LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
Data File : BG064536.D
Acq On : 17 Oct 2025 15:07
Operator : RC/JU
Sample : Q3367-01
Misc : 8270/625.1 SPIKE
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BU-03-101625

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-BG100225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064536.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.410	389	395	405	rVB	181833	278731	29.96%	3.863%
2	6.996	657	665	674	rBV	184052	307198	33.02%	4.258%
3	7.819	798	805	813	rVB	57876	91365	9.82%	1.266%
4	8.970	993	1001	1009	rBV	113003	197065	21.18%	2.731%
5	10.604	1272	1279	1286	rBV	70619	122167	13.13%	1.693%
6	13.065	1692	1698	1706	rBV	325139	494198	53.11%	6.850%
7	13.277	1729	1734	1737	rBV3	10875	16720	1.80%	0.232%
8	13.541	1757	1779	1797	rBV7	85228	616121	66.22%	8.540%
9	14.352	1913	1917	1922	rBV2	22410	29947	3.22%	0.415%
10	14.440	1927	1932	1940	rVB	110051	177598	19.09%	2.462%
11	14.975	2020	2023	2030	rVB8	7028	12997	1.40%	0.180%
12	15.304	2070	2079	2083	rBV2	28191	40209	4.32%	0.557%
13	15.709	2141	2148	2152	rVB4	12568	21230	2.28%	0.294%
