LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064611.D
Acq On : 28 Oct 2025 21:18
Operator : RC/JU
Sample : Q3460-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-2

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: BG064611.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	14	19	27	rBV2	19920	46687	2.02%	0.387%
2	3.275	27	32	45	rVB	342557	651271	28.13%	5.402%
3	5.743	445	452	462	rBV	508398	859587	37.12%	7.129%
4	7.347	716	725	736	rBV	509795	887260	38.32%	7.359%
5	8.216	865	873	880	rBV	157748	264090	11.41%	2.190%
6	9.380	1062	1071	1079	rBV	288228	522964	22.59%	4.337%
7	11.043	1345	1354	1361	rBV	214725	387009	16.71%	3.210%
8	13.469	1760	1767	1774	rBV	867636	1374326	59.35%	11.399%
9	14.838	1993	2000	2007	rVB	377759	596559	25.76%	4.948%
10	16.178	2223	2228	2236	rBV	108705	155611	6.72%	1.291%
11	16.313	2244	2251	2262	rBV	839681	1267211	54.73%	10.510%
12	17.576	2459	2466	2472	rBV	540971	836465	36.12%	6.938%
13	18.446	2610	2614	2624	rBV2	57795	105716	4.57%	0.877%
14	19.609	2807	2812	2820	rVB	21088	36829	1.59%	0.305%
15	19.709	2826	2829	2835	rBV5	16336	26866	1.16%	0.223%
16	19.973	2866	2874	2878	rVB2	21625	37669	1.63%	0.312%
17	20.161	2900	2906	2912	rBV	1748517	2315475	100.00%	19.205%
18	21.483	3126	3131	3139	rVB	54245	94399	4.08%	0.783%
