

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
 Data File : BG064590.D
 Acq On : 27 Oct 2025 16:44
 Operator : RC/JU
 Sample : Q3439-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-10

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: BG064590.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.197	13	18	26	rBV3	30250	63893	2.63%	0.572%
2	3.279	27	32	47	rVB	466539	726511	29.93%	6.502%
3	5.747	444	452	460	rBV	464779	743063	30.61%	6.651%
4	7.351	717	725	735	rBV	489360	858795	35.37%	7.686%
5	8.215	866	872	880	rVB	118755	206284	8.50%	1.846%
6	9.378	1062	1070	1078	rBV	261342	461928	19.03%	4.134%
7	11.041	1346	1353	1364	rVB	163256	294525	12.13%	2.636%
8	13.467	1759	1766	1773	rBV	805922	1260628	51.93%	11.283%
9	14.836	1993	1999	2008	rVB	293131	460582	18.97%	4.122%
10	16.182	2222	2228	2235	rBV	122206	170739	7.03%	1.528%
11	16.317	2244	2251	2264	rBV	740682	1098545	45.25%	9.832%
12	17.574	2458	2465	2472	rBV2	428724	641635	26.43%	5.743%
13	18.450	2609	2614	2624	rBV	83019	136020	5.60%	1.217%
14	20.165	2900	2906	2914	rBV	1915885	2427696	100.00%	21.728%
15	21.487	3125	3131	3140	rBV3	61098	112154	4.62%	1.004%
16	21.852	3186	3193	3201	rBV2	439056	747287	30.78%	6.688%
17	25.189	3749	3761	3773	rBV2	253329	762715	31.42%	6.826%

