

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
 Data File : BF128458.D
 Acq On : 25 May 2022 14:28
 Operator : CG\JU
 Sample : N2896-21
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P040-SS001-2430-01

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-BF052022.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128458.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.352	178	181	195	rBV	15236	51838	2.35%	0.334%
2	5.051	467	470	480	rBV	16726	24778	1.12%	0.160%
3	5.434	532	535	558	rBV	1961340	2108693	95.66%	13.603%
4	6.451	704	708	723	rBV	2121535	2123228	96.32%	13.697%
5	6.557	723	726	735	rVB	27083	31200	1.42%	0.201%
6	6.804	765	768	778	rBV	701520	612218	27.77%	3.949%
7	7.375	861	865	868	rBV	1449762	1418679	64.36%	9.152%
8	8.087	982	986	990	rBV	837602	768164	34.85%	4.955%
9	9.163	1164	1169	1172	rBV	2350283	2204305	100.00%	14.220%
10	9.434	1211	1215	1220	rBV	39451	33753	1.53%	0.218%
11	9.845	1280	1285	1289	rBV	1023890	820474	37.22%	5.293%
12	10.639	1416	1420	1429	rBV	1432779	1288699	58.46%	8.313%
13	11.339	1535	1539	1542	rBV	838131	737941	33.48%	4.760%
14	11.586	1574	1581	1596	rBV7	9270	31003	1.41%	0.200%
15	11.716	1600	1603	1607	rVB	117250	88396	4.01%	0.570%
16	11.857	1624	1627	1643	rBV2	51791	80665	3.66%	0.520%
17	12.422	1715	1723	1731	rBV	67549	67290	3.05%	0.434%
18	12.510	1735	1738	1742	rVB	37919	30993	1.41%	0.200%
19	12.922	1804	1808	1811	rBV	1819751	1557281	70.65%	10.046%
20	13.839	1960	1964	1978	rVB3	99339	249834	11.33%	1.612%
21	13.986	1985	1989	1993	rBV	617376	537923	24.40%	3.470%
22	14.074	1999	2004	2008	rBV	39354	44723	2.03%	0.289%
23	14.433	2062	2065	2069	rBV	21377	22883	1.04%	0.148%
24	14.733	2112	2116	2122	rBV5	16260	22419	1.02%	0.145%
25	15.457	2234	2239	2246	rVB	410784	544057	24.68%	3.510%