14	15.803	2159	2164	2170	rVB	47168	64608	6.94%	0.896%
15	15.933	2180	2186	2192	rBV2	332146	509674	54.78%	7.064%
16	16.162	2221	2225	2228	rBV	36352	47307	5.08%	0.656%
17	16.191	2228	2230	2235	rVB4	15305	17101	1.84%	0.237%
18	16.673	2306	2312	2314	rBV5	10698	22728	2.44%	0.315%
19	16.949	2349	2359	2381	rBV2	227480	930433	100.00%	12.896%
20	17.184	2394	2399	2404	rVB2	151940	217521	23.38%	3.015%
21	17.560	2458	2463	2464	rBV5	6084	9508	1.02%	0.132%
22	17.689	2480	2485	2488	rBV2	30817	38681	4.16%	0.536%
23	17.960	2526	2531	2533	rBV5	7171	12733	1.37%	0.176%
24	18.083	2547	2552	2565	rVB	145482	229012	24.61%	3.174%
25	18.383	2598	2603	2606	rVB	27947	33203	3.57%	0.460%
26	18.506	2621	2624	2629	rVB7	8693	11464	1.23%	0.159%
27	18.600	2637	2640	2645	rVB7	8852	9571	1.03%	0.133%
28	18.800	2671	2674	2679	rVB4	18998	24800	2.67%	0.344%
29	19.011	2706	2710	2713	rVB2	21577	23968	2.58%	0.332%
30	19.235	2742	2748	2754	rBV	64962	106278	11.42%	1.473%
31	19.299	2754	2759	2763	rVV	40282	70158	7.54%	0.972%
32	19.358	2765	2769	2778	rVB2	75020	117656	12.65%	1.631%
33	19.599	2800	2810	2818	rBV2	57736	112113	12.05%	1.554%