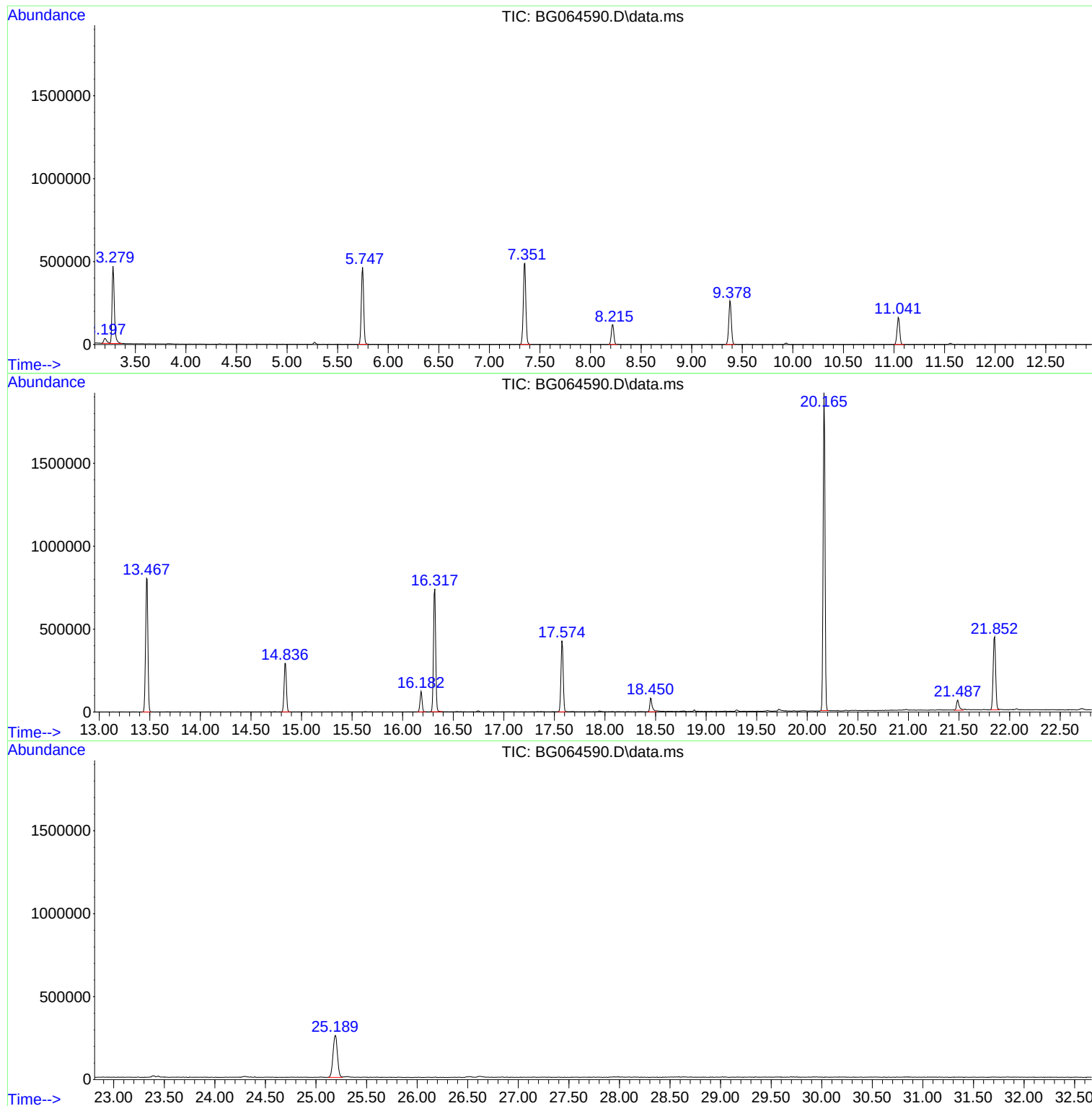
Sum of corrected areas: 11173000

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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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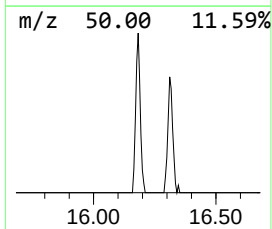
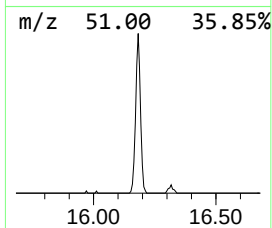
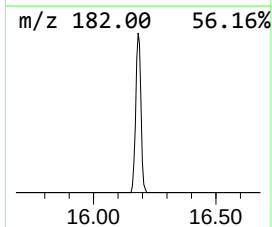
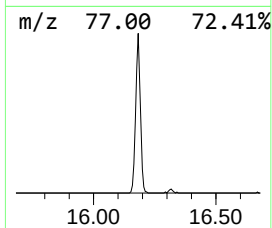
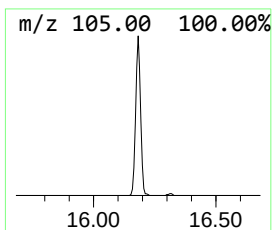
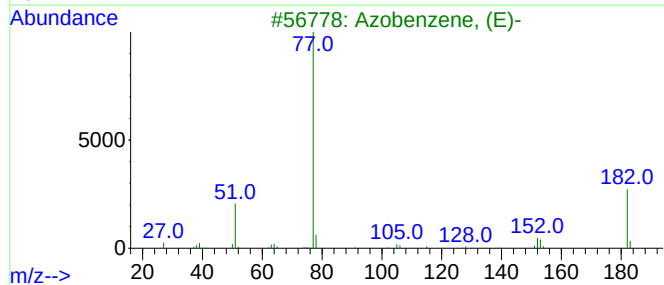
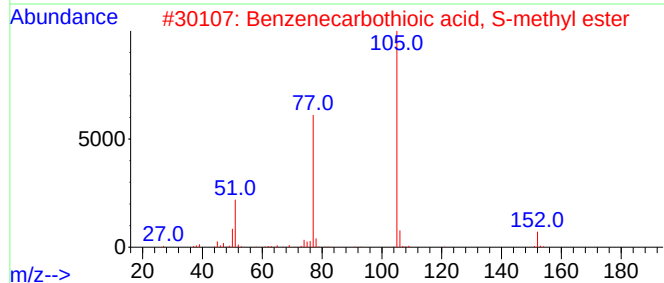
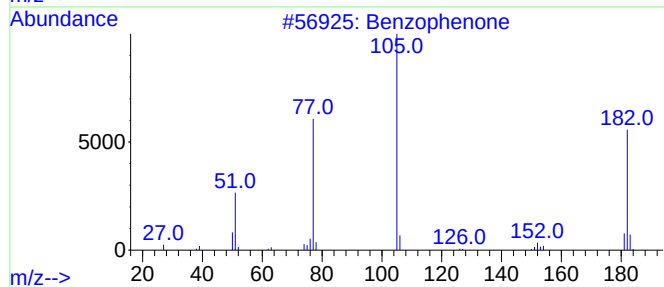
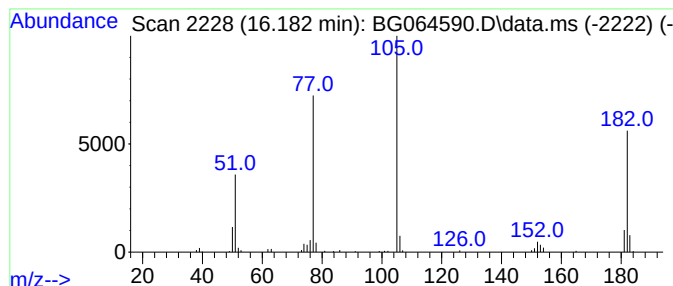
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.182	7.41 ng	170739	Acenaphthene-d10	14.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	58
3			Azobenzene, (E)-	182	C12H10N2	017082-12-1	53
4			1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47
5			Benzoylformic acid	150	C8H6O3	000611-73-4	47



