

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
 Data File : BG057608.D
 Acq On : 30 May 2023 16:08
 Operator : CG/JU
 Sample : 02955-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP07

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_G\Methods\8270-BG052723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057608.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.861	389	395	406	rBV	123621	204768	10.36%	3.195%
2	7.488	666	672	683	rBV	79895	146482	7.41%	2.285%
3	8.340	809	817	826	rBV2	61189	98688	4.99%	1.540%
4	9.521	1010	1018	1026	rBV	189965	333736	16.88%	5.207%
5	11.177	1292	1300	1307	rBV	79882	141727	7.17%	2.211%
6	13.580	1702	1709	1718	rVB	572557	874761	44.26%	13.648%
7	14.954	1938	1943	1950	rVB	138133	219822	11.12%	3.430%
8	16.294	2164	2171	2182	rVB	85870	123567	6.25%	1.928%
9	16.441	2190	2196	2208	rBV	577009	868993	43.97%	13.558%
10	16.858	2262	2267	2273	rVB	13700	21482	1.09%	0.335%
11	17.698	2403	2410	2418	rBV	242844	366162	18.53%	5.713%
12	18.532	2547	2552	2559	rBV2	43669	72279	3.66%	1.128%
13	19.783	2761	2765	2774	rBV4	21525	34938	1.77%	0.545%
14	20.265	2841	2847	2854	rBV	1587122	1976537	100.00%	30.839%
15	21.563	3064	3068	3072	rBV7	13319	21296	1.08%	0.332%
16	21.998	3136	3142	3150	rVB2	251672	438728	22.20%	6.845%
17	25.487	3726	3736	3748	rBV2	142662	465306	23.54%	7.260%

