

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
 Data File : BM039570.D
 Acq On : 22 Apr 2023 02:30
 Operator : CG/JU
 Sample : 02393-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-229

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_M\Methods\8270-BM041723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039570.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.401	394	402	419	rBV	1079212	1738016	80.25%	8.209%
2	7.019	669	677	692	rBV	967283	1751346	80.86%	8.272%
3	7.825	807	814	825	rBV	671768	1079484	49.84%	5.099%
4	8.995	1006	1013	1035	rBV	513420	989689	45.70%	4.675%
5	10.636	1283	1292	1306	rBV	819822	1434908	66.25%	6.778%
6	12.448	1581	1600	1609	rBV2	37238	171662	7.93%	0.811%
7	13.107	1705	1712	1724	rBV	1184630	1851342	85.48%	8.745%
8	14.483	1940	1946	1953	rBV	1129002	1723710	79.59%	8.142%
9	14.548	1953	1957	1963	rVB	63307	100082	4.62%	0.473%
10	15.536	2121	2125	2134	rBV	56478	89522	4.13%	0.423%
11	15.848	2174	2178	2183	rVB2	81178	116375	5.37%	0.550%
12	15.983	2196	2201	2207	rBV	1154809	1699020	78.45%	8.025%
13	17.242	2409	2415	2419	rBV	1329178	1972358	91.07%	9.316%
14	17.283	2419	2422	2432	rVB	505829	705726	32.58%	3.333%
15	17.371	2433	2437	2443	rVV	252329	370085	17.09%	1.748%
16	18.142	2564	2568	2571	rBV	268477	413093	19.07%	1.951%
17	19.306	2761	2766	2773	rBV	1139857	1830079	84.50%	8.644%
18	19.665	2824	2827	2830	rBV	758002	969126	44.75%	4.578%
19	19.865	2857	2861	2866	rBV	1668327	2165810	100.00%	10.230%

