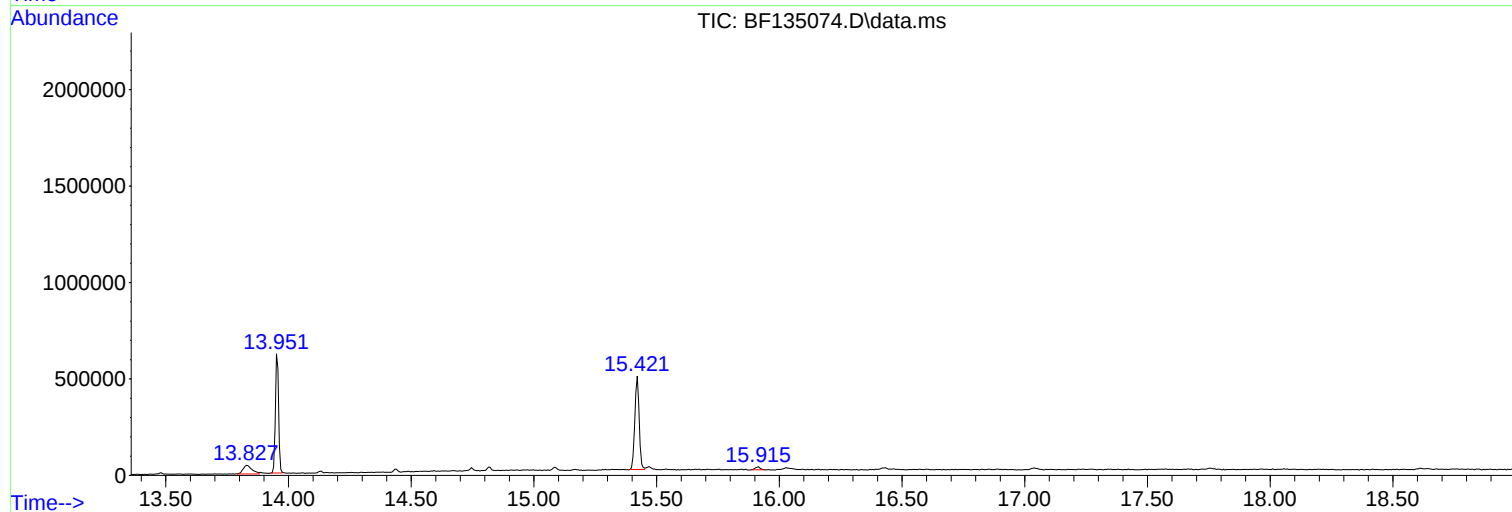
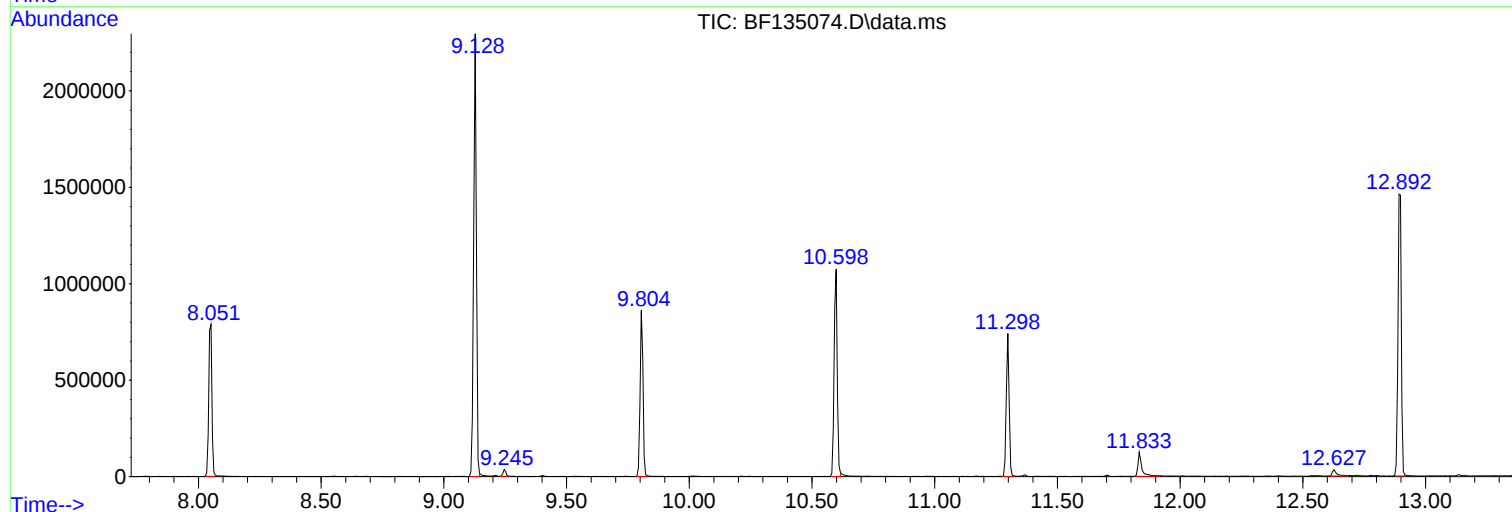
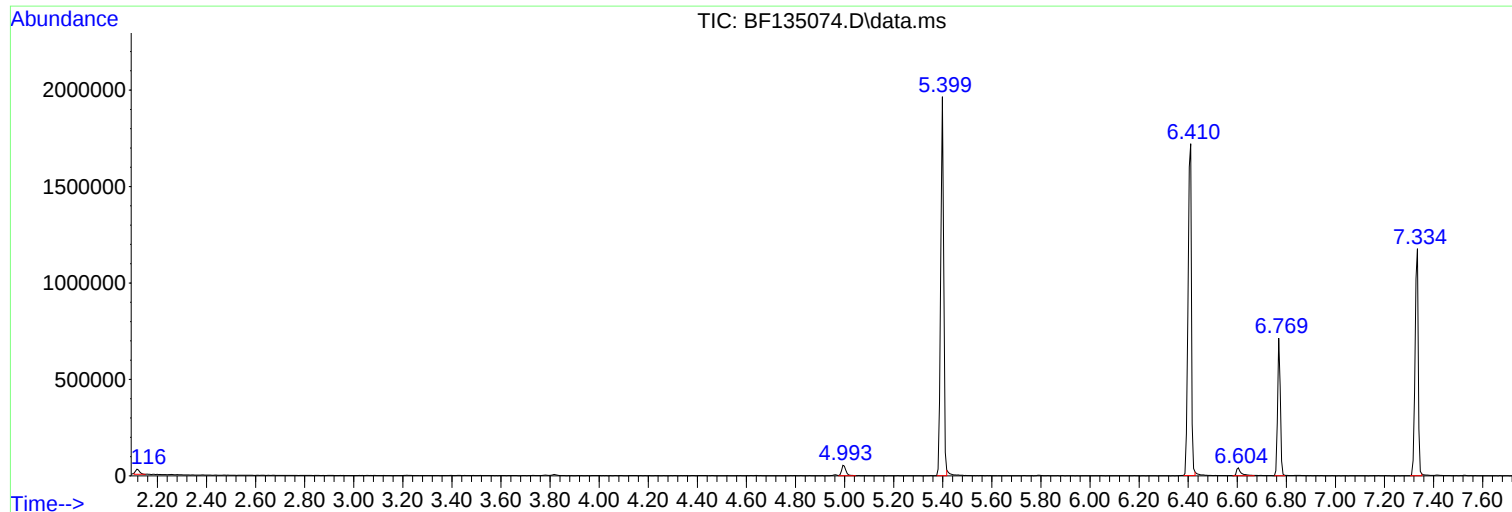
Sum of corrected areas: 12695863

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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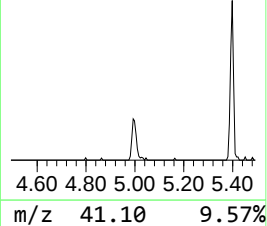
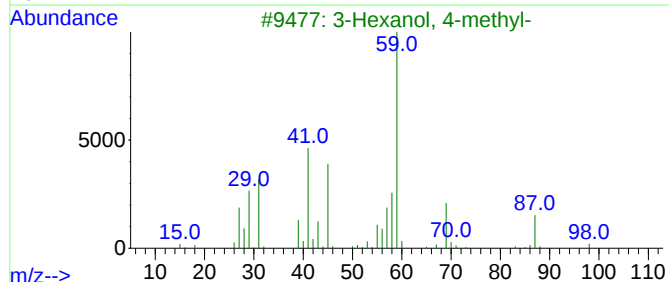
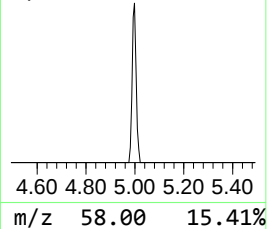
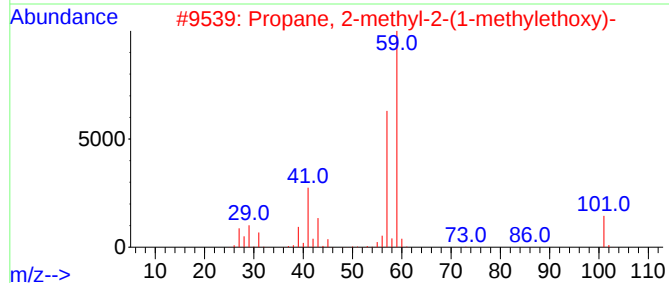
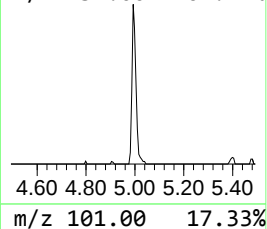
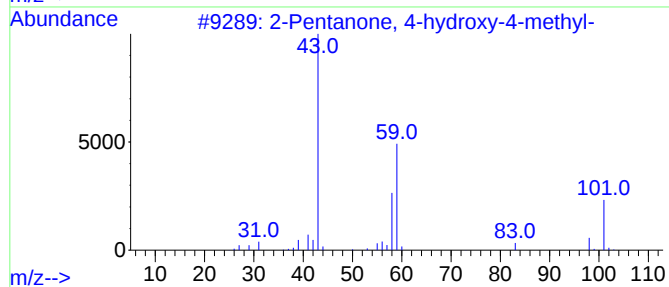
