LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064660.D
Acq On : 31 Oct 2025 17:35
Operator : RC/JU
Sample : Q3477-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOUTH-MAHWAH-WATER

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: BG064660.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.205	12	20	28	rBV	56604	125157	3.52%	0.831%
2	3.281	28	33	59	rVB	1441300	2429261	68.24%	16.127%
3	5.749	446	453	464	rBV	279266	448744	12.61%	2.979%
4	7.353	719	726	736	rBV	189688	327896	9.21%	2.177%
5	8.222	866	874	881	rBV	141383	240611	6.76%	1.597%
6	9.386	1063	1072	1079	rBV	388682	708988	19.92%	4.707%
7	11.043	1347	1354	1363	rVB	186952	346634	9.74%	2.301%
8	13.469	1760	1767	1774	rBV	1147421	1799775	50.56%	11.948%
9	13.734	1805	1812	1819	rVB	59665	89644	2.52%	0.595%
10	14.844	1992	2001	2010	rVB	332900	534663	15.02%	3.549%
11	16.319	2245	2252	2263	rBV2	1240134	1857310	52.18%	12.330%
12	17.576	2460	2466	2476	rVB	431236	672386	18.89%	4.464%
13	18.446	2608	2614	2621	rBV	58884	93136	2.62%	0.618%
14	19.597	2802	2810	2821	rBV	83195	150948	4.24%	1.002%
15	19.709	2825	2829	2835	rBV3	48446	65472	1.84%	0.435%
16	20.062	2885	2889	2892	rBV	29320	37595	1.06%	0.250%
17	20.167	2901	2907	2915	rBV	2760829	3559631	100.00%	23.631%
18	21.854	3187	3194	3201	rBV	455447	767658	21.57%	5.096%
19	25.197	3752	3763	3774	rBV	269052	807915	22.70%	5.363%