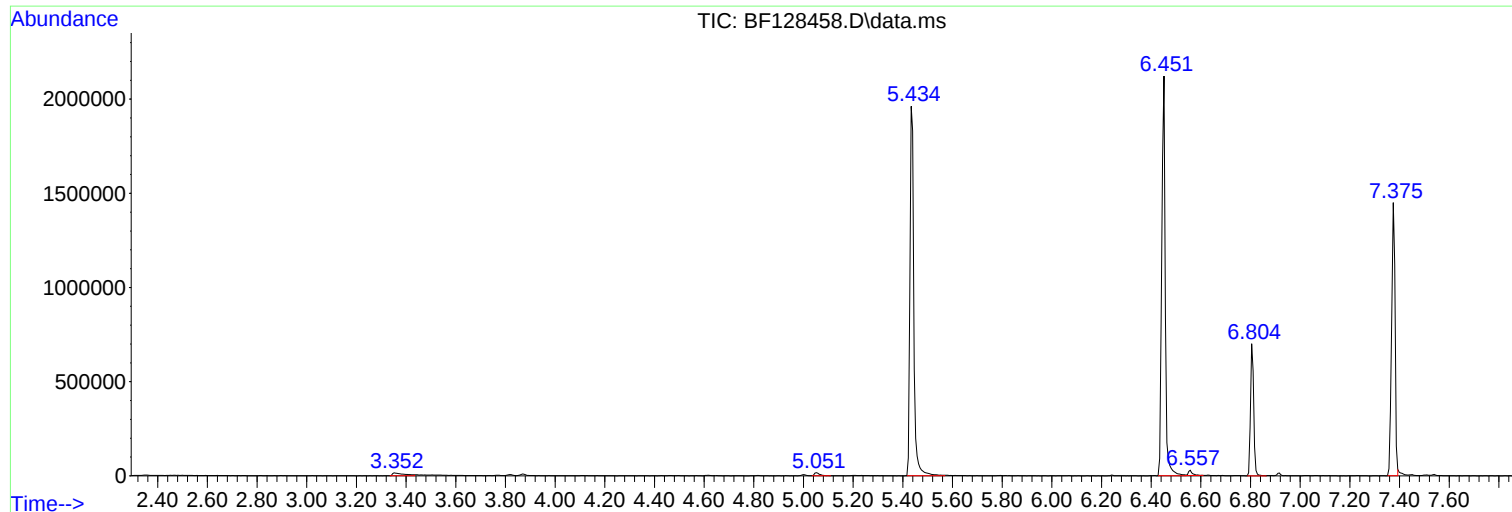
Sum of corrected areas: 15501437

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.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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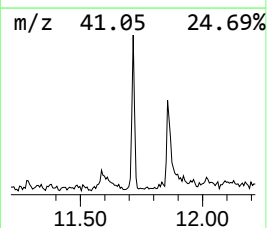
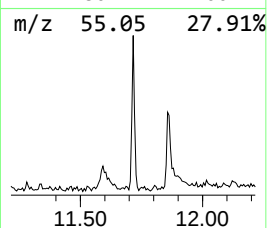
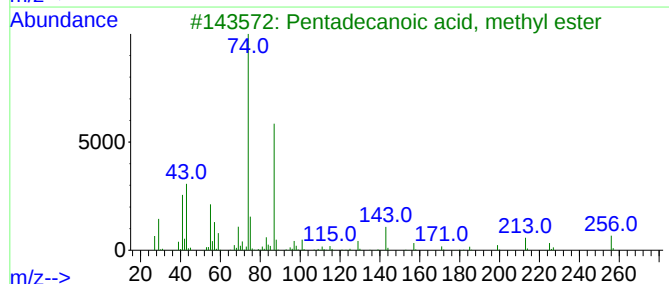
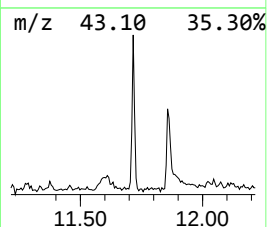
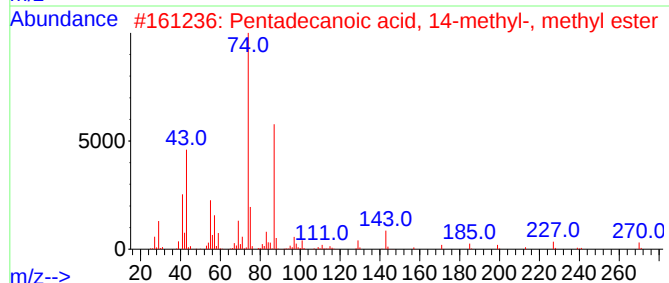
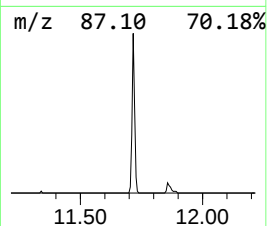
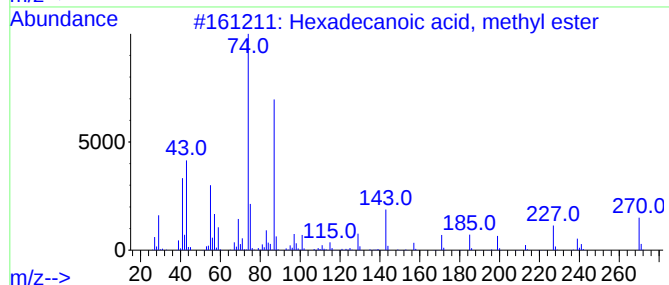
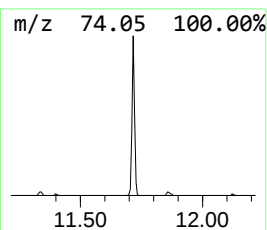
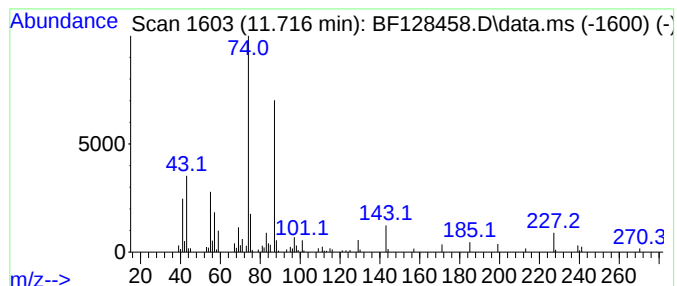
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.716	2.40 ng	88396	Phenanthrene-d10	11.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
3			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4			Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	86



