LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064609.D
Acq On : 28 Oct 2025 19:57
Operator : RC/JU
Sample : Q3376-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR132-S12-020047-20251016

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: BG064609.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	13	20	27	rBV4	22776	58529	2.92%	0.581%
2	3.282	27	33	51	rVB	266921	486825	24.28%	4.830%
3	5.743	445	452	462	rVB	309905	519323	25.90%	5.153%
4	7.347	717	725	734	rBV	294929	501682	25.02%	4.978%
5	8.217	866	873	879	rVB	138166	234909	11.72%	2.331%
6	9.374	1063	1070	1079	rBV	152491	266690	13.30%	2.646%
7	11.043	1345	1354	1362	rBV	179726	321398	16.03%	3.189%
8	13.470	1759	1767	1773	rBV	393606	620100	30.93%	6.153%
9	14.839	1993	2000	2006	rVB	305400	467842	23.33%	4.642%
10	16.178	2222	2228	2236	rBV	120225	174390	8.70%	1.730%
11	16.313	2244	2251	2262	rBV	721752	1074399	53.59%	10.660%
12	17.571	2459	2465	2471	rBV2	394174	622200	31.03%	6.173%
13	18.452	2610	2615	2626	rBV	231059	347094	17.31%	3.444%
14	19.298	2755	2759	2766	rBV3	57222	81875	4.08%	0.812%
15	19.610	2808	2812	2818	rVB	38455	59560	2.97%	0.591%
16	19.709	2827	2829	2835	rBV5	25822	27661	1.38%	0.274%
17	19.974	2870	2874	2879	rVB	41806	63010	3.14%	0.625%
18	20.162	2901	2906	2912	rVB	1492722	2004906	100.00%	19.893%
19	20.432	2948	2952	2961	rBV2	75808	121259	6.05%	1.203%
20	20.796	3012	3014	3018	rVB2	37695	41243	2.06%	0.409%
21	21.478	3126	3130	3142	rVB	153428	270836	13.51%	2.687%
22	21.736	3170	3174	3182	rVB2	91413	137904	6.88%	1.368%
23	21.848	3186	3193	3199	rBV2	453665	810779	40.44%	8.045%
24	25.191	3753	3762	3772	rBV	270742	764195	38.12%	7.582%