Sum of corrected areas: 15063424

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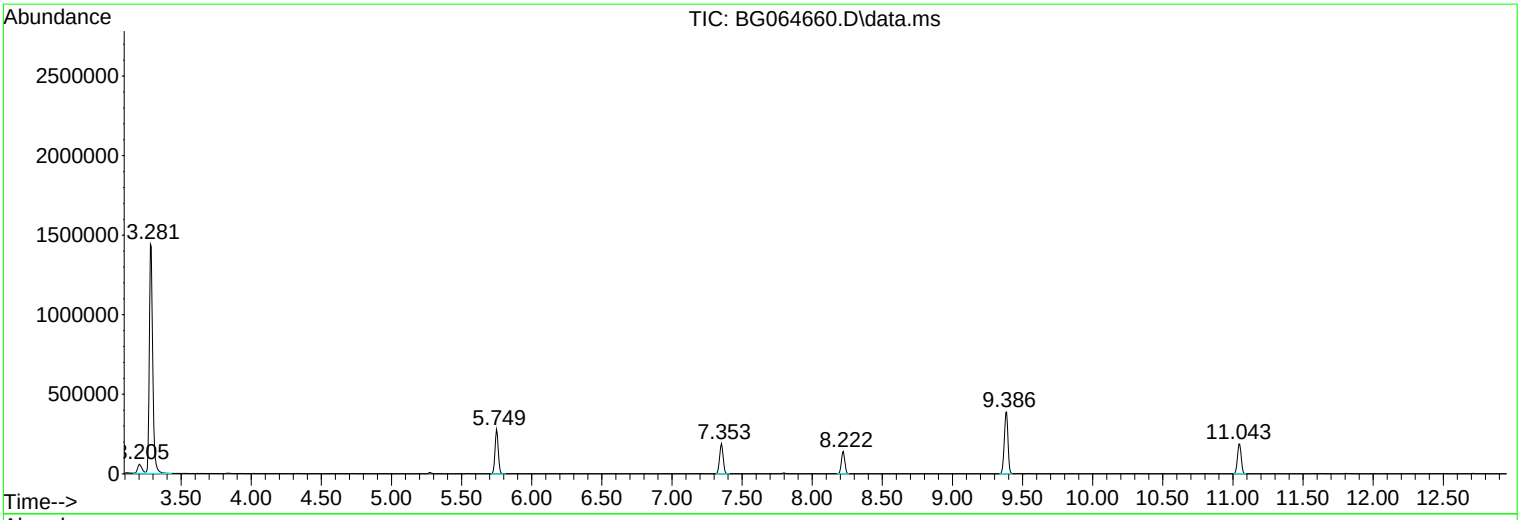
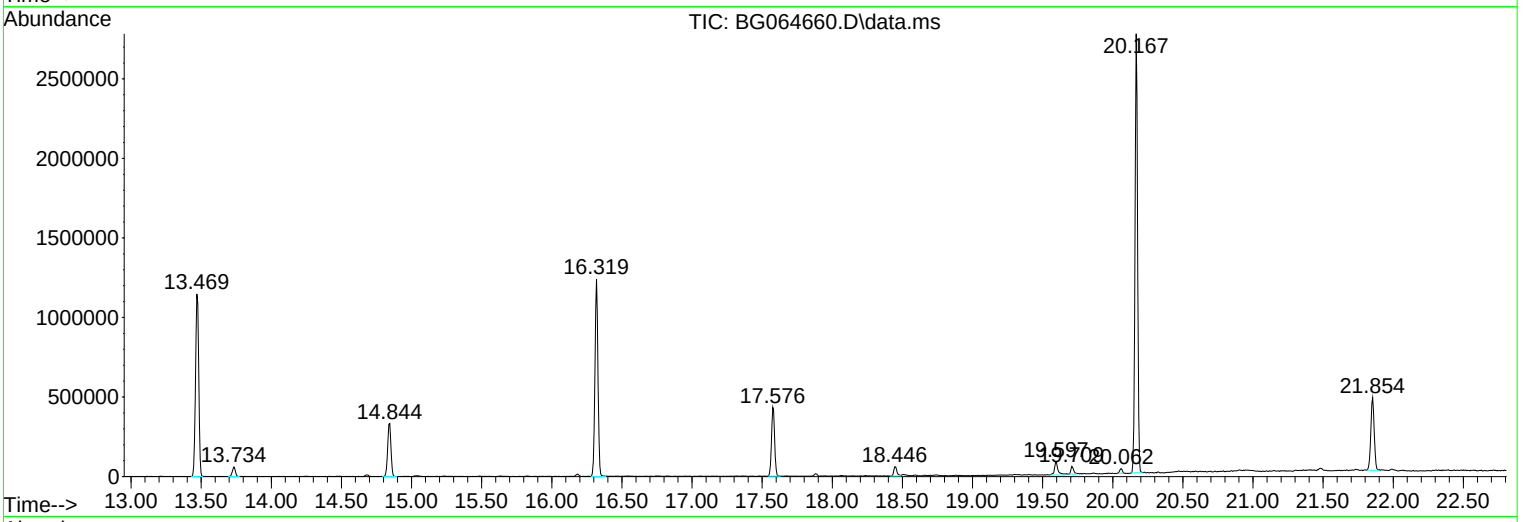
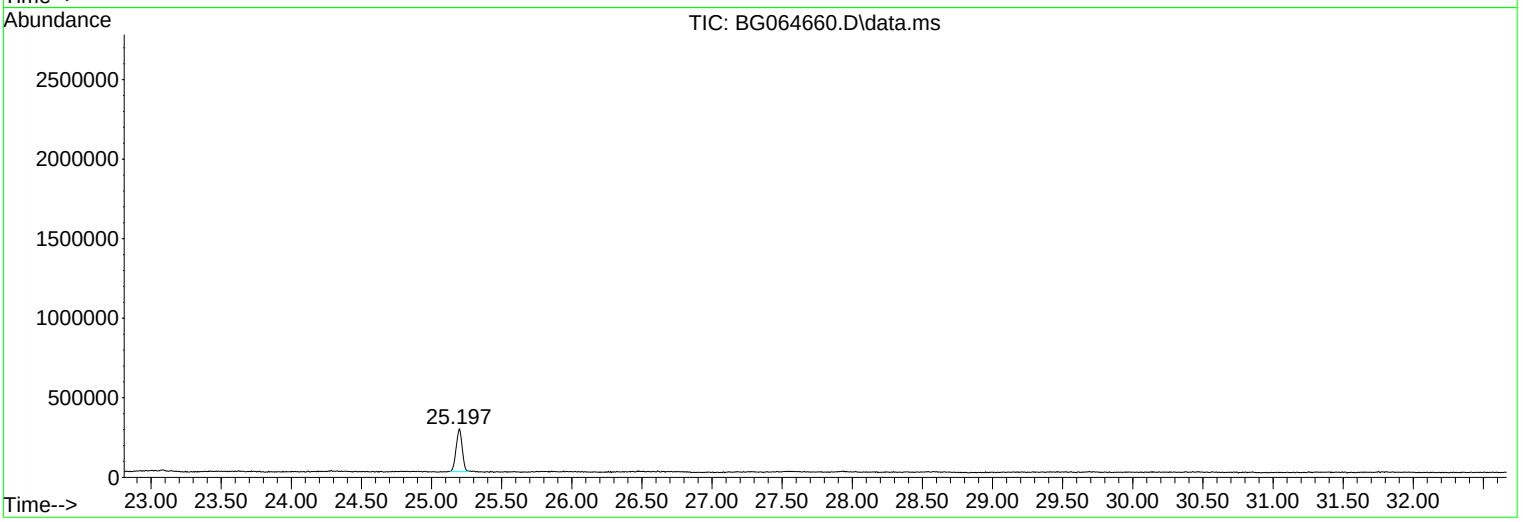
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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TIC Integration Parameters: LSCINT.P