34	19.805	2839	2845	2850	rBV	732241	916740	98.53%	12.707%
35	19.922	2860	2865	2866	rBV5	8894	13566	1.46%	0.188%
36	20.051	2884	2887	2889	rBV4	6755	9641	1.04%	0.134%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
Data File : BG064536.D
Acq On : 17 Oct 2025 15:07
Operator : RC/JU
Sample : Q3367-01
Misc : 8270/625.1 SPIKE
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BU-03-101625

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-BG100225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.116	2896	2898	2902	rVB3	18998	18053	1.94%	0.250%
38	20.369	2932	2941	2944	rBV	32855	65235	7.01%	0.904%
39	20.610	2980	2982	2986	rVB5	14481	16821	1.81%	0.233%
40	20.839	3018	3021	3027	rBV3	12438	16981	1.83%	0.235%
41	21.085	3059	3063	3070	rVB5	38383	63245	6.80%	0.877%
42	21.315	3100	3102	3105	rVB3	15964	12685	1.36%	0.176%
43	21.409	3110	3118	3123	rVV2	217608	388389	41.74%	5.383%
44	21.450	3123	3125	3130	rVB	32417	41855	4.50%	0.580%
45	21.602	3147	3151	3157	rBV7	13990	26734	2.87%	0.371%
46	21.726	3168	3172	3178	rVB6	42540	75210	8.08%	1.042%
47	23.453	3460	3466	3472	rBV3	32040	82115	8.83%	1.138%