Sum of corrected areas: 10078609

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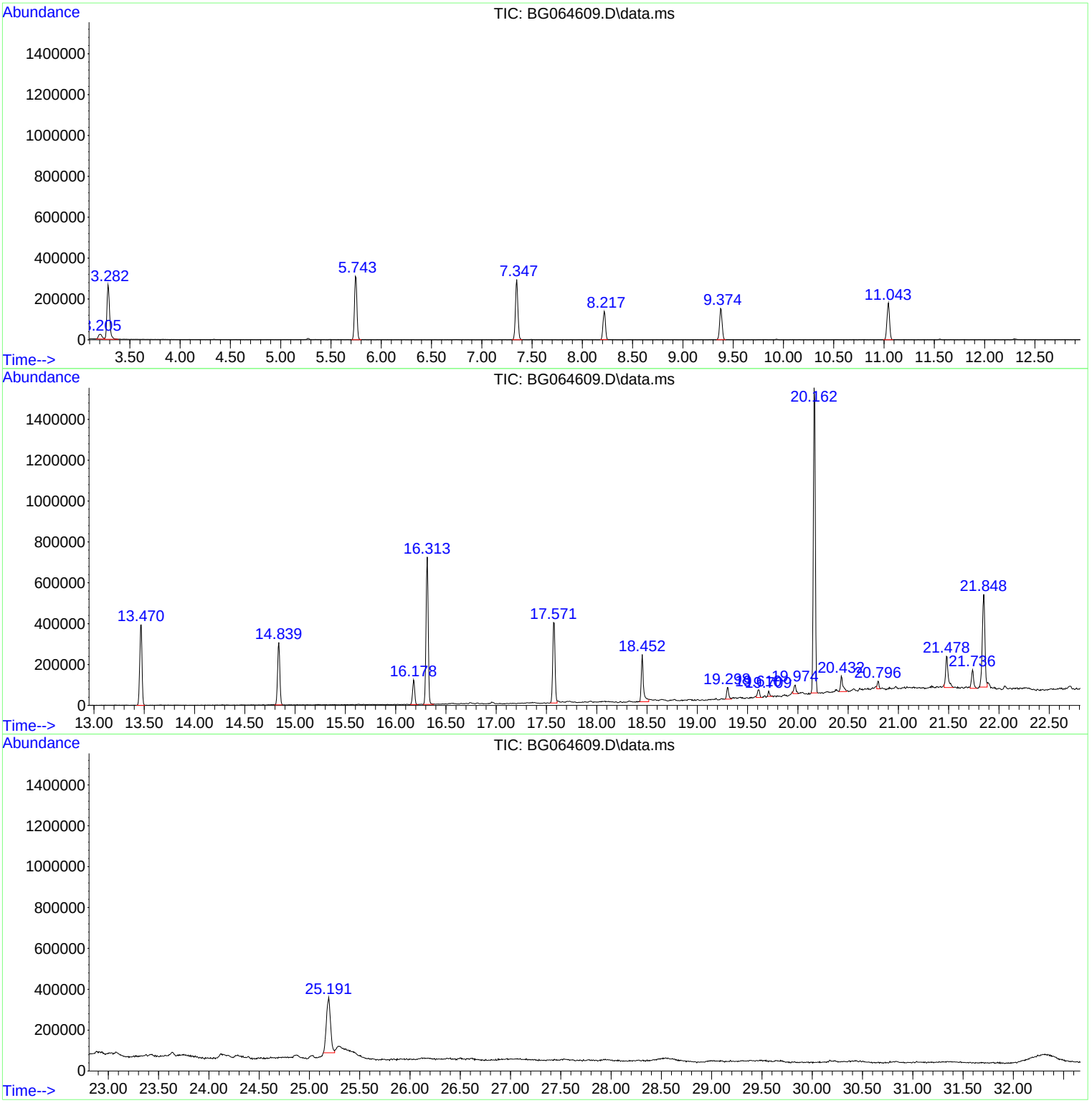
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064609.D
Acq On : 28 Oct 2025 19:57
Operator : RC/JU
Sample : Q3376-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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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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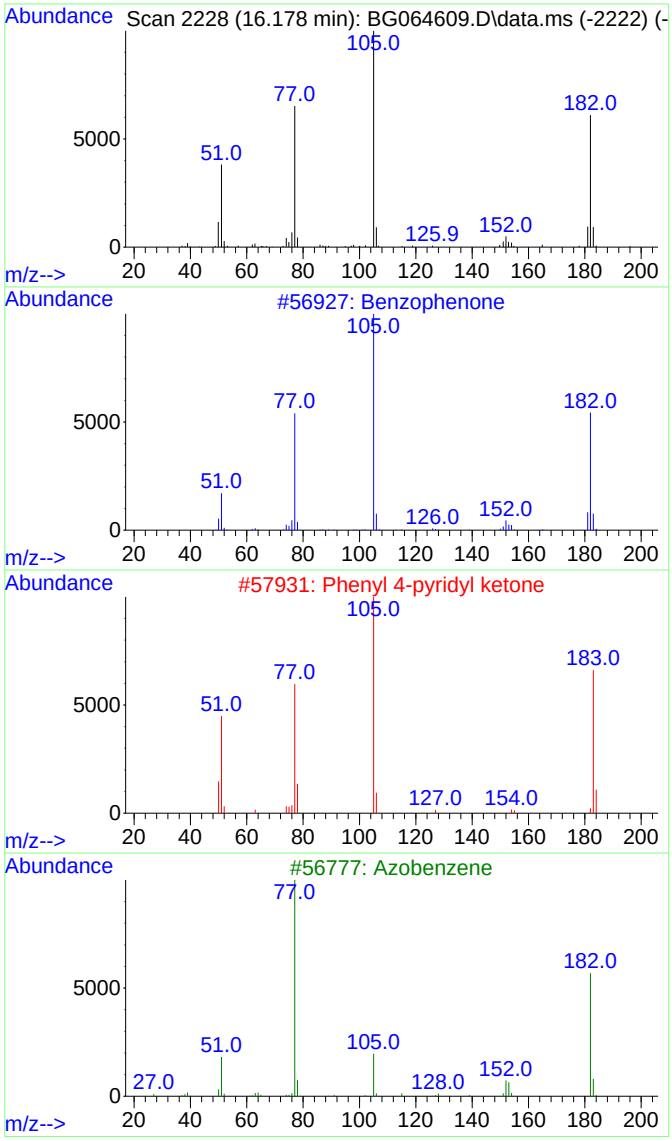
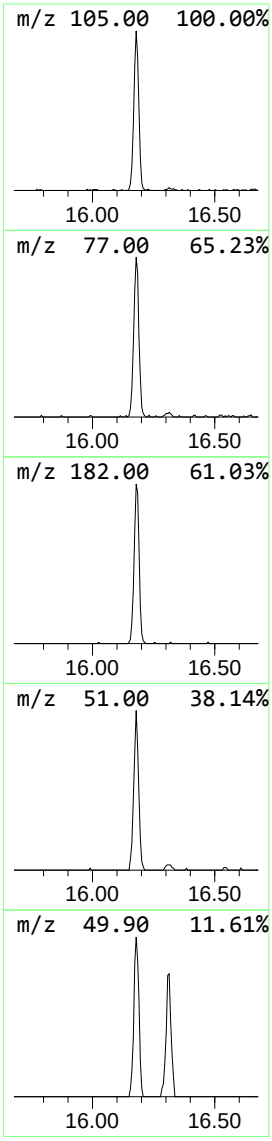
Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.178	7.46 ng	174390	Acenaphthene-d10	14.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
3	Azobenzene	182	C12H10N2	000103-33-3	52
4	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	50
5	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	50





