

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
 Data File : BG064633.D
 Acq On : 29 Oct 2025 21:40
 Operator : RC/JU
 Sample : Q3468-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-13

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-BG102425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064633.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.199	10	19	27	rBV2	65921	153307	4.45%	1.037%
2	3.275	27	32	54	rVB	1895146	3108490	90.22%	21.017%
3	5.743	447	452	462	rVB	314589	510493	14.82%	3.452%
4	7.347	719	725	733	rVB	208947	351716	10.21%	2.378%
5	8.217	865	873	879	rBV	116948	196001	5.69%	1.325%
6	9.380	1056	1071	1083	rBV	420082	773149	22.44%	5.227%
7	11.043	1345	1354	1361	rBV	153758	280068	8.13%	1.894%
8	13.469	1760	1767	1775	rVB	1077105	1692833	49.13%	11.446%
9	14.838	1993	2000	2006	rVB	246182	387587	11.25%	2.621%
10	16.178	2223	2228	2234	rBV	51302	74404	2.16%	0.503%
11	16.313	2244	2251	2267	rBV	1084807	1618499	46.98%	10.943%
12	17.570	2459	2465	2473	rVB2	333748	525278	15.25%	3.551%
13	18.446	2609	2614	2620	rBV	85276	123615	3.59%	0.836%
14	19.709	2824	2829	2836	rBV	46237	68487	1.99%	0.463%
15	20.167	2900	2907	2914	rBV	2557533	3445399	100.00%	23.295%
16	21.848	3186	3193	3201	rVB	423730	716626	20.80%	4.845%
17	25.185	3750	3761	3773	rBV	263141	764384	22.19%	5.168%