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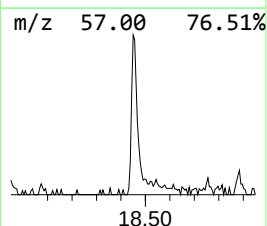
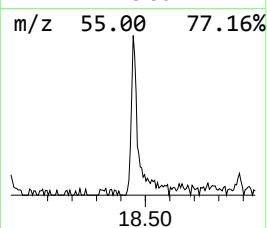
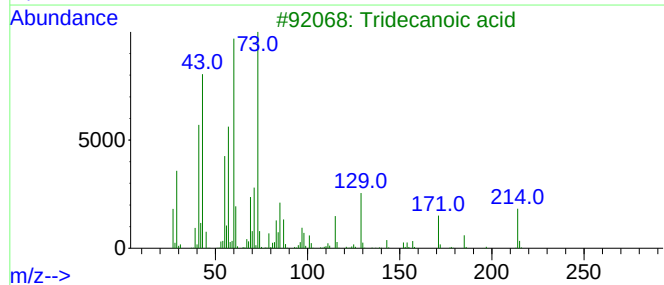
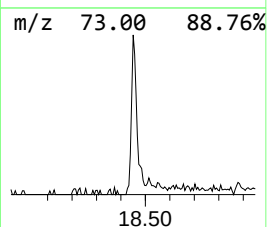
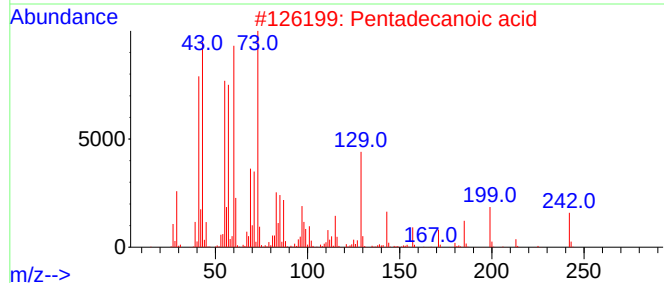
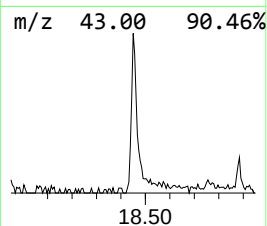
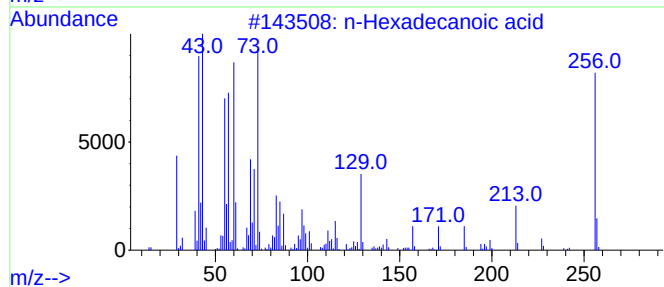
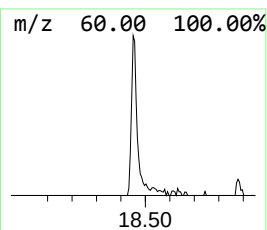
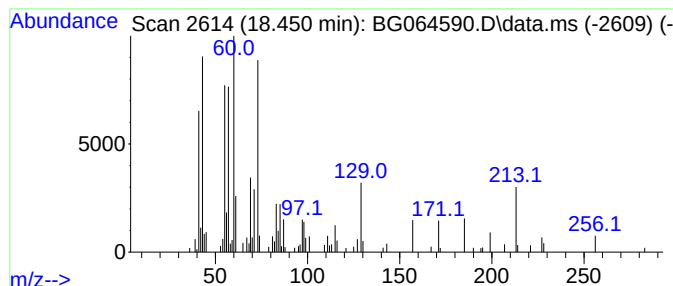
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.450	4.24 ng	136020	Phenanthrene-d10	17.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3			Tridecanoic acid	214	C13H26O2	000638-53-9	64
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			n-Decanoic acid	172	C10H20O2	000334-48-5	49