48	24.252	3598	3602	3608	rVB3	26667	57394	6.17%	0.796%
49	24.393	3614	3626	3634	rBV	130923	375702	40.38%	5.208%
50	26.667	4011	4013	4016	rBV4	8226	10556	1.13%	0.146%
51	30.909	4731	4735	4737	rBV5	7496	9636	1.04%	0.134%

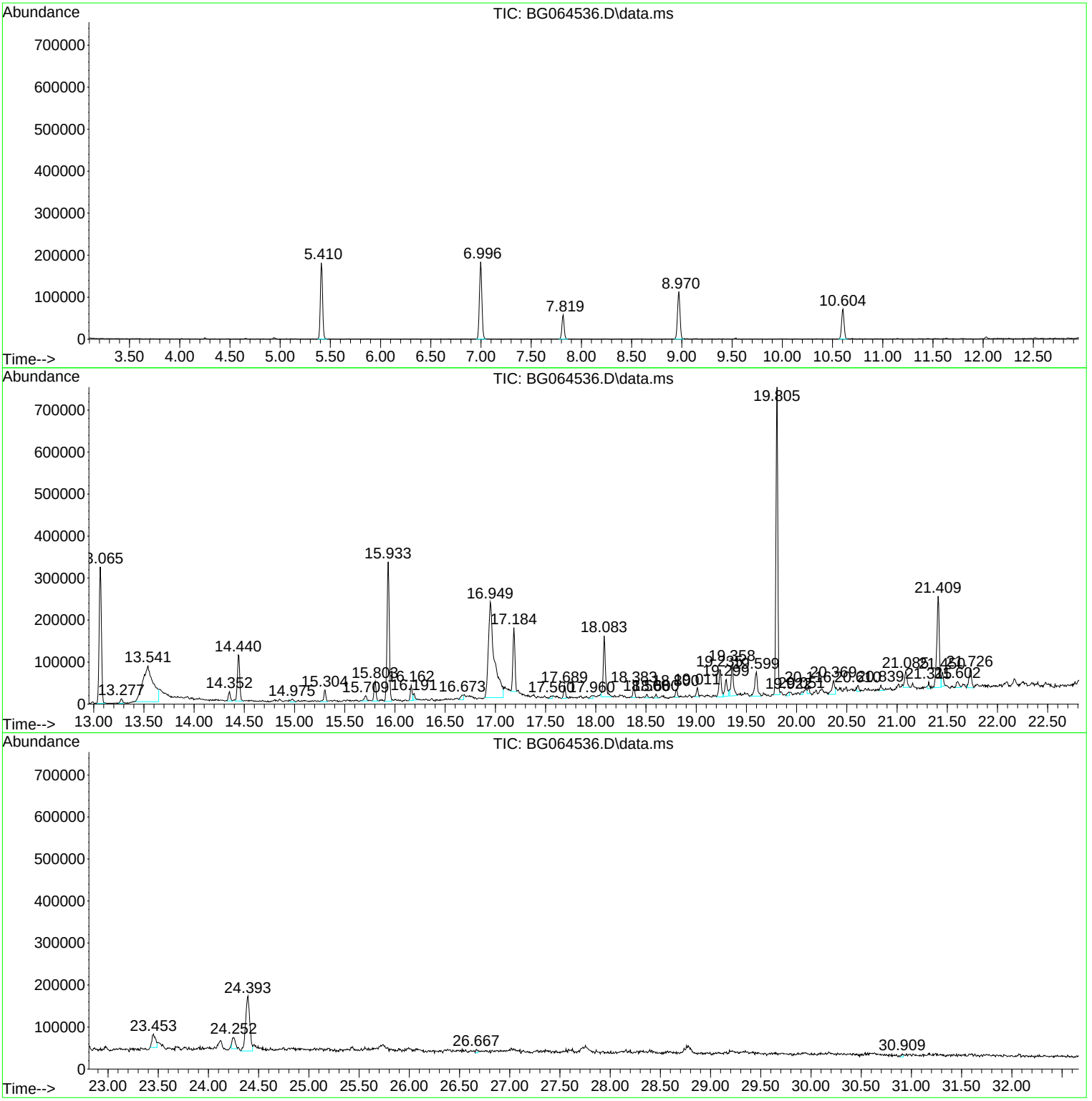
Sum of corrected areas: 7214621

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
Data File : BG064536.D
Acq On : 17 Oct 2025 15:07
Operator : RC/JU
Sample : Q3367-01
Misc : 8270/625.1 SPIKE
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BU-03-101625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.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\BG101725\
Data File : BG064536.D
Acq On : 17 Oct 2025 15:07
Operator : RC/JU
Sample : Q3367-01
Misc : 8270/625.1 SPIKE
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BU-03-101625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

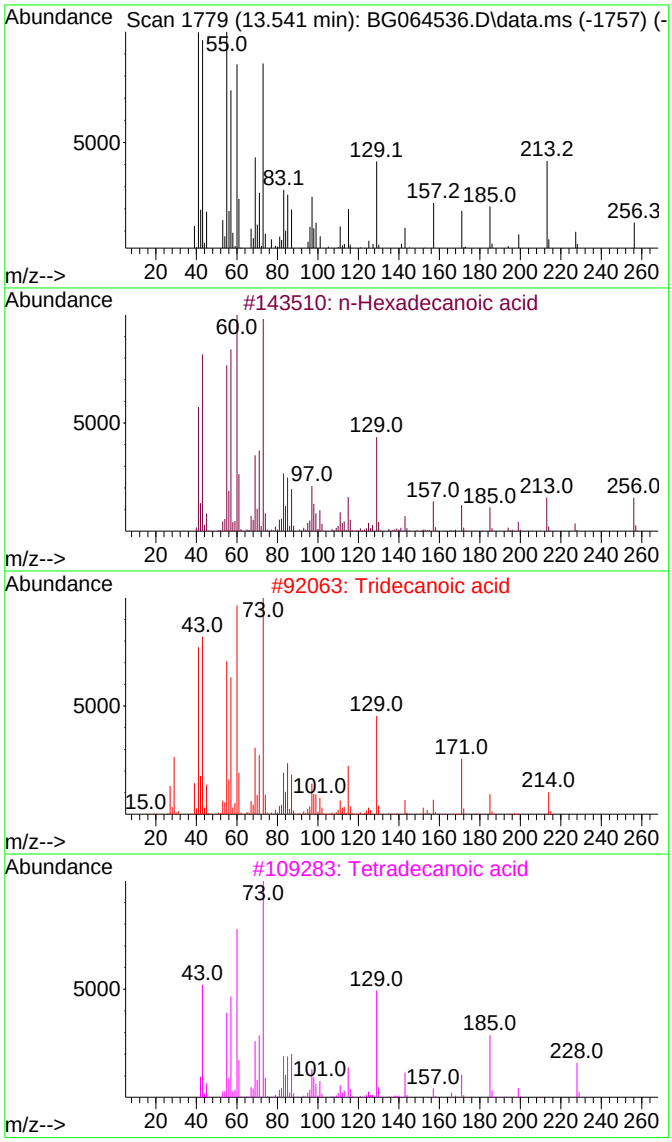
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

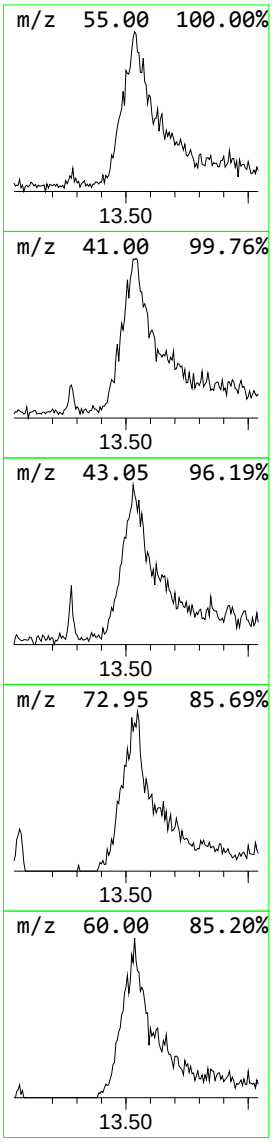
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.541	69.38 ng	616121	Acenaphthene-d10	14.440