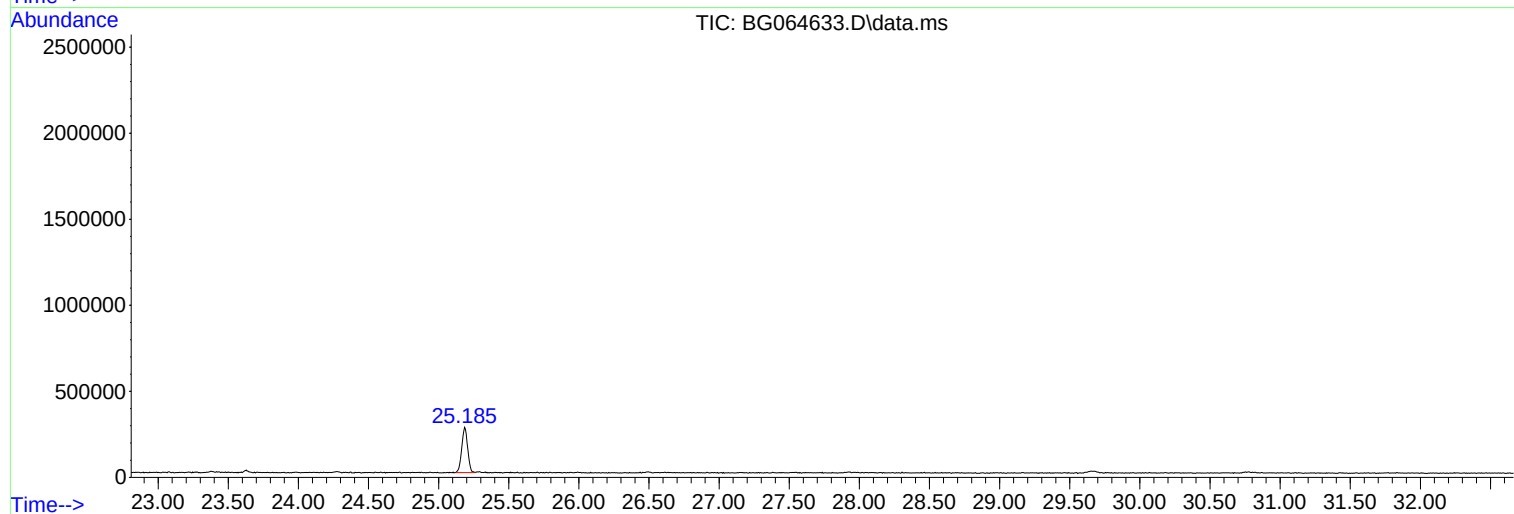
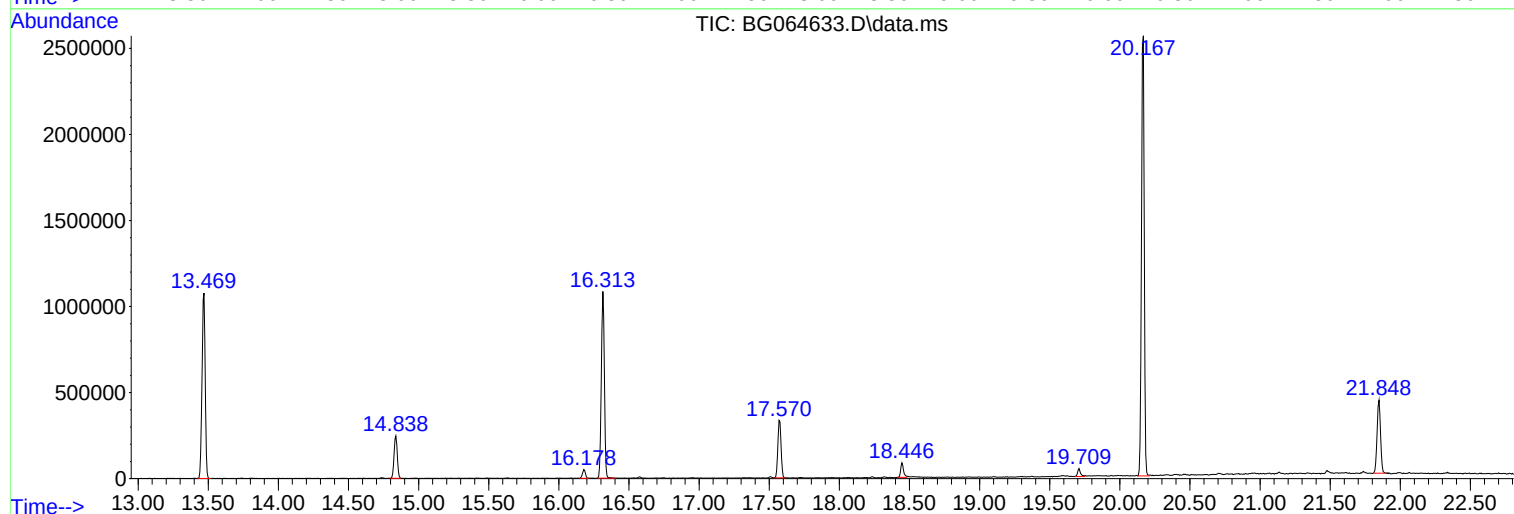
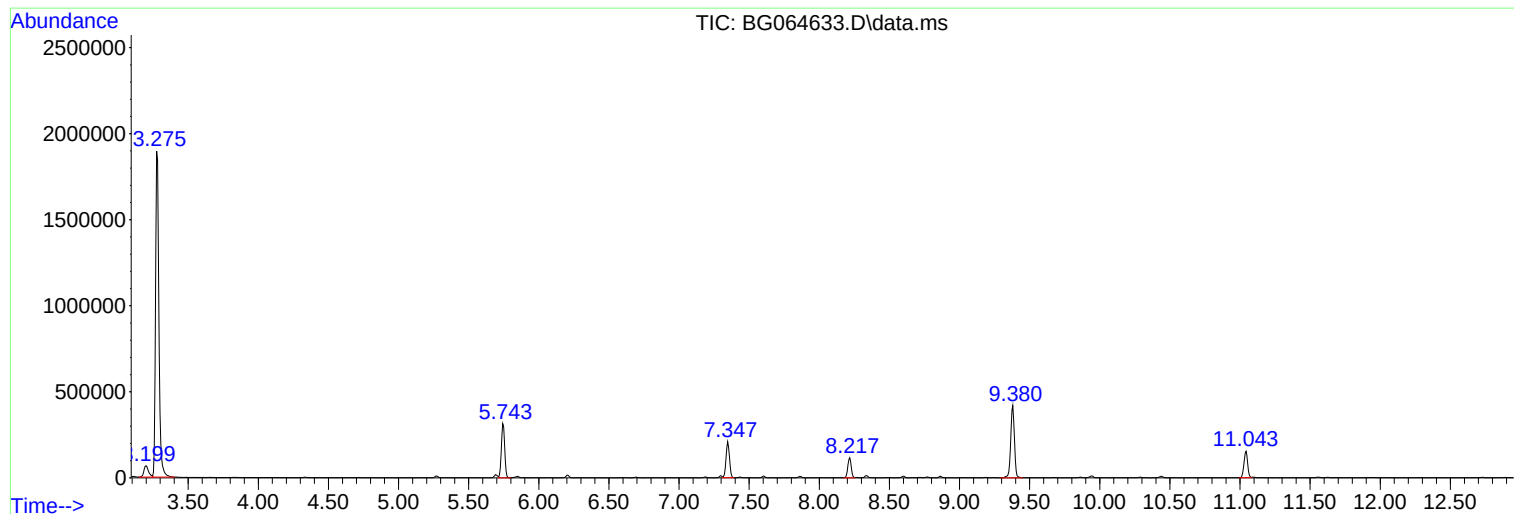
Sum of corrected areas: 14790336