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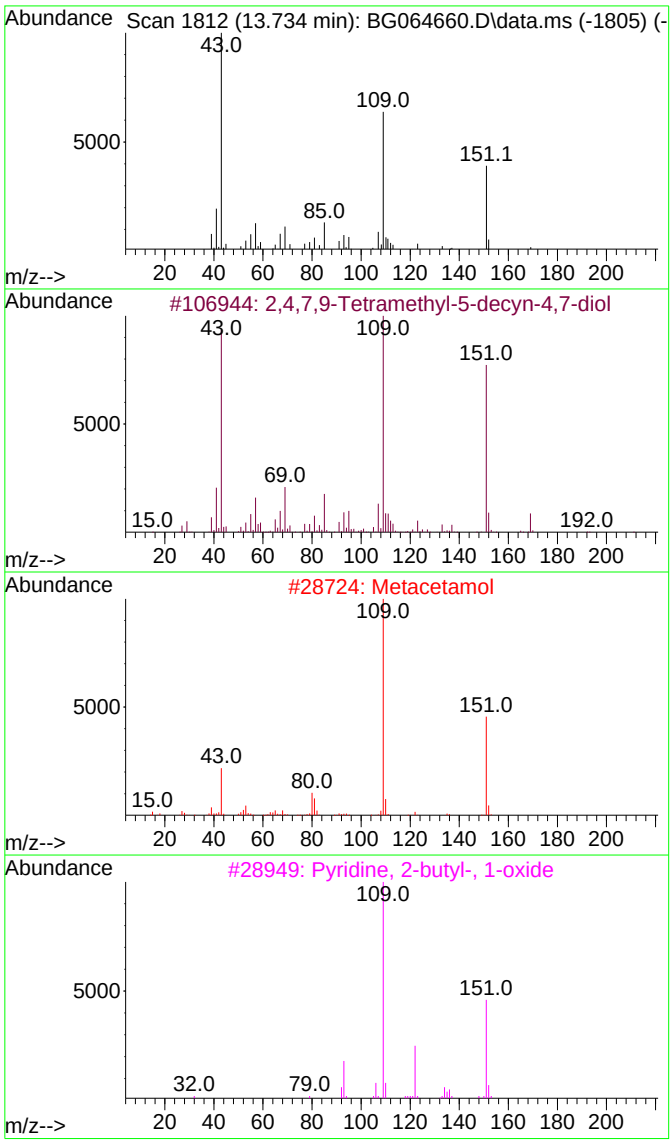
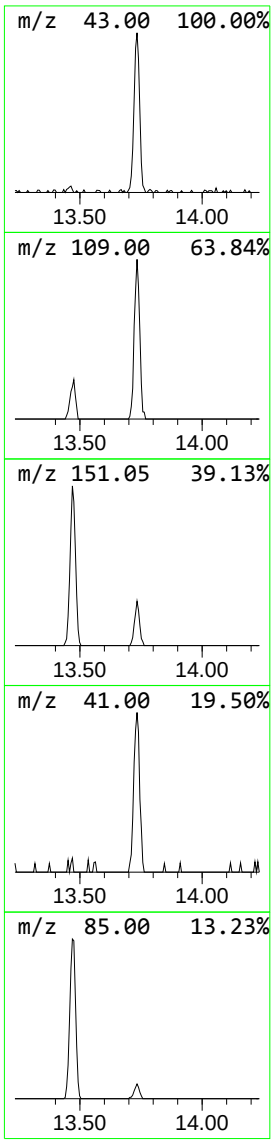
Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.734	3.35 ng	89644	Acenaphthene-d10	14.844