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
5	n-Decanoic acid	172	C10H20O2	000334-48-5	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
Data File : BG064536.D
Acq On : 17 Oct 2025 15:07
Operator : RC/JU
Sample : Q3367-01
Misc : 8270/625.1 SPIKE
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BU-03-101625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.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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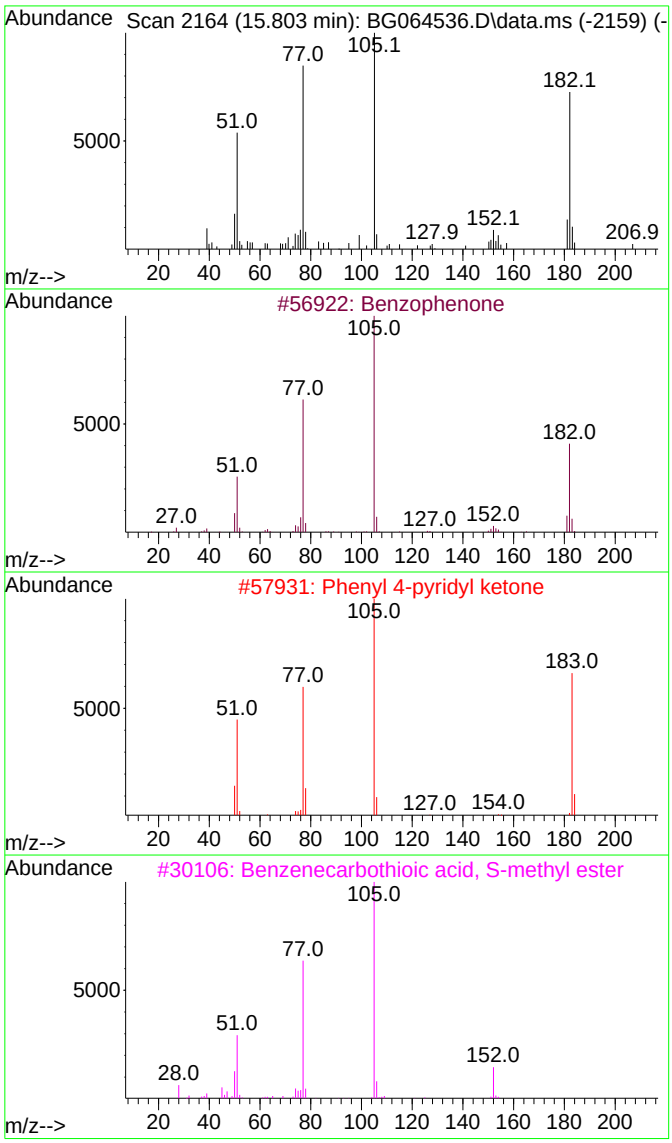
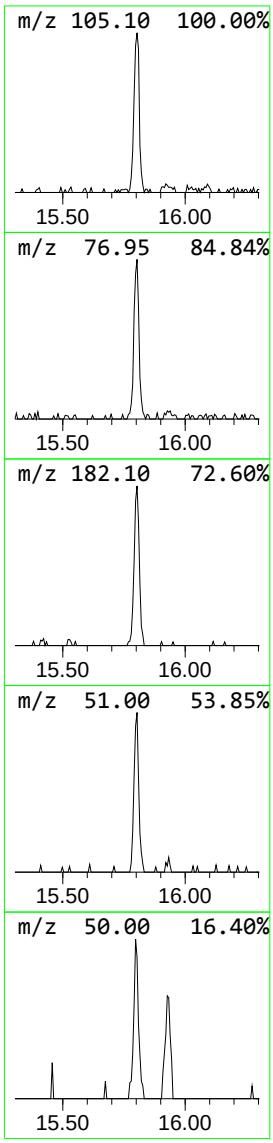
Peak Number 5 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.803	7.28 ng	64608	Acenaphthene-d10	14.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	62
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	52
4	Benzoylformic acid	150	C8H6O3	000611-73-4	52
5	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
Data File : BG064536.D
Acq On : 17 Oct 2025 15:07
Operator : RC/JU
Sample : Q3367-01
Misc : 8270/625.1 SPIKE