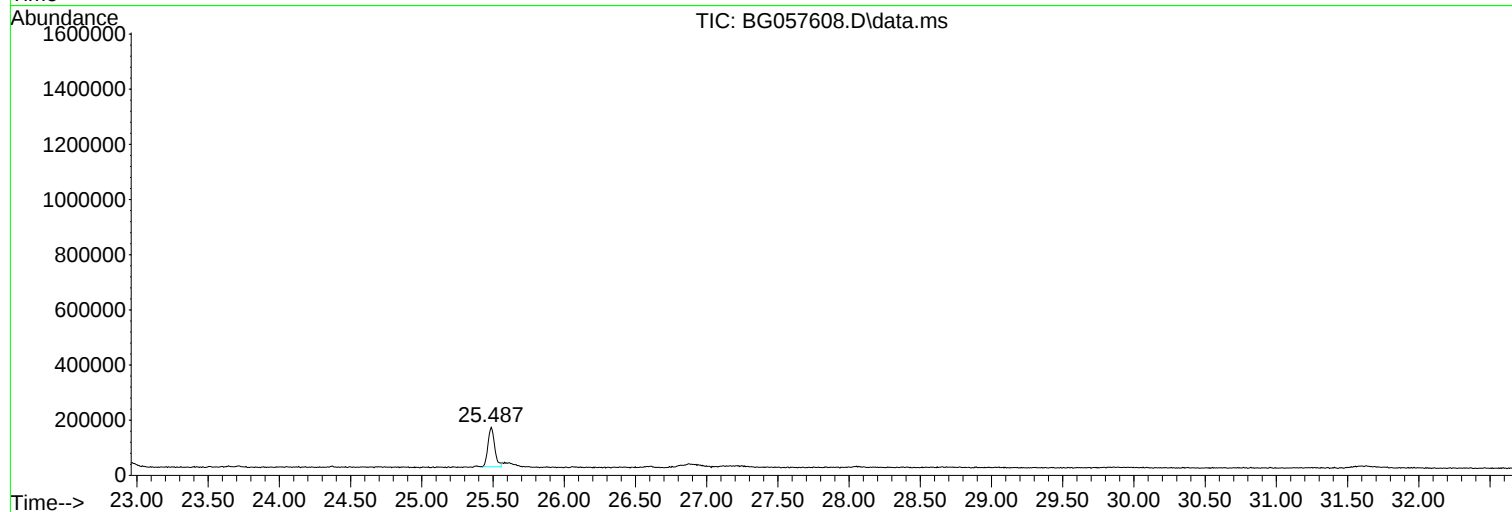
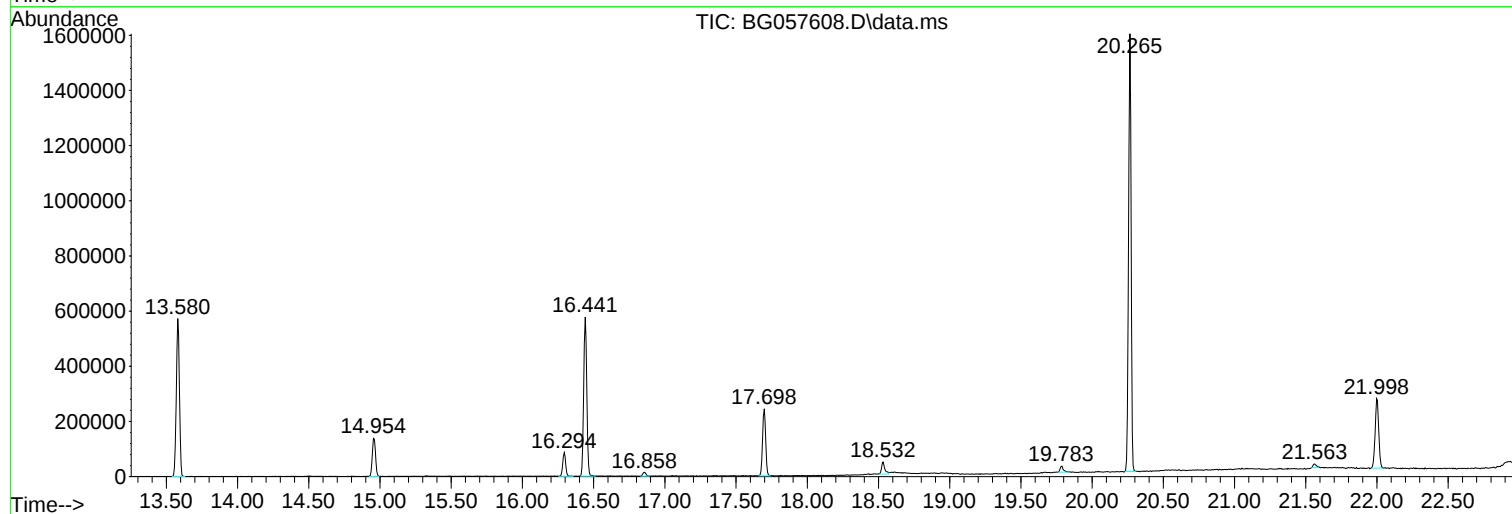
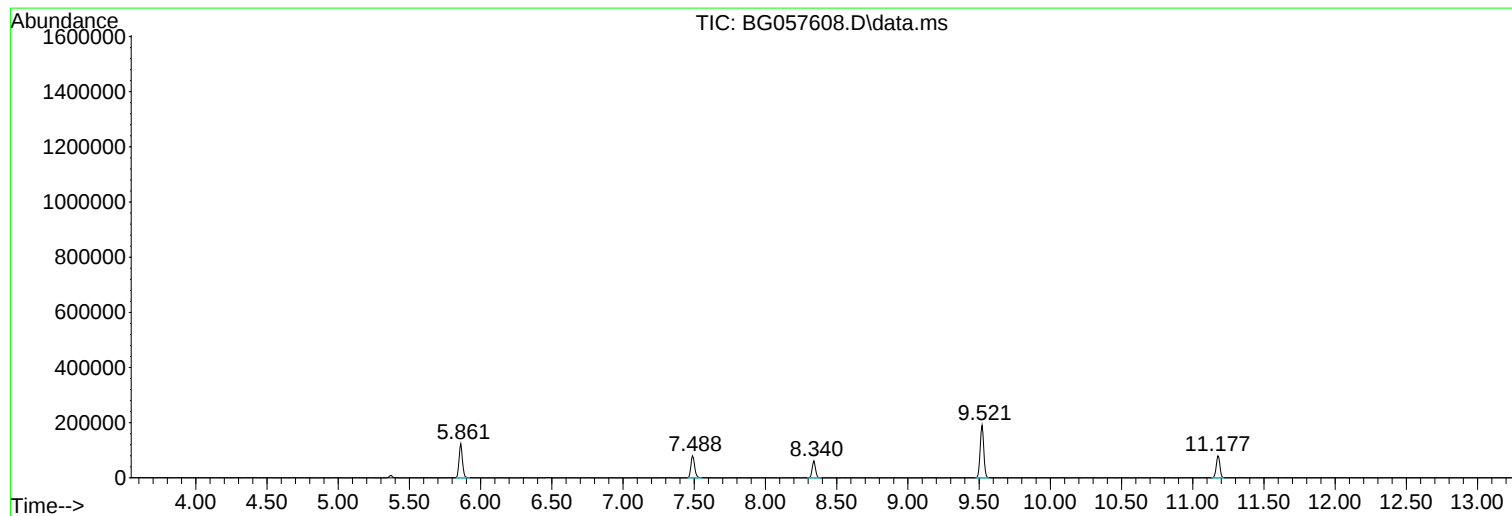
Sum of corrected areas: 6409272