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Metacetamol	151	C8H9NO2	000621-42-1	58
3	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
4	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53
5	(7,7-Dimethyl-2-oxobicyclo[2.2.1...	250	C10H15ClO3S	1000194-76-1	45





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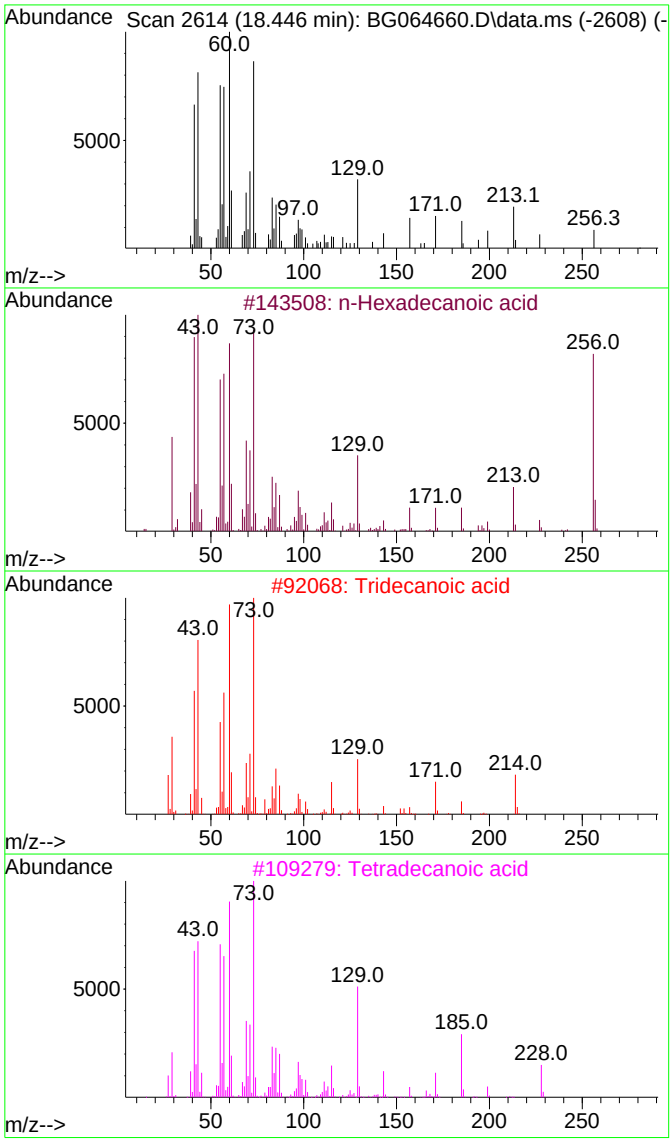
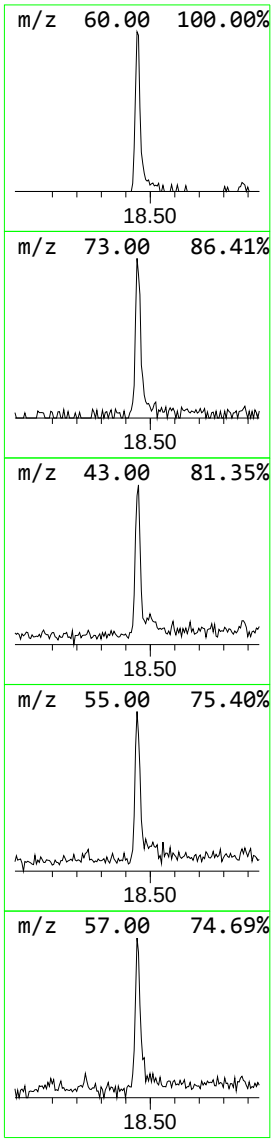
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.446	2.77 ng	93136	Phenanthrene-d10	17.576