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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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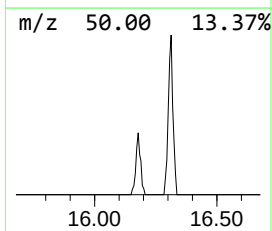
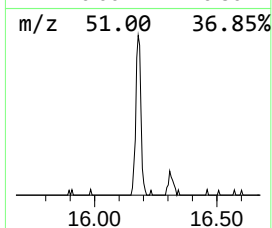
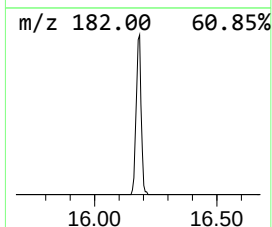
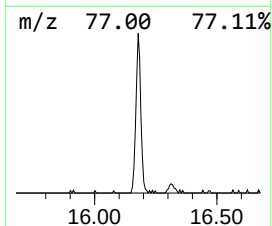
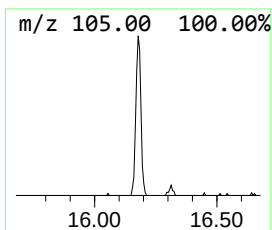
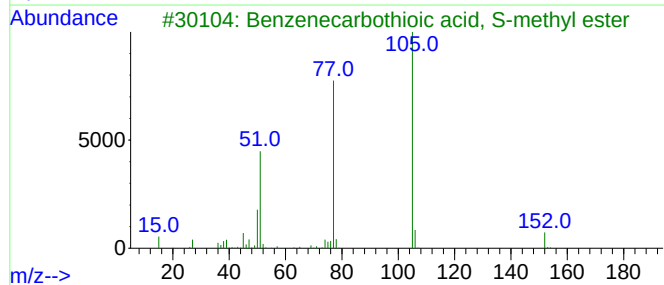
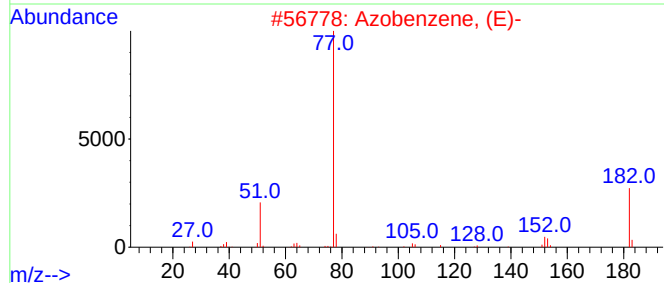
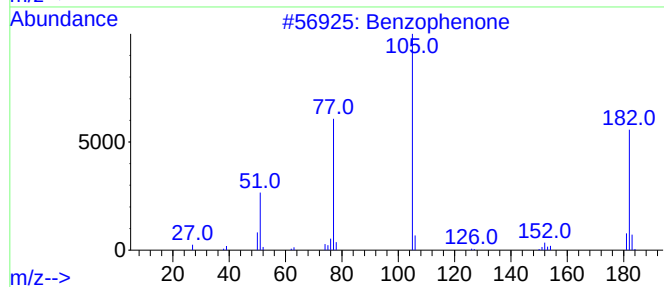
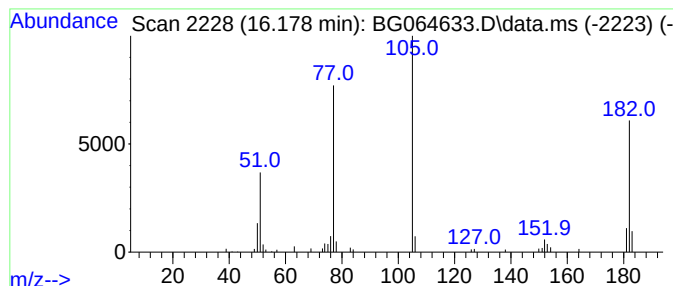
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.178	3.84 ng	74404	Acenaphthene-d10	14.838