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.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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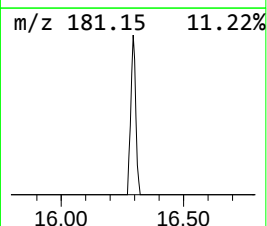
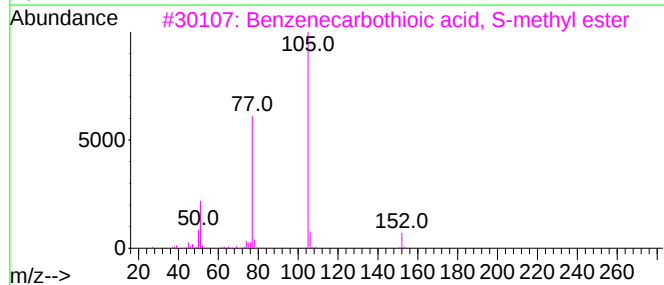
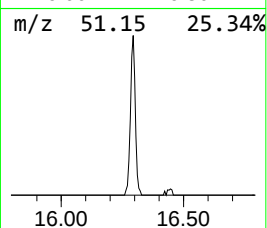
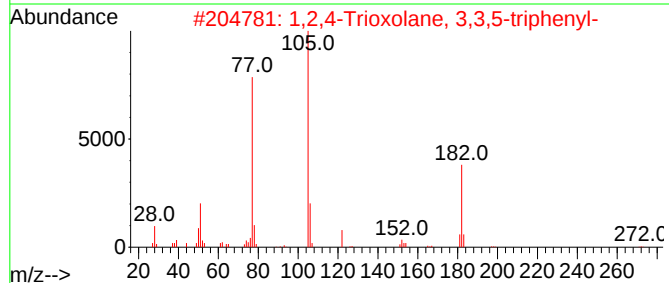
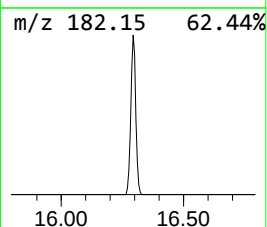
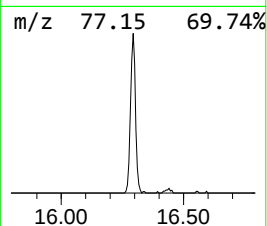
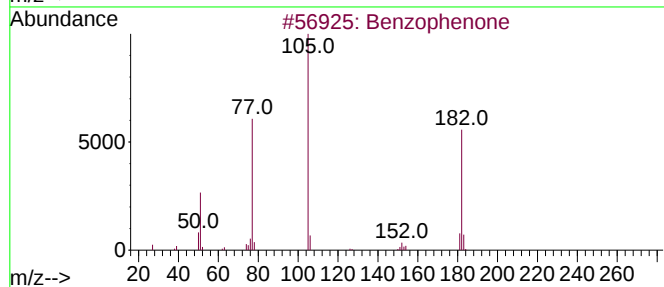
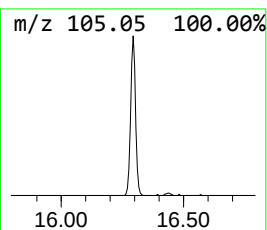
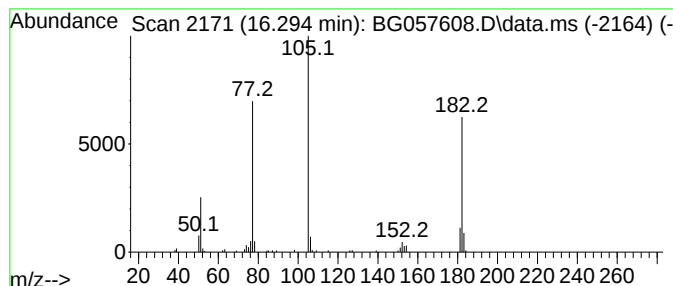
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.294	11.24 ng	123567	Acenaphthene-d10	14.954