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BU-03-101625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.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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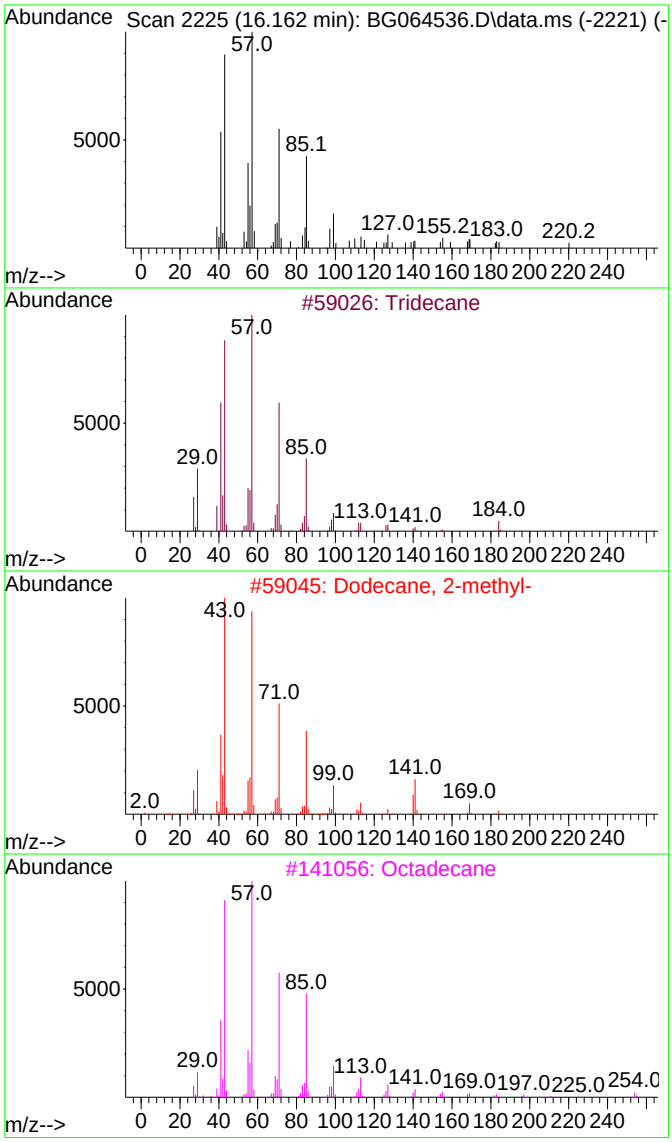
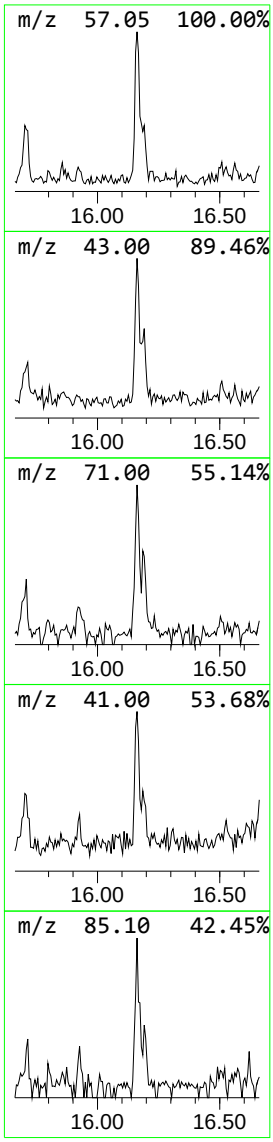
Peak Number 6 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.162	4.35 ng	47307	Phenanthrene-d10	17.184

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
3	Octadecane	254	C18H38	000593-45-3	86
4	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	86
5	Pentadecane	212	C15H32	000629-62-9	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
Data File : BG064536.D
Acq On : 17 Oct 2025 15:07
Operator : RC/JU
Sample : Q3367-01
Misc : 8270/625.1 SPIKE
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BU-03-101625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.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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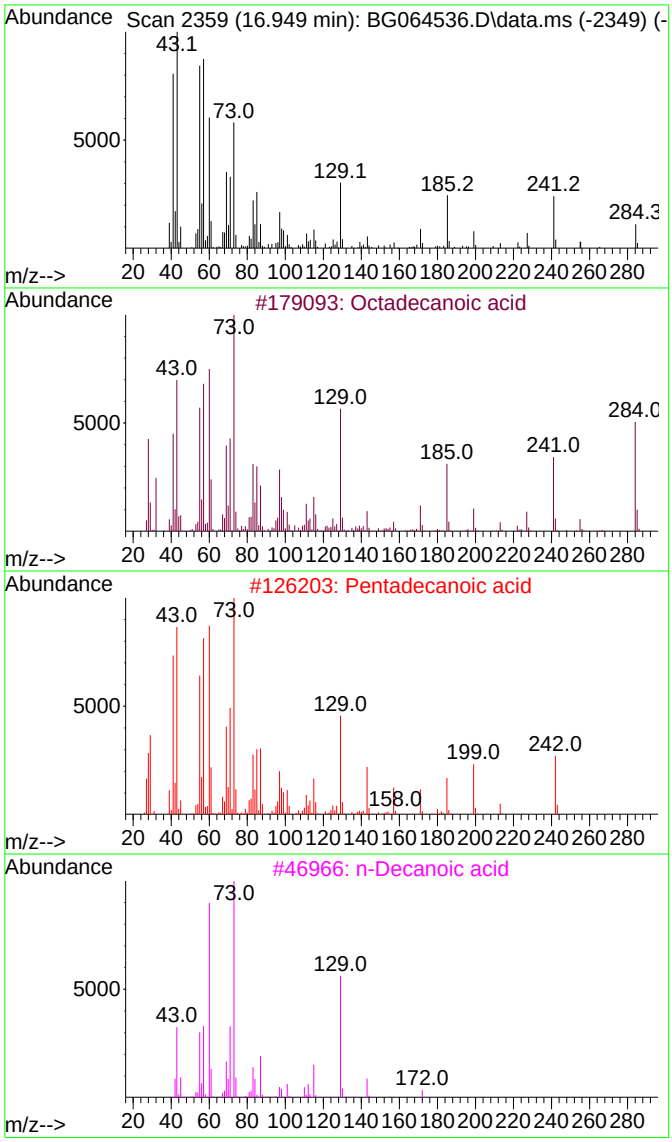
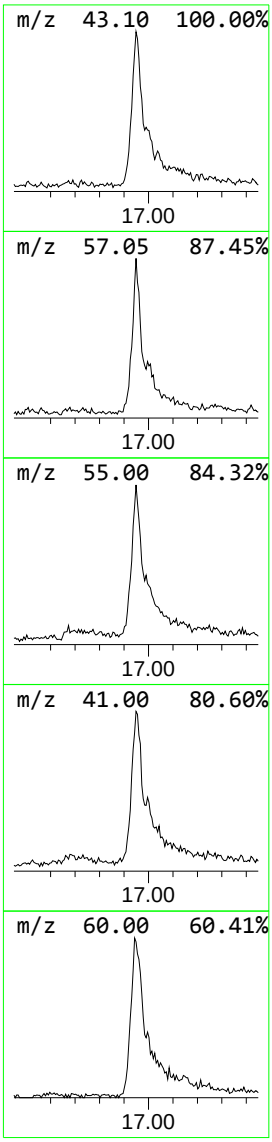
Peak Number 8 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.949	85.55 ng	930433	Phenanthrene-d10	17.184

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