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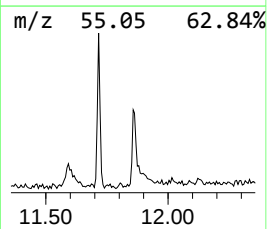
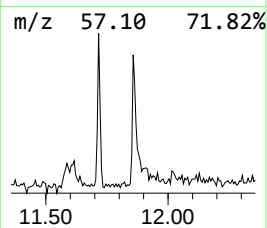
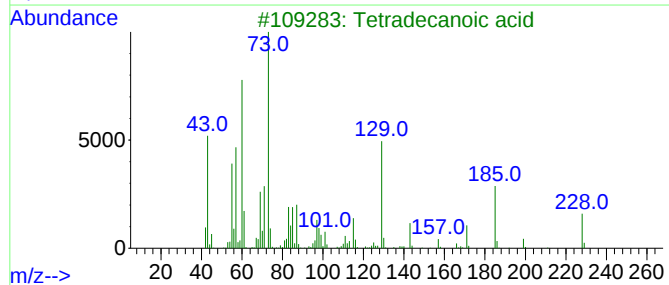
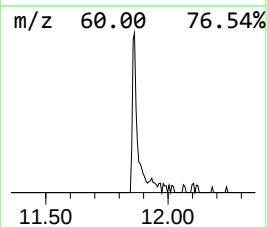
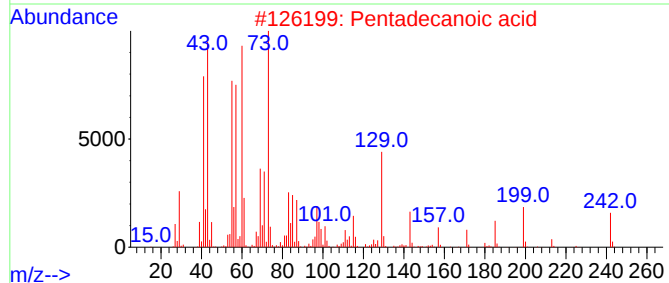
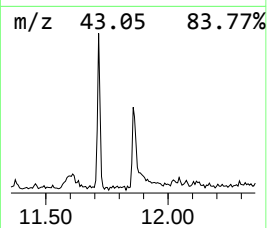
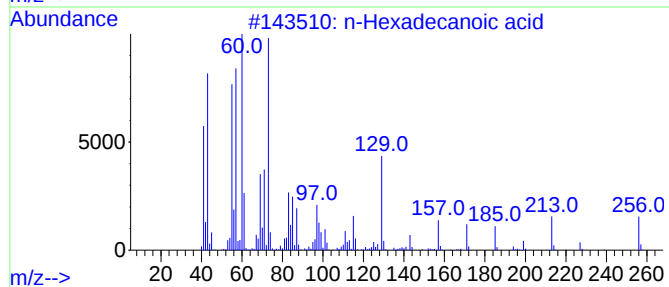
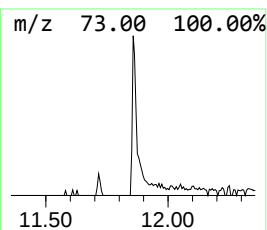
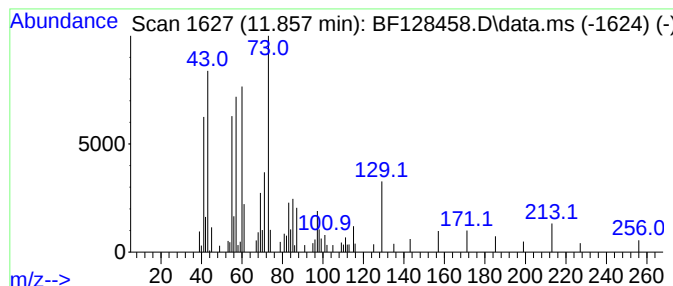
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	2.19 ng	80665	Phenanthrene-d10	11.339

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	87
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4			Tridecanoic acid	214	C13H26O2	000638-53-9	59
5			n-Decanoic acid	172	C10H20O2	000334-48-5	50