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Data File : BG064609.D
Acq On : 28 Oct 2025 19:57
Operator : RC/JU
Sample : Q3376-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR132-S12-020047-20251016

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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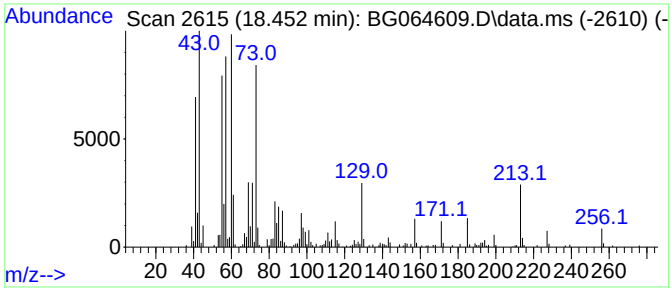
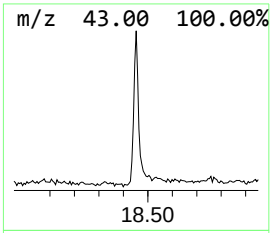
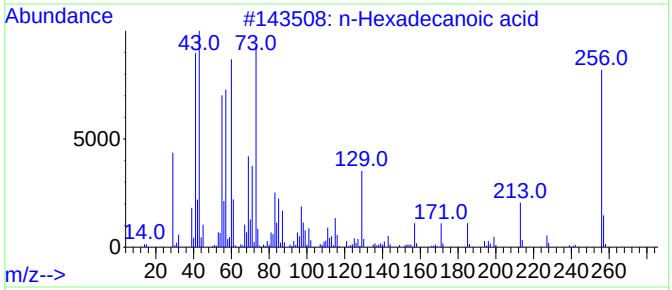
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

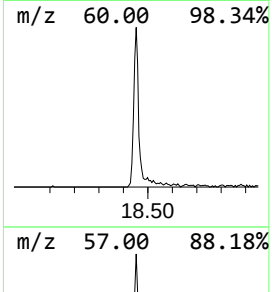
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.452	11.16 ng	347094	Phenanthrene-d10	17.577

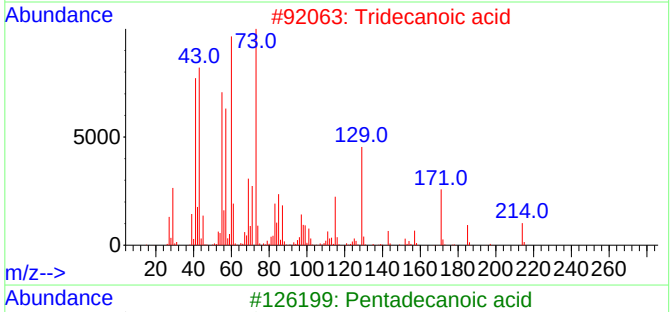
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Undecanoic acid	186	C11H22O2	000112-37-8	50
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50