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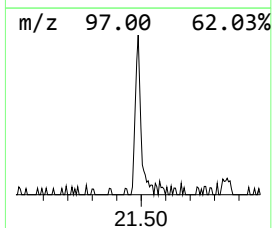
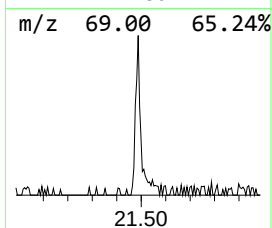
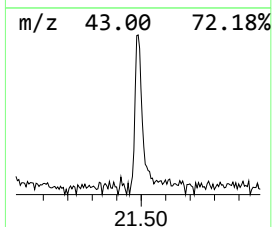
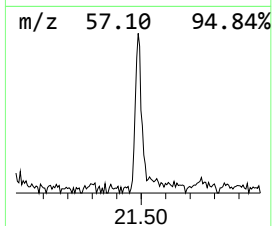
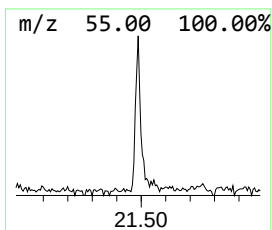
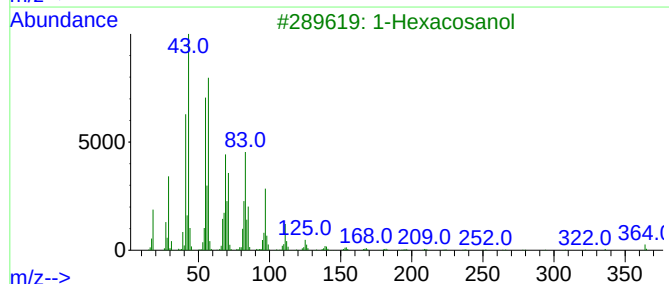
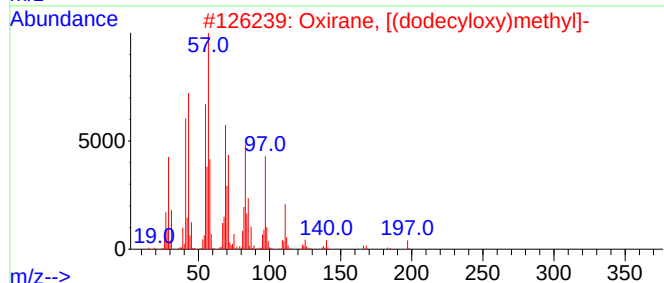
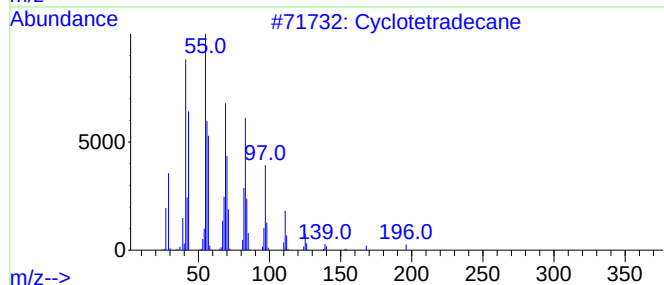
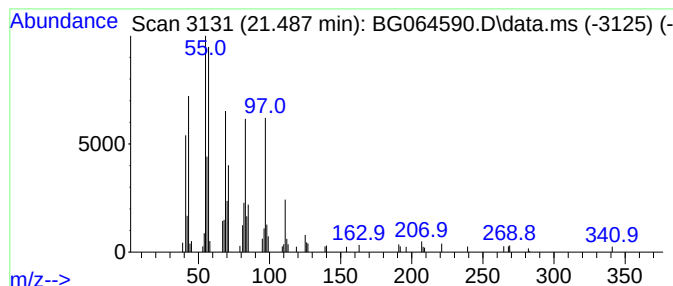
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Peak Number 5 Cyclotetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.487	3.00 ng	112154	Chrysene-d12	21.852

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetradecane	196	C14H28	000295-17-0	90
2			Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	90
3			1-Hexacosanol	382	C26H54O	000506-52-5	87
4			n-Tetracosanol-1	354	C24H50O	000506-51-4	87
5			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	16.182	7.4	ng	170739	3	14.842	460582	20.0
n-Hexadecanoic ...	18.450	4.2	ng	136020	4	17.574	641635	20.0
Cyclotetradecane	21.487	3.0	ng	112154	5	21.852	747287	20.0