19	21.848	3186	3193	3199	rBV	458873	788168	34.04%	6.537%
20	25.185	3751	3761	3772	rBV	279824	802757	34.67%	6.658%

Sum of corrected areas: 12056919

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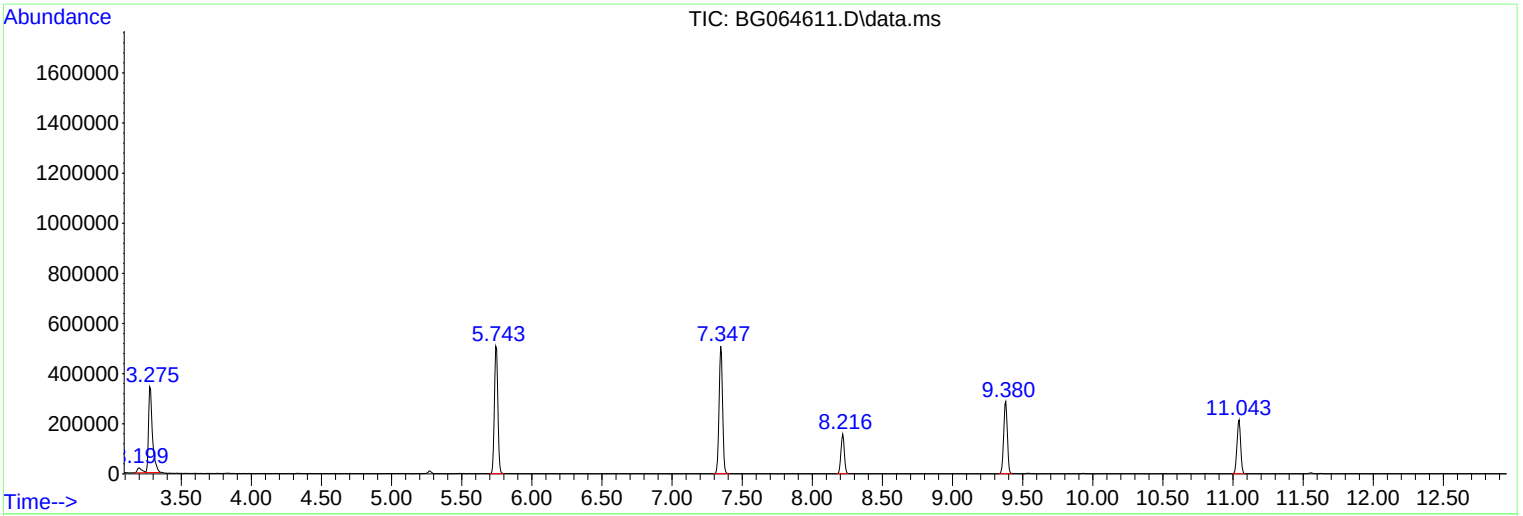
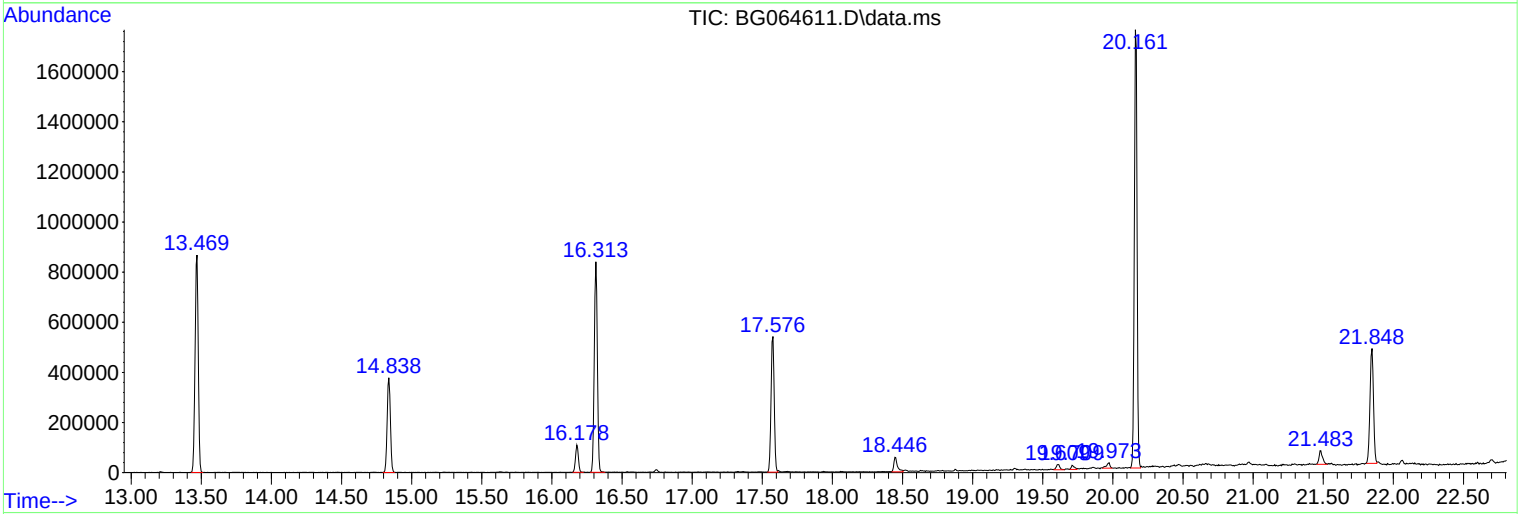
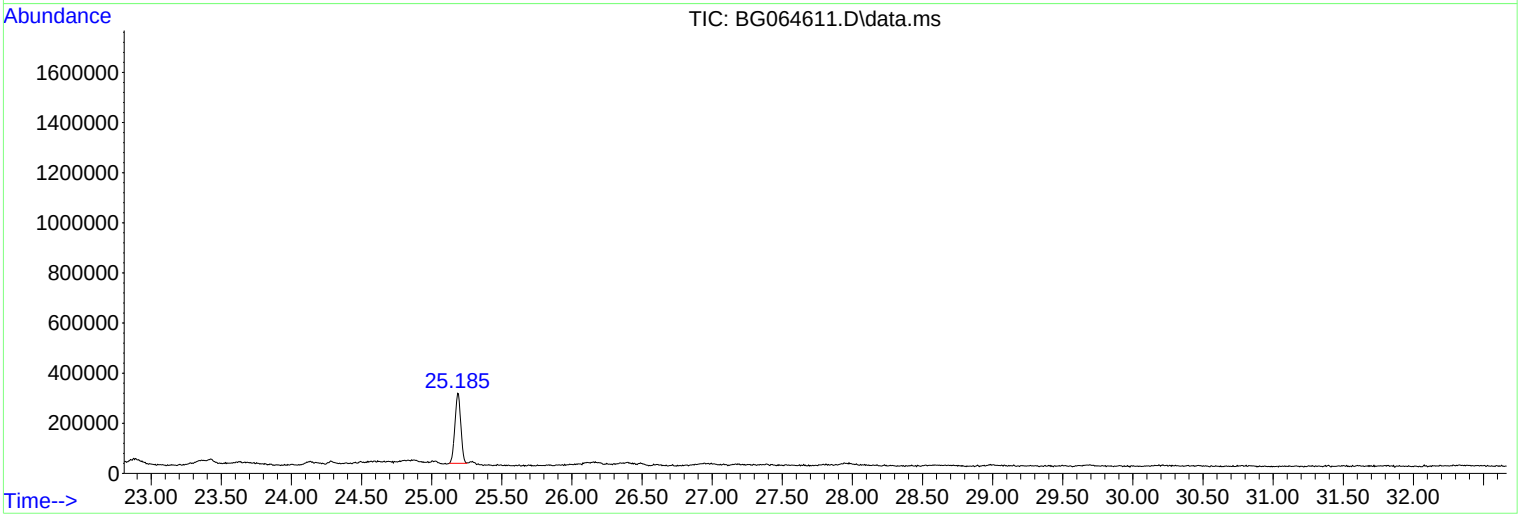
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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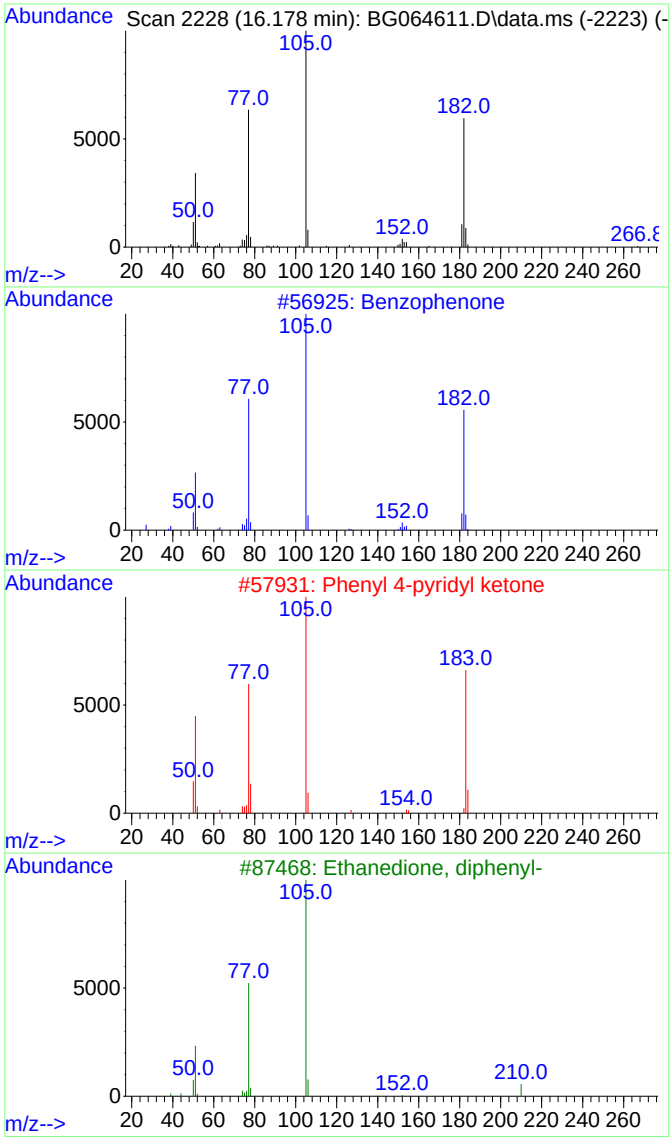
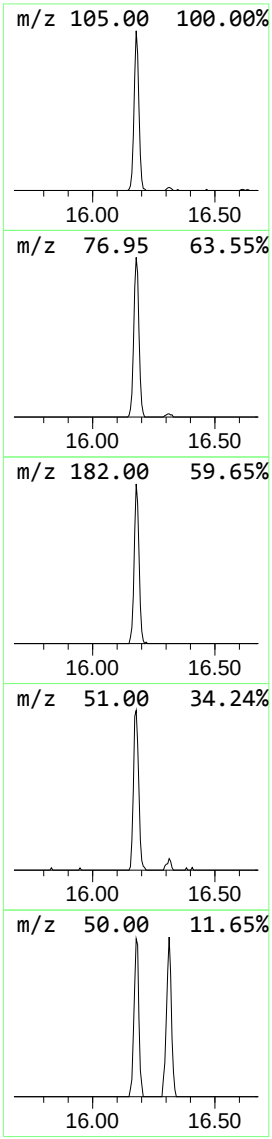
Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.178	5.22 ng	155611	Acenaphthene-d10	14.838

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
