LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064245.D
Acq On : 2 Sep 2025 14:43
Operator : RC/JU
Sample : Q2995-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT5427

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-BG082825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064245.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.979	317	322	329	rVB	72356	109051	4.33%	0.704%
2	5.449	394	402	410	rBV	497330	776732	30.87%	5.016%
3	7.030	662	671	681	rBV	533718	886783	35.24%	5.727%
4	7.858	805	812	820	rBV	164987	266052	10.57%	1.718%
5	9.010	1000	1008	1014	rBV	320967	557460	22.16%	3.600%
6	10.649	1278	1287	1297	rBV	206225	369770	14.70%	2.388%
7	13.105	1695	1705	1714	rBV	855061	1287981	51.19%	8.317%
8	14.480	1931	1939	1946	rBV	350942	531010	21.10%	3.429%
9	15.837	2164	2170	2177	rVB	126841	184300	7.32%	1.190%
10	15.966	2186	2192	2203	rBV	705701	1091416	43.38%	7.048%
11	17.224	2400	2406	2410	rBV2	426207	653355	25.97%	4.219%
12	17.265	2410	2413	2418	rVB	48650	65007	2.58%	0.420%
13	17.611	2468	2472	2478	rBV6	29474	54159	2.15%	0.350%
14	18.128	2556	2560	2573	rBV2	175310	319280	12.69%	2.062%
15	18.551	2629	2632	2635	rBV4	35729	37866	1.50%	0.245%
16	19.274	2750	2755	2760	rBV	174962	247374	9.83%	1.597%
17	19.632	2812	2816	2823	rVB	164193	251055	9.98%	1.621%
18	19.844	2846	2852	2861	rBV	1422464	1990307	79.10%	12.853%
19	20.937	3027	3038	3042	rBV2	683861	2516154	100.00%	16.248%
20	21.448	3120	3125	3130	rVB2	431161	711128	28.26%	4.592%
21	21.742	3167	3175	3178	rBV4	686650	1955670	77.72%	12.629%
22	24.462	3631	3638	3648	rBV	250158	623692	24.79%	4.028%