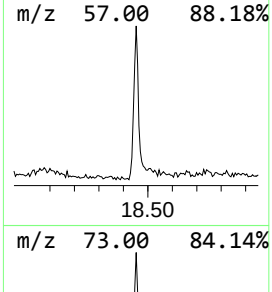


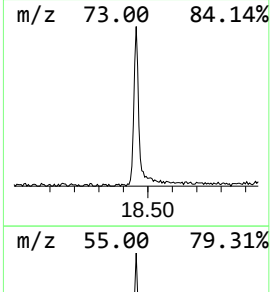


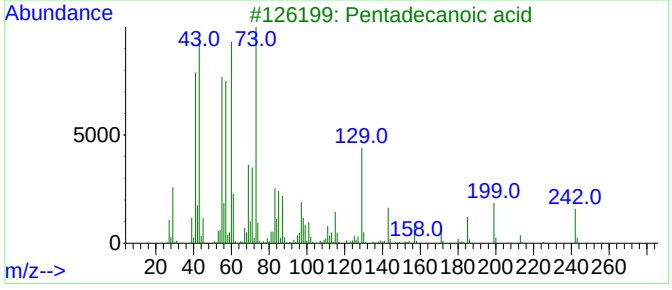


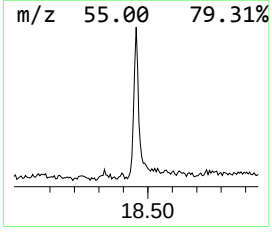












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Misc :
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Instrument :
BNA_G
ClientSampleId :
PR132-S12-020047-20251016

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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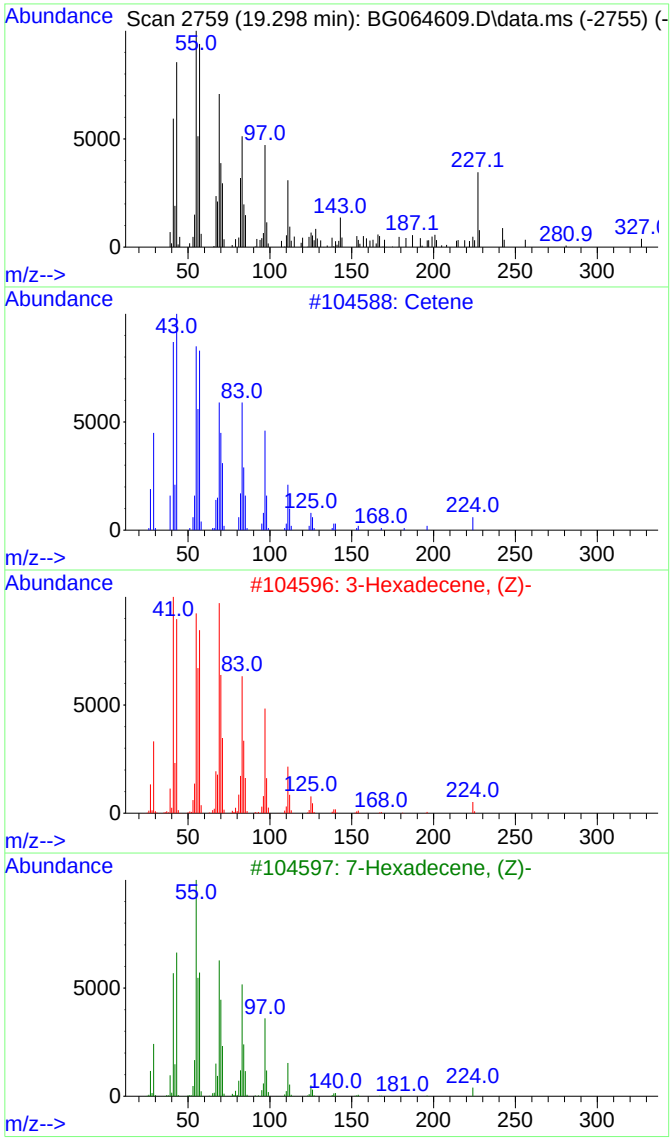
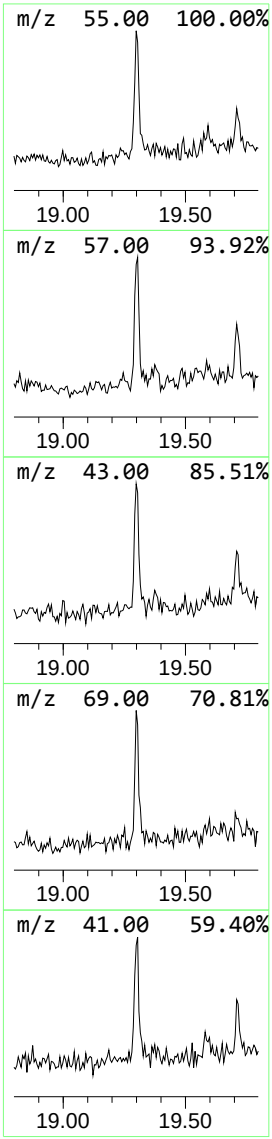
Peak Number 5 Cetene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.298	2.63 ng	81875	Phenanthrene-d10	17.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	97
2	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	96
3	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	93
4	Cyclohexadecane	224	C16H32	000295-65-8	86
5	Z-8-Hexadecene	224	C16H32	1000130-87-5	76