3	n-Decanoic acid	172	C10H20O2	000334-48-5	55
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5	Undecanoic acid	186	C11H22O2	000112-37-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
Data File : BG064536.D
Acq On : 17 Oct 2025 15:07
Operator : RC/JU
Sample : Q3367-01
Misc : 8270/625.1 SPIKE
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BU-03-101625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.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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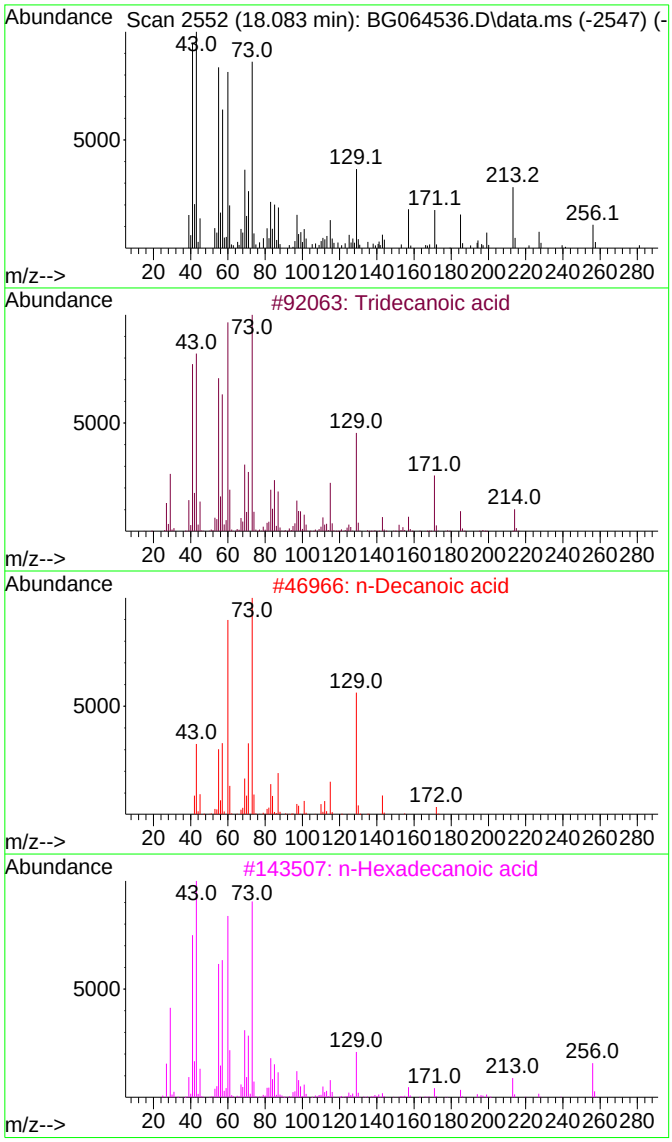
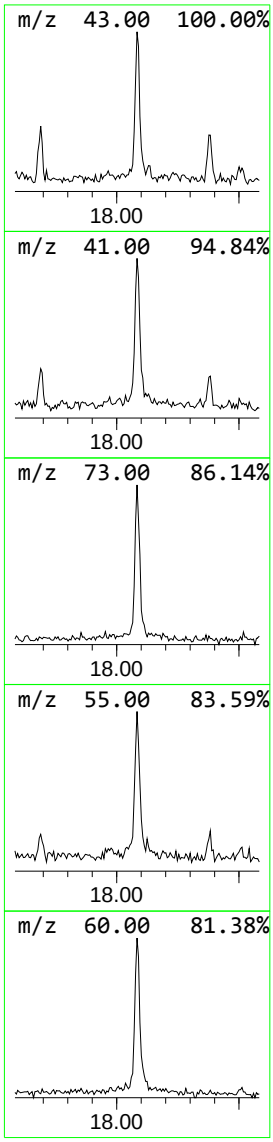
Peak Number 10 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.083	21.06 ng	229012	Phenanthrene-d10	17.184

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	n-Decanoic acid	172	C10H20O2	000334-48-5	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
Data File : BG064536.D
Acq On : 17 Oct 2025 15:07
Operator : RC/JU
Sample : Q3367-01
Misc : 8270/625.1 SPIKE
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BU-03-101625

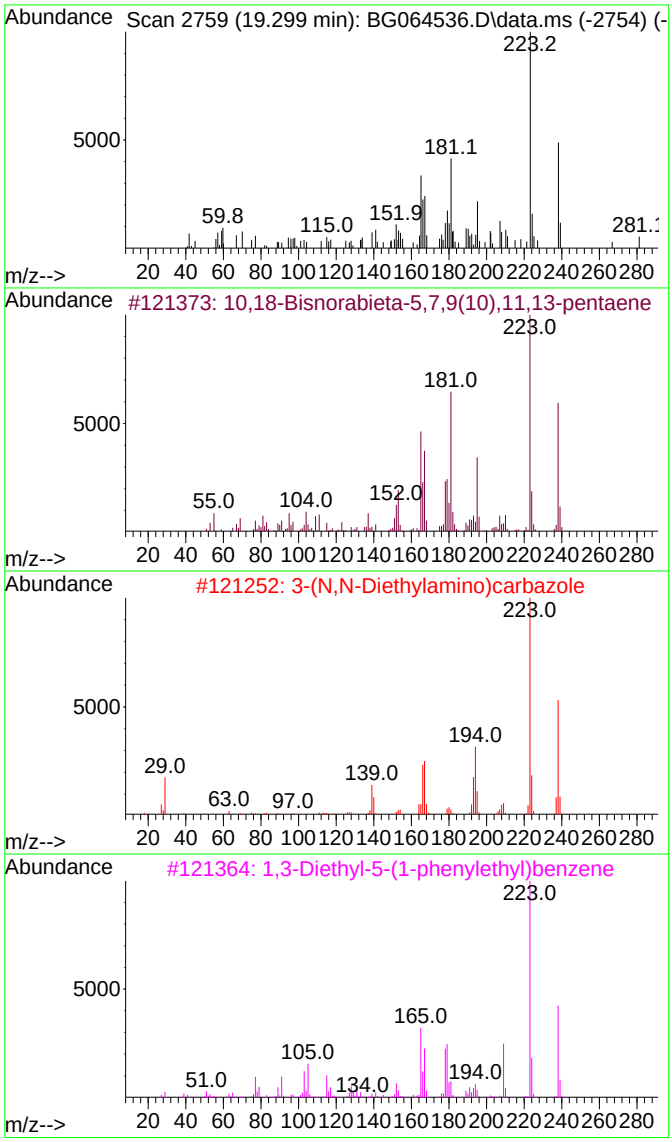