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Azobenzene, (E)-	182	C12H10N2	017082-12-1	72
3			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	58
4			Benzoylformic acid	150	C8H6O3	000611-73-4	53
5			Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	50



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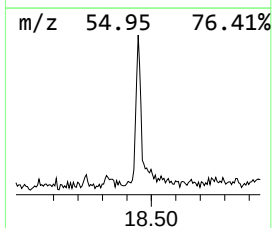
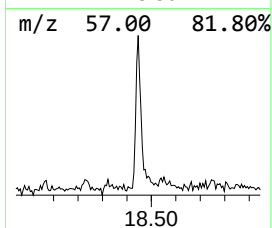
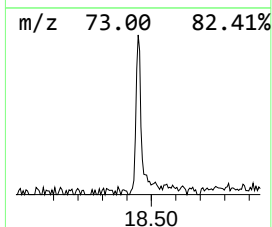
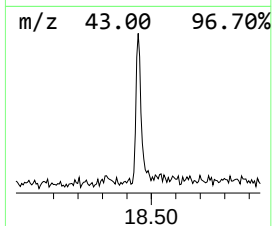
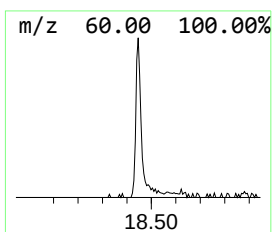
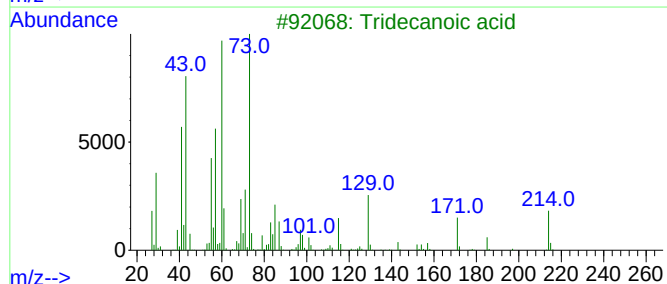
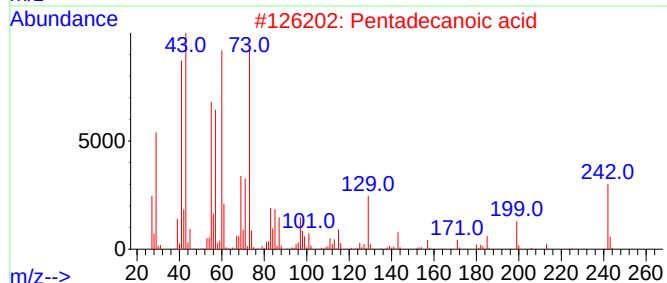
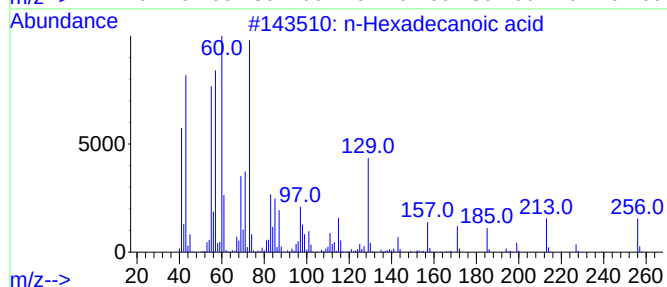
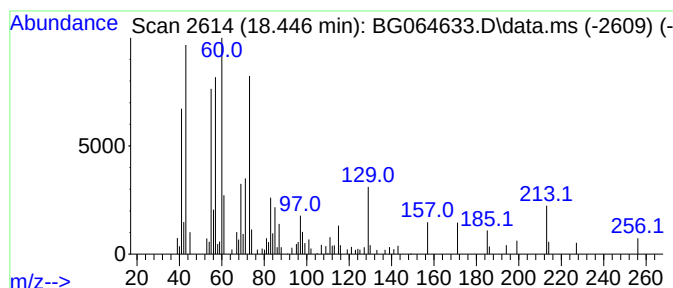
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.446	4.71 ng	123615	Phenanthrene-d10	17.570

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3		Tridecanoic acid	214	C13H26O2	000638-53-9	64
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Undecanoic acid	186	C11H22O2	000112-37-8	58



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	16.178	3.8	ng	74404	3	14.838	387587	20.0
n-Hexadecanoic ...	18.446	4.7	ng	123615	4	17.570	525278	20.0