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
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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
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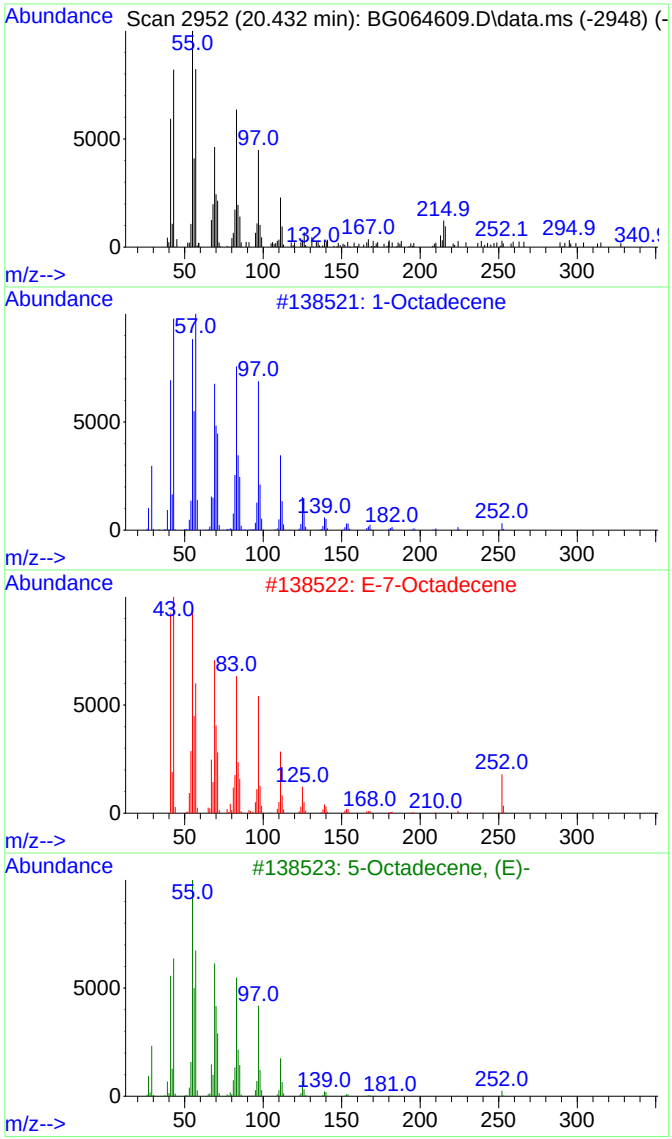
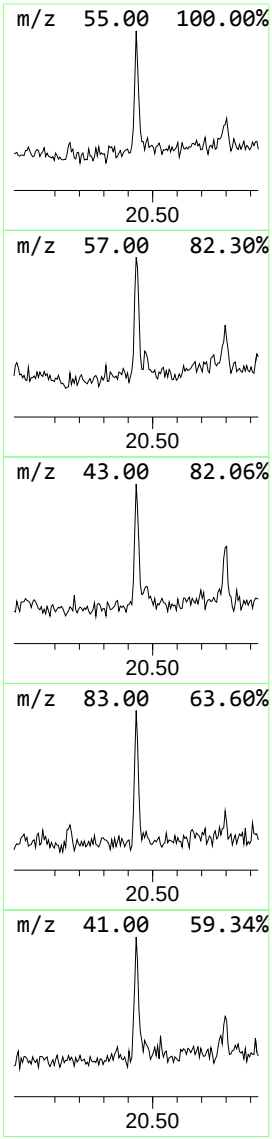
Peak Number 6 1-Octadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.432	2.99 ng	121259	Chrysene-d12	21.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	92
2	E-7-Octadecene	252	C18H36	1000130-92-0	91
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
4	1-Nonadecene	266	C19H38	018435-45-5	90
5	Cyclohexadecane	224	C16H32	000295-65-8	89