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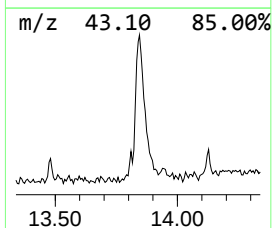
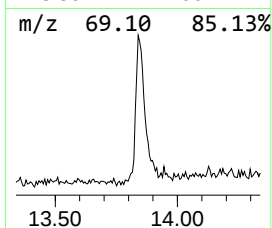
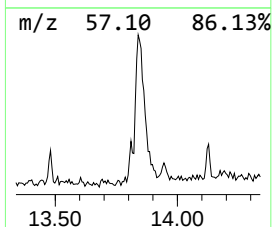
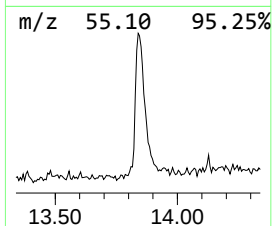
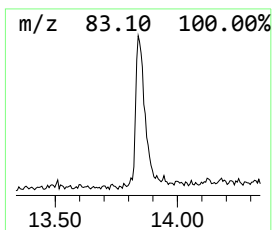
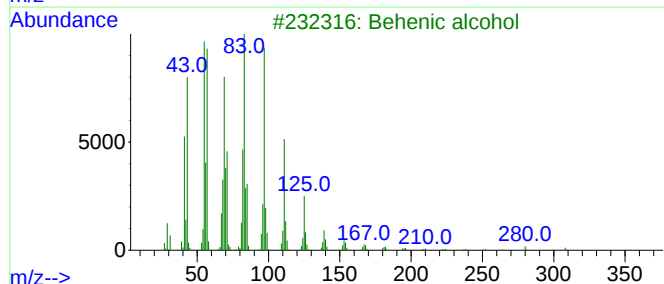
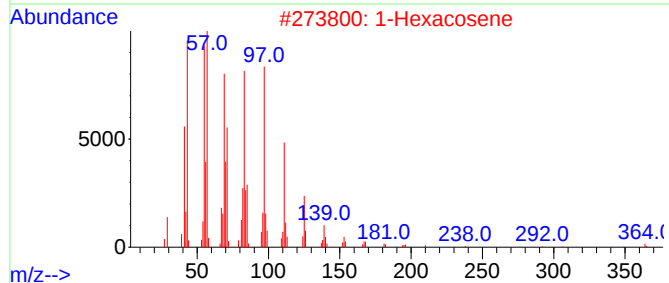
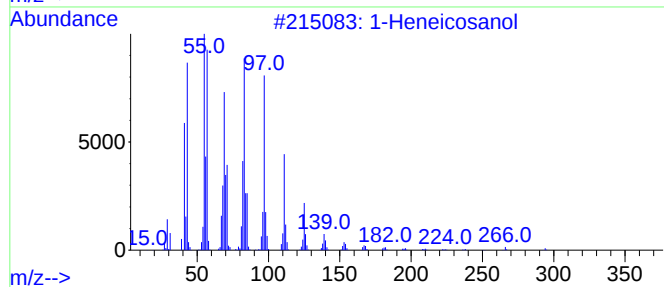
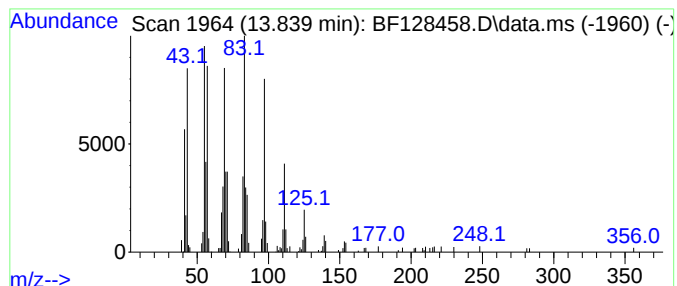
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Peak Number 3 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.839	9.29 ng	249834	Chrysene-d12	13.986

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	95
2			1-Hexacosene	364	C26H52	018835-33-1	94
3			Behenic alcohol	326	C22H46O	000661-19-8	93
4			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5			Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexadecanoic ac...	11.716	2.4	ng	88396	4	11.339	737941	20.0
n-Hexadecanoic ...	11.857	2.2	ng	80665	4	11.339	737941	20.0
1-Heneicosanol	13.839	9.3	ng	249834	5	13.986	537923	20.0