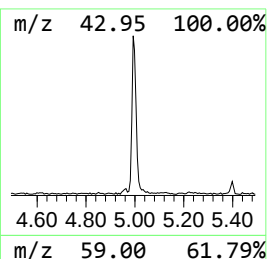
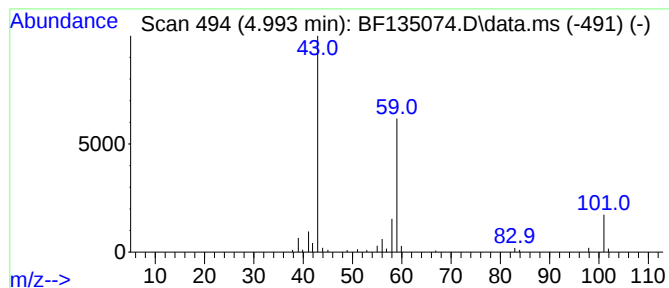
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.993	2.31 ng	63805	1,4-Dichlorobenzene-d4	6.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	40		
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28		
4	1,2-Butanediol	90	C4H10O2	000584-03-2	25		
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23		



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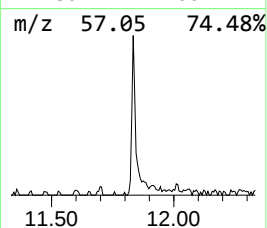
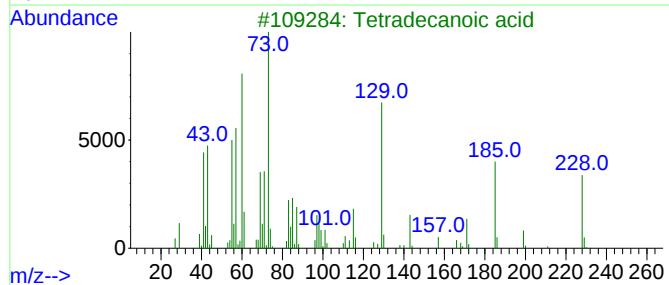