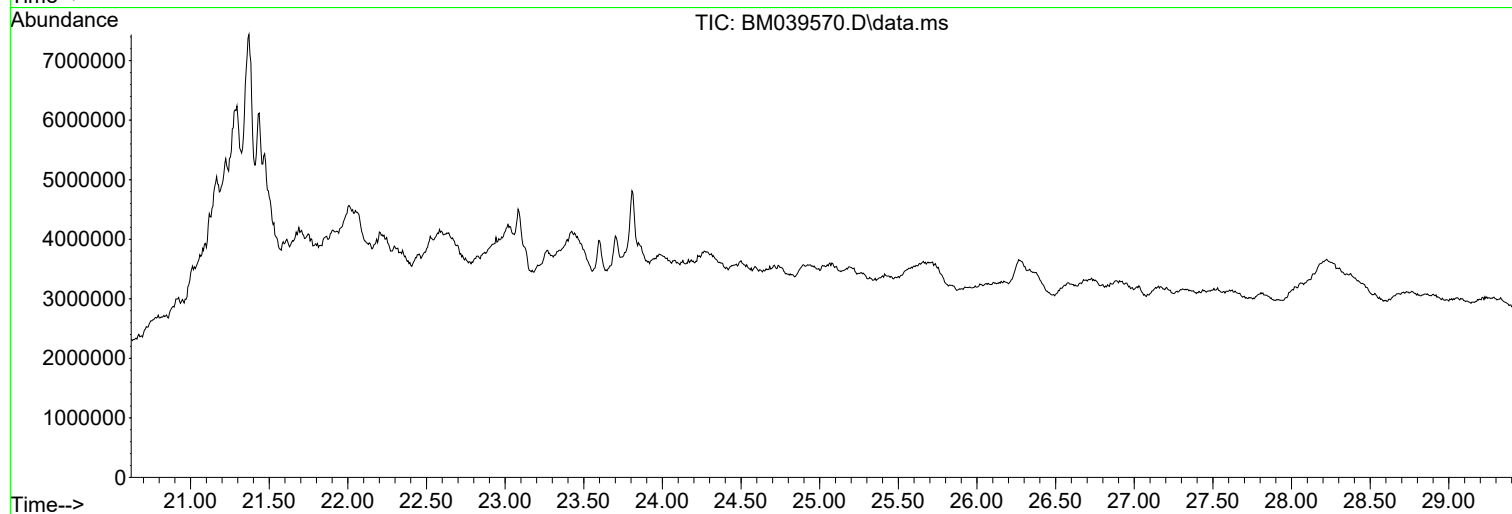
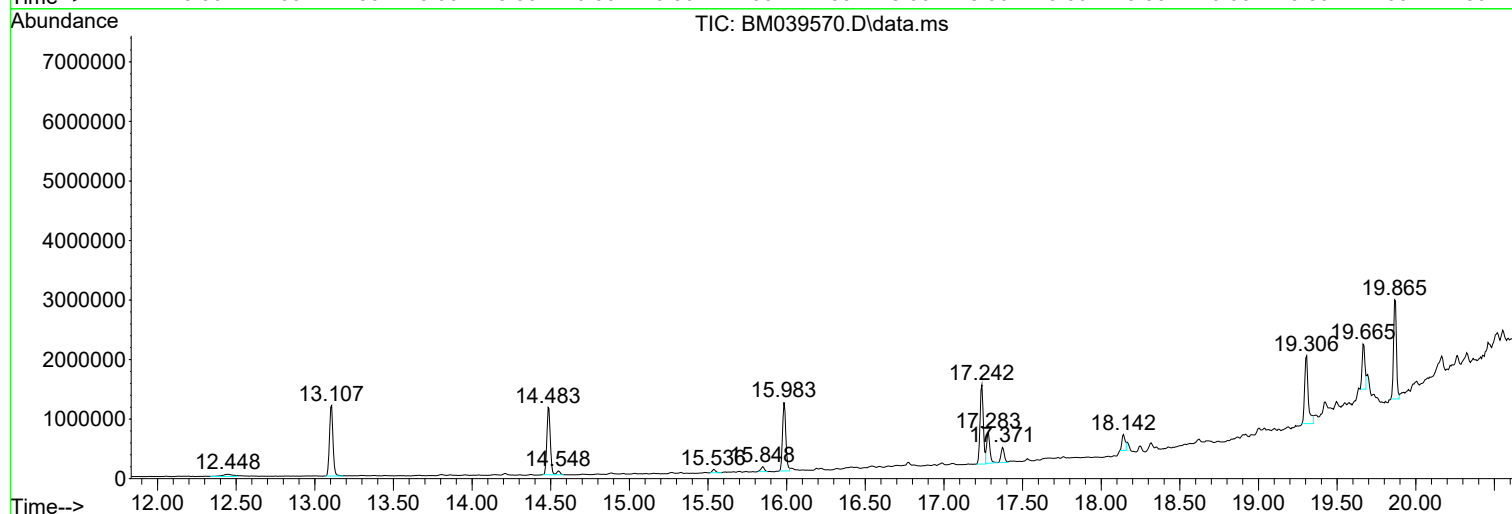
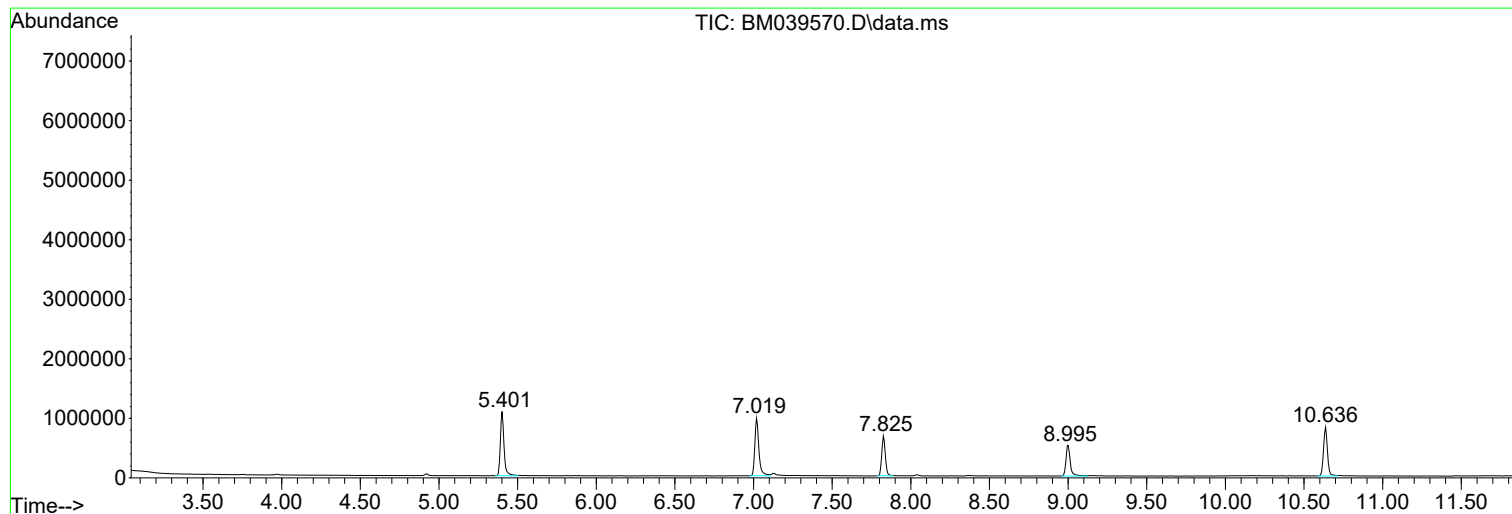
Sum of corrected areas: 21171433