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





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Instrument :
BNA_G
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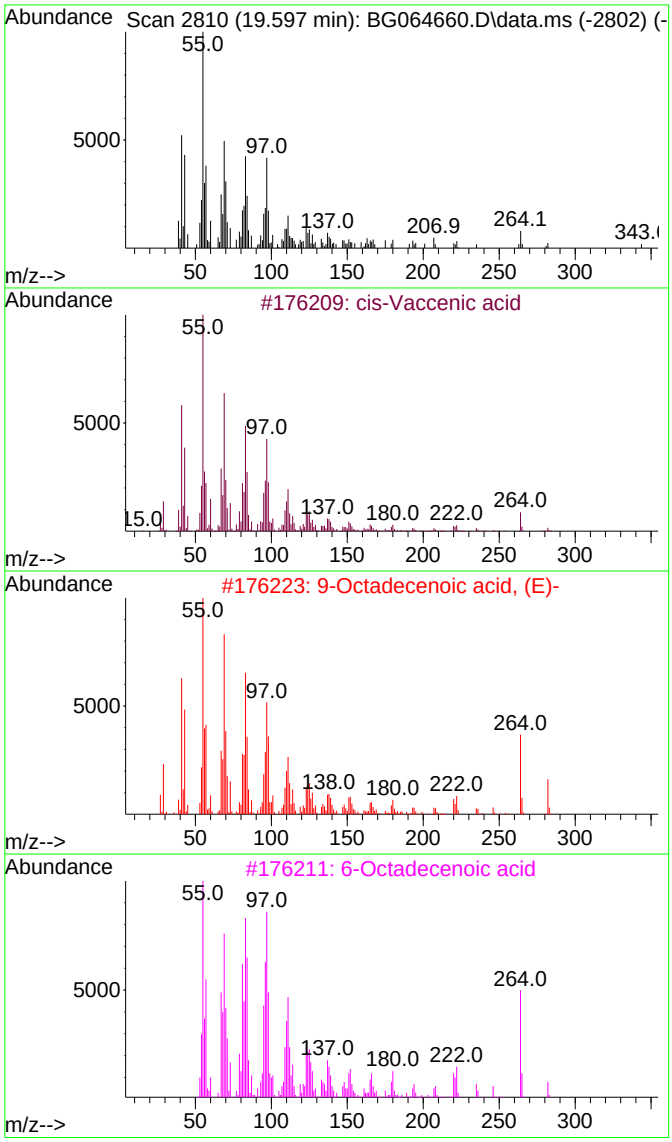
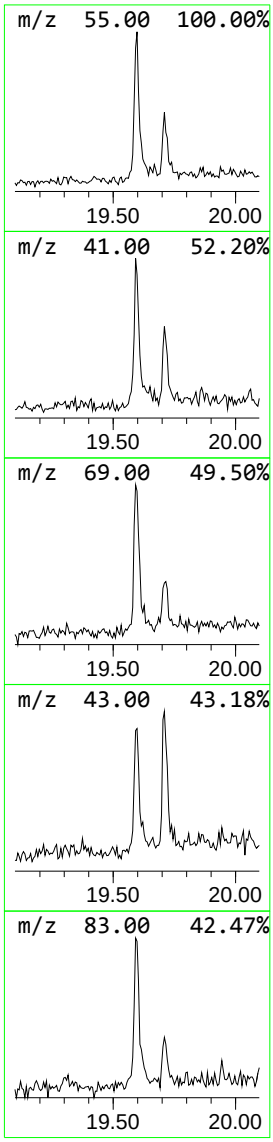
****

Peak Number 5 cis-Vaccenic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.597	4.49 ng	150948	Phenanthrene-d10	17.576

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Vaccenic acid	282	C18H34O2	000506-17-2	99
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	98
3	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	97
4	Oleic Acid	282	C18H34O2	000112-80-1	95
5	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	95





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2,4,7,9-Tetrame...	13.734	3.4	ng	89644	3	14.844	534663	20.0
n-Hexadecanoic ...	18.446	2.8	ng	93136	4	17.576	672386	20.0
cis-Vaccenic acid	19.597	4.5	ng	150948	4	17.576	672386	20.0