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Operator : RC/JU
Sample : Q3376-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR132-S12-020047-20251016

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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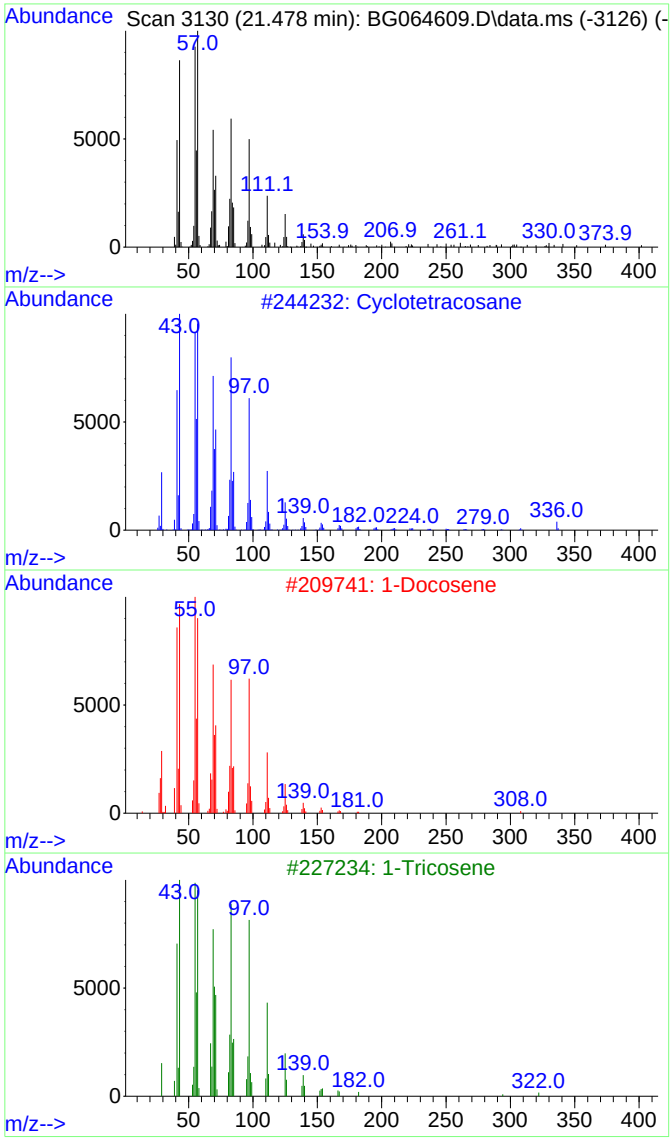
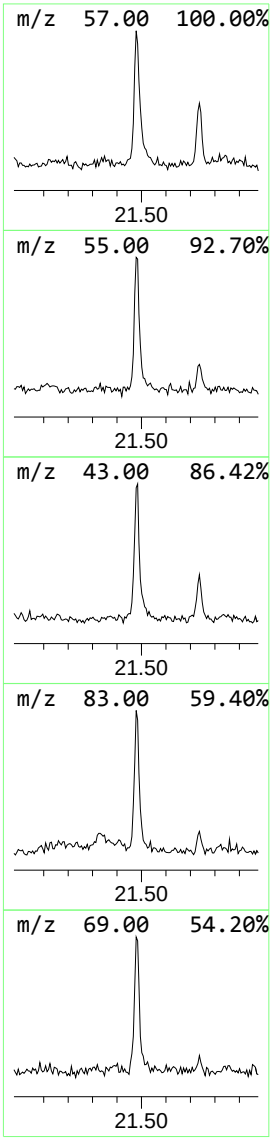
Peak Number 7 Cyclotetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.478	6.68 ng	270836	Chrysene-d12	21.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	94
2	1-Docosene	308	C22H44	001599-67-3	94
3	1-Tricosene	322	C23H46	018835-32-0	91
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	87
5	1-Heneicosanol	312	C21H44O	015594-90-8	87





Tentatively Identified Compound (LSC) summary

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	16.178	7.5	ng	174390	3	14.839	467842	20.0
n-Hexadecanoic ...	18.452	11.2	ng	347094	4	17.577	622200	20.0
Cetene	19.298	2.6	ng	81875	4	17.577	622200	20.0
1-Octadecene	20.432	3.0	ng	121259	5	21.848	810779	20.0
Cyclotetracosane	21.478	6.7	ng	270836	5	21.848	810779	20.0