3	Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	47
4	Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	47
5	Benzilamide	227	C14H13NO2	004746-87-6	47





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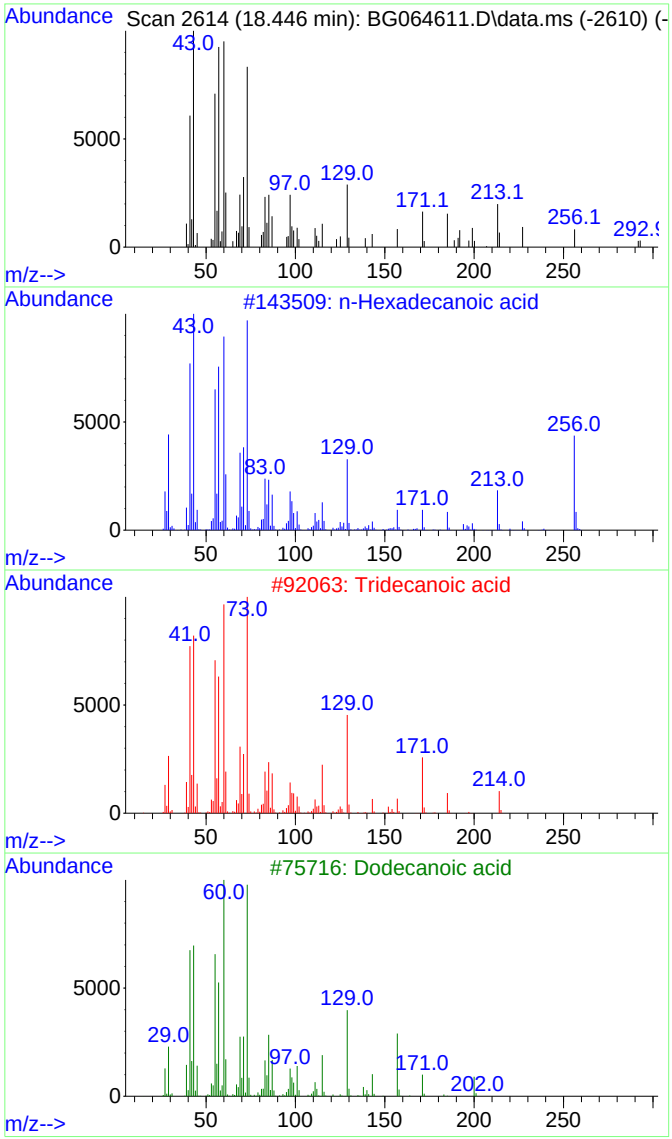
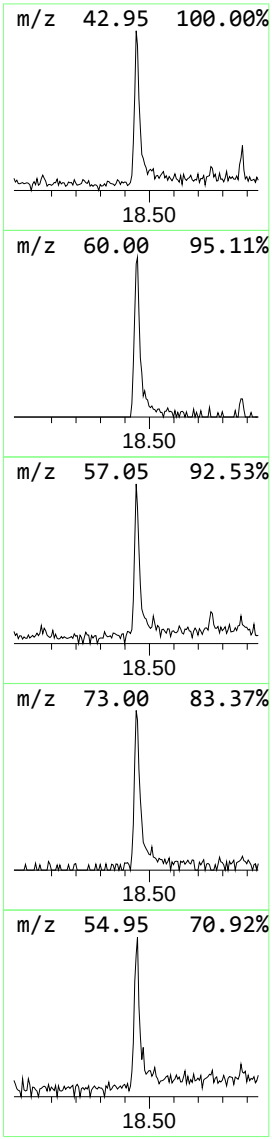
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.446	2.53 ng	105716	Phenanthrene-d10	17.576

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Dodecanoic acid	200	C12H24O2	000143-07-7	62
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	59