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



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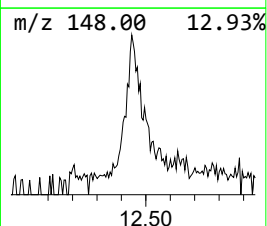
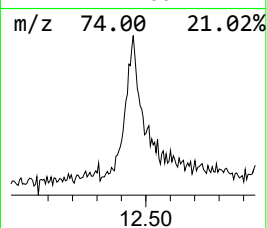
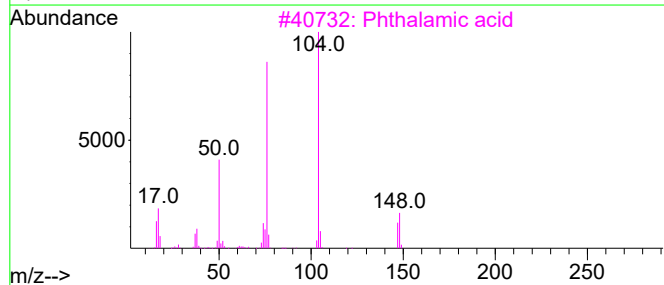
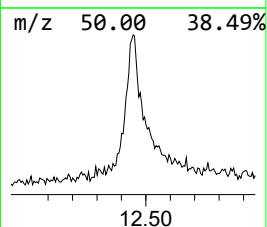
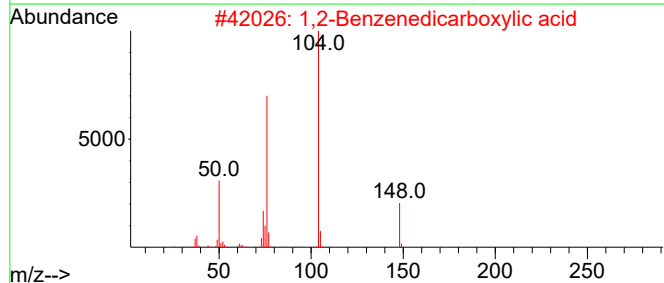
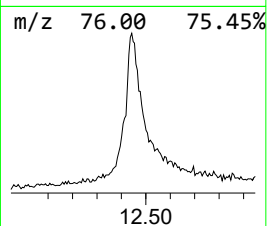
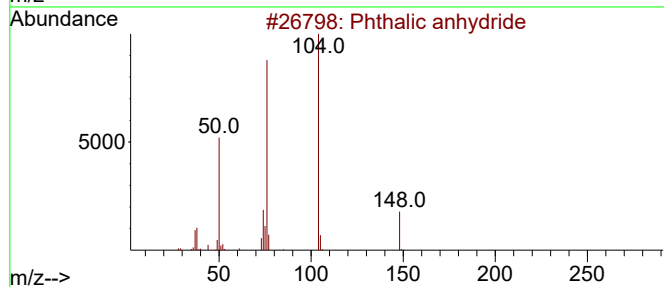
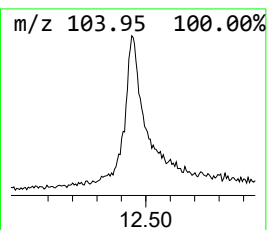
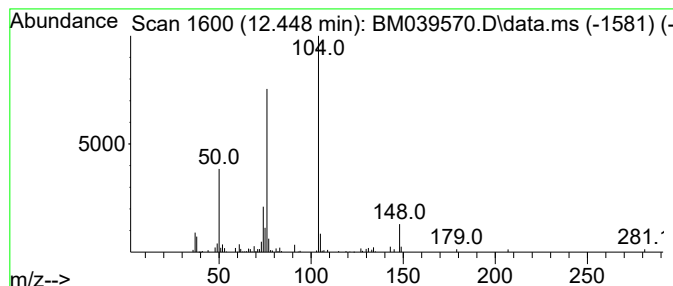
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Phthalic anhydride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.448	2.39 ng	171662	Naphthalene-d8	10.636