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	83
3			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
4			Azobenzene	182	C12H10N2	000103-33-3	47
5			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47



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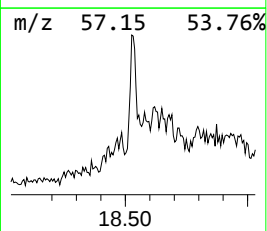
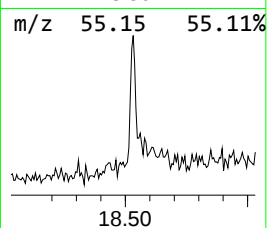
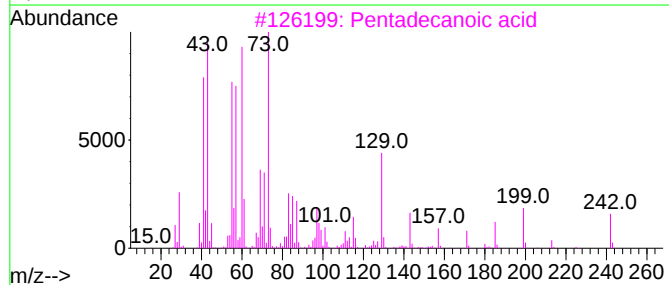
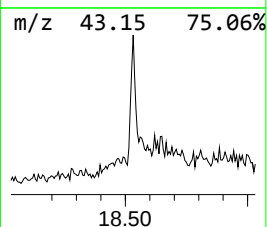
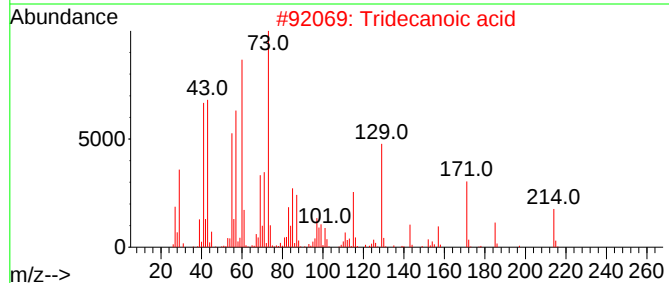
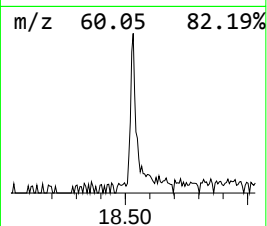
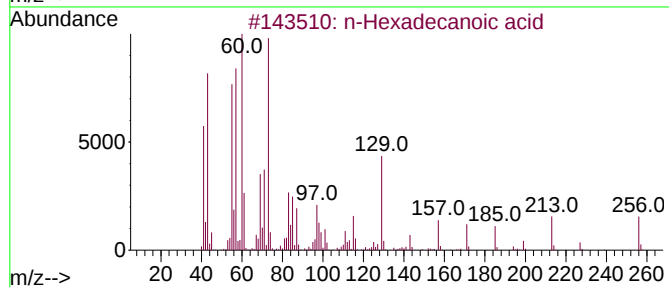
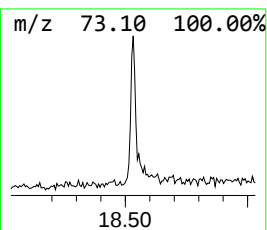
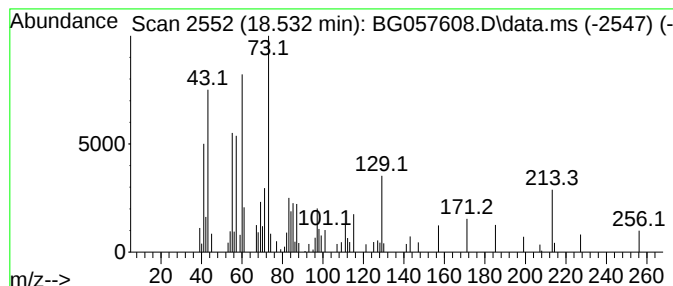
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TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.532	3.95 ng	72279	Phenanthrene-d10	17.698

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	95
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			Dodecanoic acid	200	C12H24O2	000143-07-7	53



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	16.294	11.2	ng	123567	3	14.954	219822	20.0
n-Hexadecanoic ...	18.532	4.0	ng	72279	4	17.698	366162	20.0