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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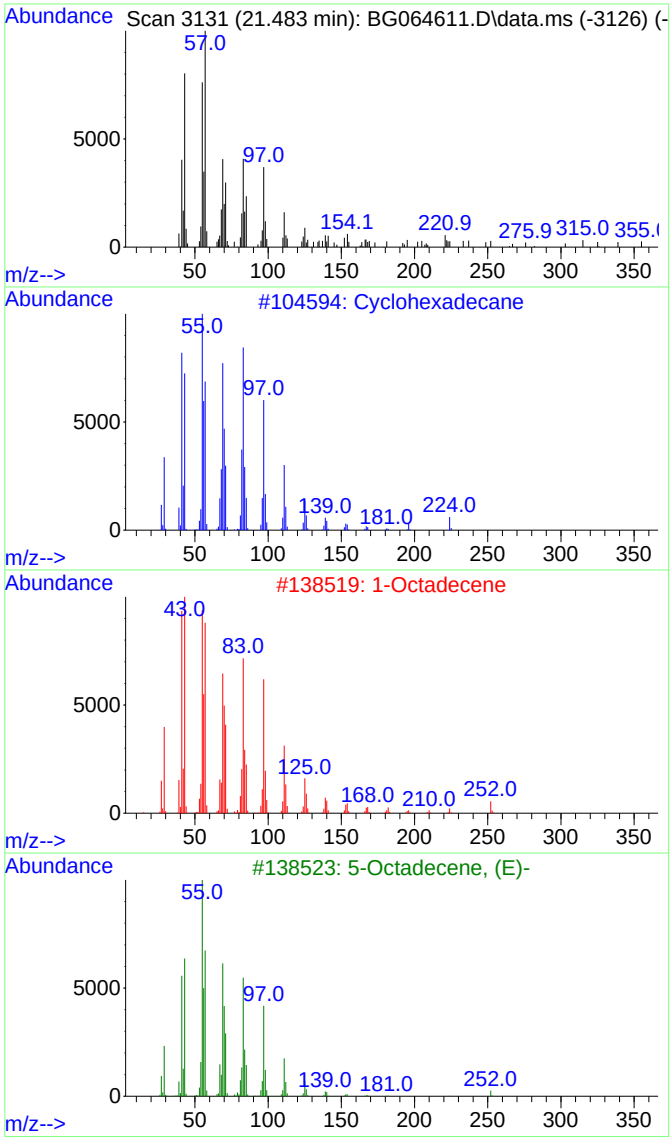
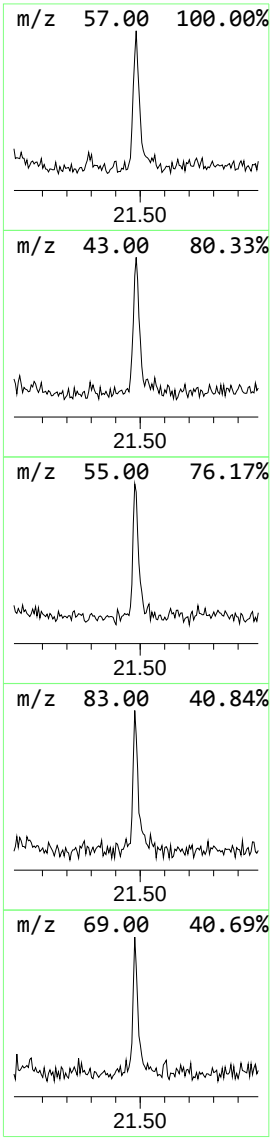
Peak Number 5 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.483	2.40 ng	94399	Chrysene-d12	21.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	97
2	1-Octadecene	252	C18H36	000112-88-9	93
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
4	1-Docosene	308	C22H44	001599-67-3	93
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	16.178	5.2	ng	155611	3	14.838	596559	20.0
n-Hexadecanoic ...	18.446	2.5	ng	105716	4	17.576	836465	20.0
Cyclohexadecane	21.483	2.4	ng	94399	5	21.848	788168	20.0