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic anhydride	148	C8H4O3	000085-44-9	97
2			1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	86
3			Phthalamic acid	165	C8H7NO3	000088-97-1	83
4			Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	83
5			Spiro[indene-2,2'-[1,3]oxathiola...	234	C11H6O4S	1000444-41-9	78



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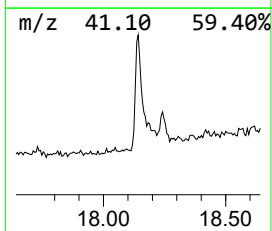
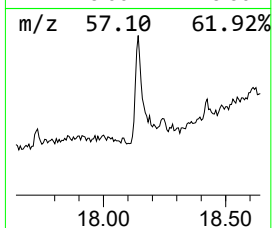
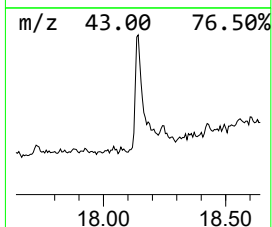
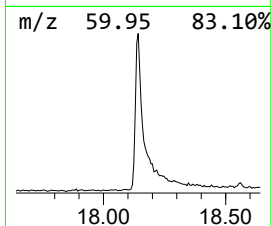
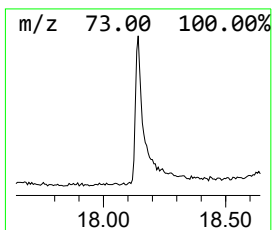
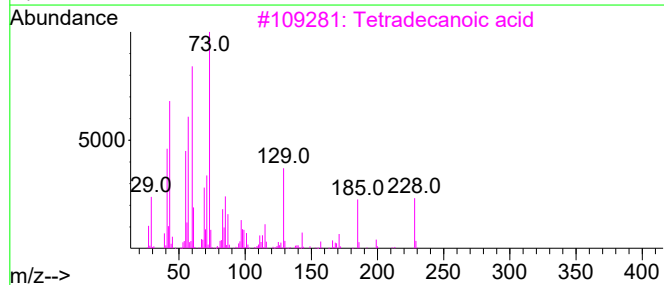
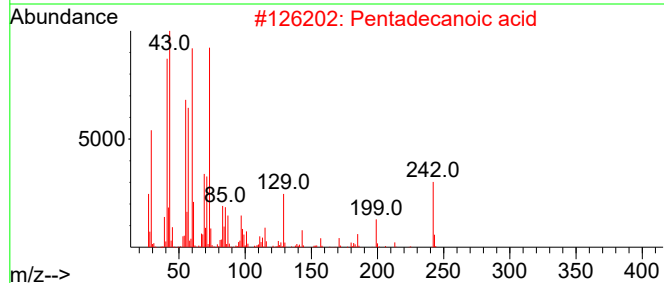
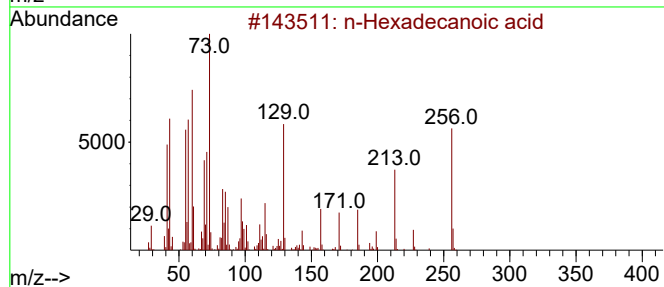
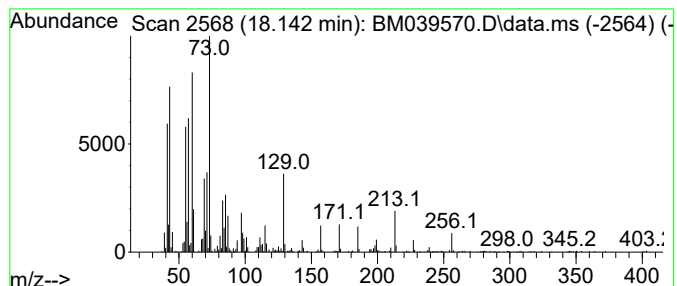
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.142	4.19 ng	413093	Phenanthrene-d10	17.242

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	91
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4			Dodecanoic acid	200	C12H24O2	000143-07-7	76
5			Tridecanoic acid	214	C13H26O2	000638-53-9	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phthalic anhydride	12.448	2.4	ng	171662	2	10.636	1434910	20.0
n-Hexadecanoic ...	18.142	4.2	ng	413093	4	17.242	1972360	20.0