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

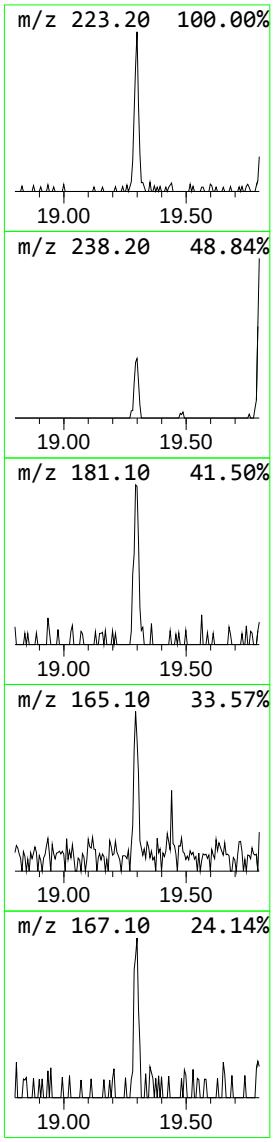
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.299	3.61 ng	70158	Chrysene-d12	21.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	87
2	3-(N,N-Diethylamino)carbazole	238	C16H18N2	054994-31-9	70
3	1,3-Diethyl-5-(1-phenylethyl)ben...	238	C18H22	1000482-32-6	68
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	62
5	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
Data File : BG064536.D
Acq On : 17 Oct 2025 15:07
Operator : RC/JU
Sample : Q3367-01
Misc : 8270/625.1 SPIKE
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BU-03-101625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.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
n-Hexadecanoic ...	13.541	69.4	ng	616121	3	14.440	177598	20.0
Benzophenone	15.803	7.3	ng	64608	3	14.440	177598	20.0
Tridecane	16.162	4.3	ng	47307	4	17.184	217521	20.0
Octadecanoic acid	16.949	85.5	ng	930433	4	17.184	217521	20.0
Tridecanoic acid	18.083	21.1	ng	229012	4	17.184	217521	20.0
10,18-Bisnorabi...	19.299	3.6	ng	70158	5	21.409	388389	20.0