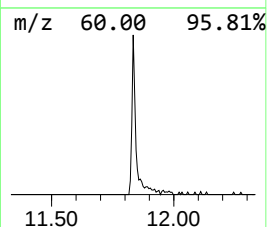
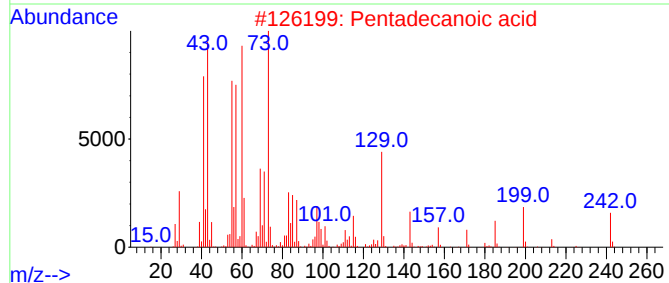
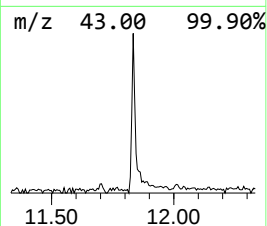
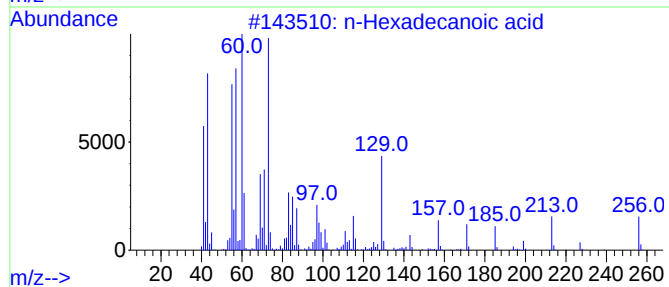
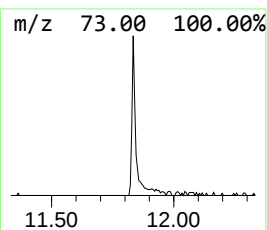
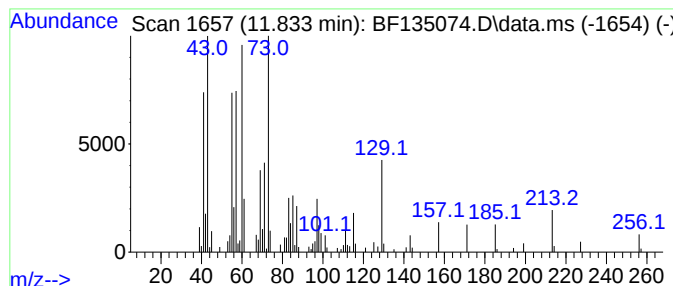
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.833	4.56 ng	136034	Phenanthrene-d10	11.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4			Tridecanoic acid	214	C13H26O2	000638-53-9	83
5			Estra-1,3,5(10)-trien-17.β.-ol	256	C18H24O	002529-64-8	25



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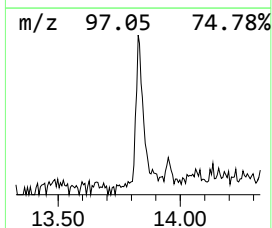
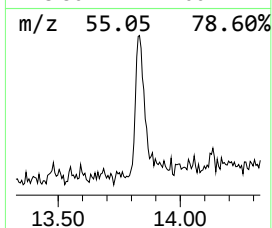
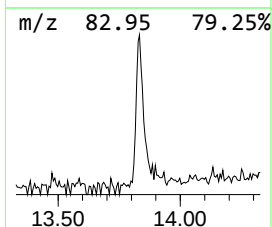
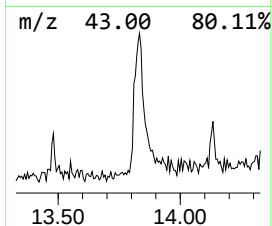
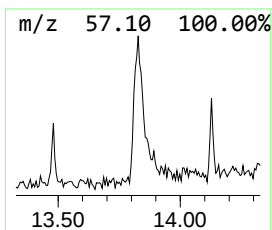
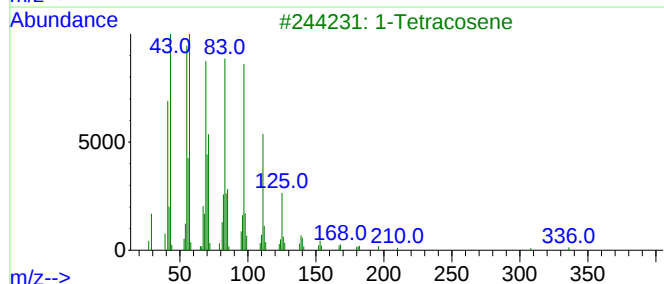
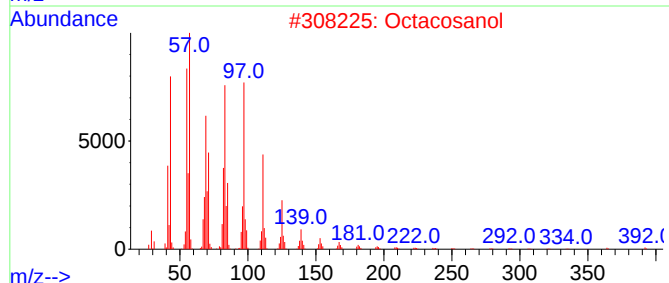
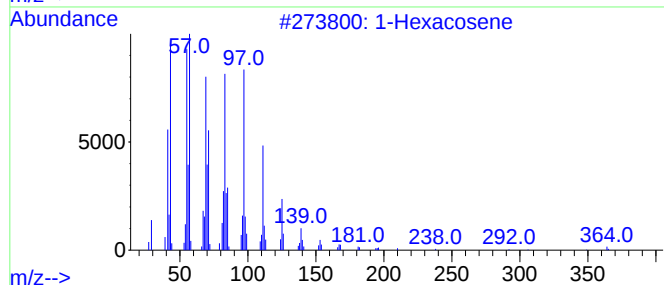
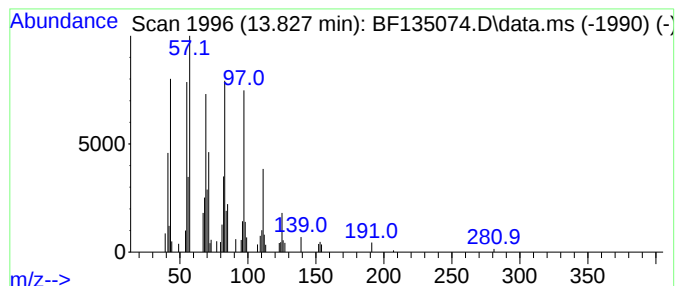
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Peak Number 3 1-Hexacosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.827	4.11 ng	115383	Chrysene-d12	13.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexacosene	364	C26H52	018835-33-1	95
2			Octacosanol	410	C28H58O	000557-61-9	95
3			1-Tetracosene	336	C24H48	010192-32-2	94
4			1-Heptacosanol	396	C27H56O	002004-39-9	94
5			n-Tetracosanol-1	354	C24H50O	000506-51-4	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.993	2.3	ng	63805	1	6.769	551727	20.0
n-Hexadecanoic ...	11.833	4.6	ng	136034	4	11.298	597196	20.0
1-Hexacosene	13.827	4.1	ng	115383	5	13.951	561650	20.0