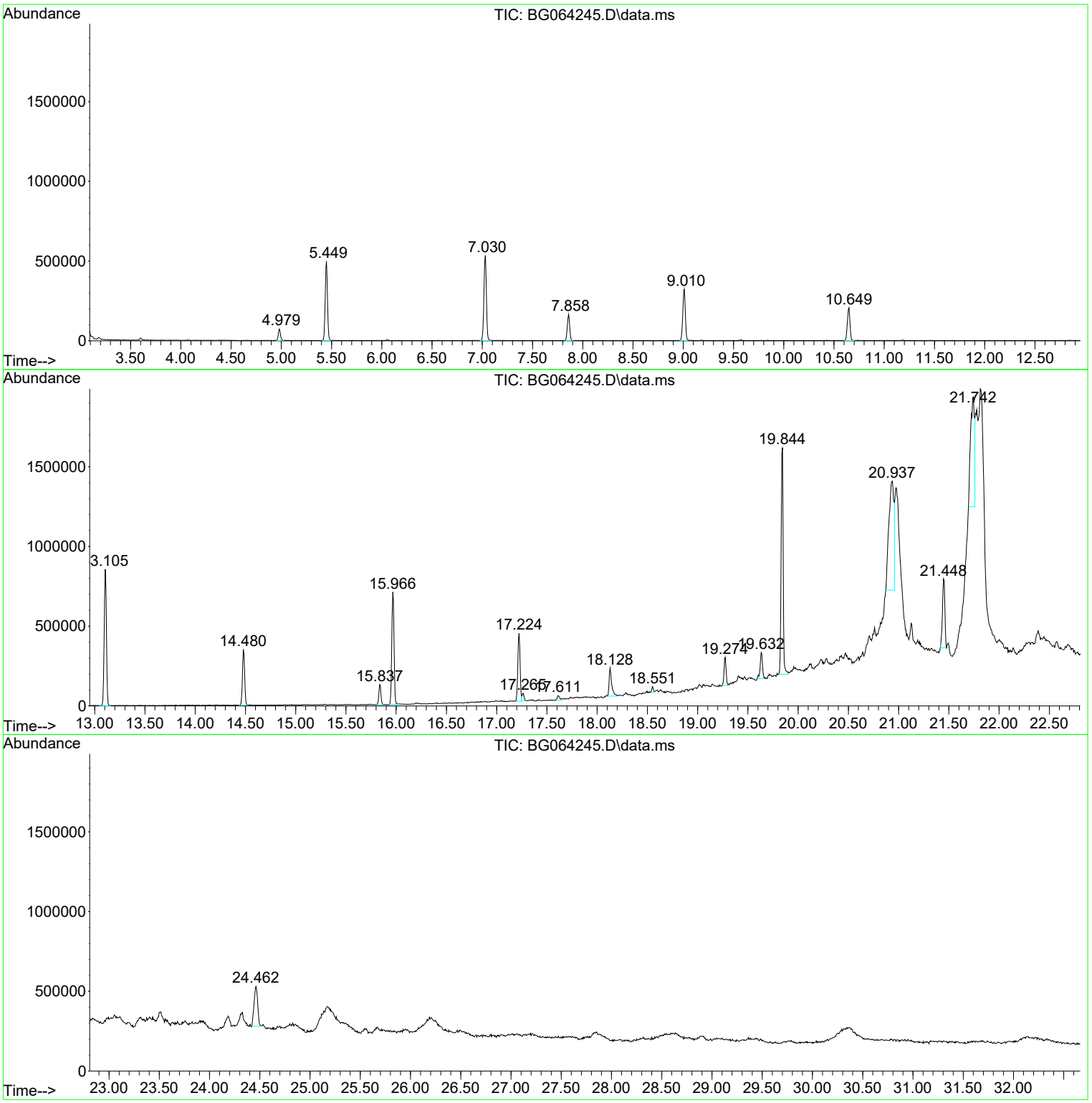
Sum of corrected areas: 15485602

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064245.D
Acq On : 2 Sep 2025 14:43
Operator : RC/JU
Sample : Q2995-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT5427

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.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\BG090225\
Data File : BG064245.D
Acq On : 2 Sep 2025 14:43
Operator : RC/JU
Sample : Q2995-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT5427

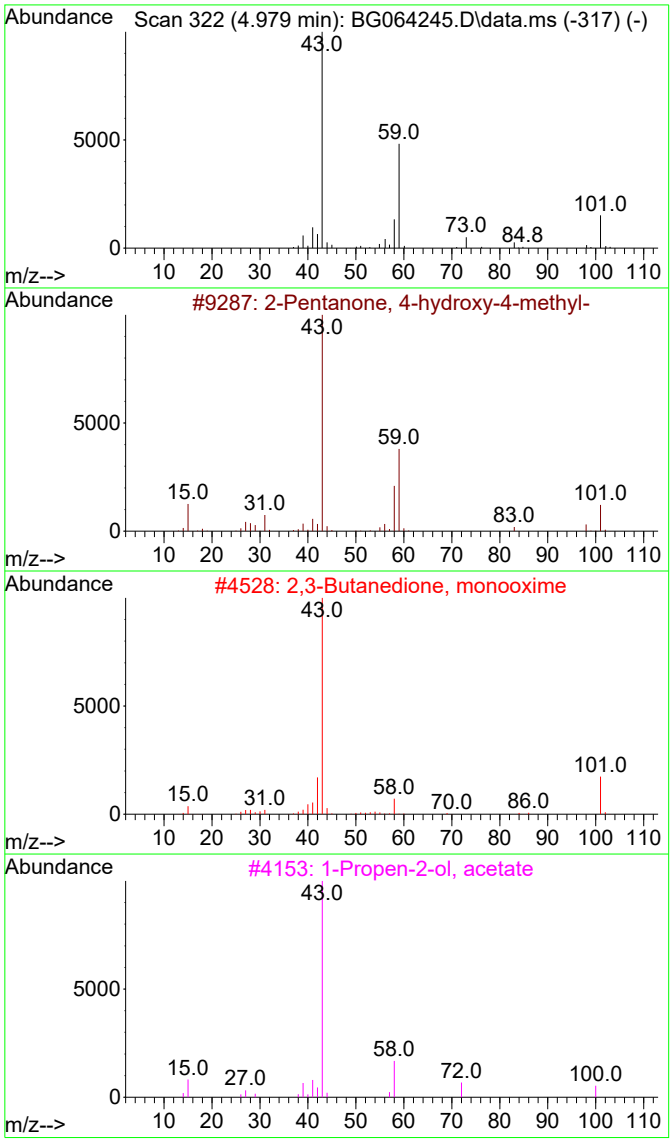
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

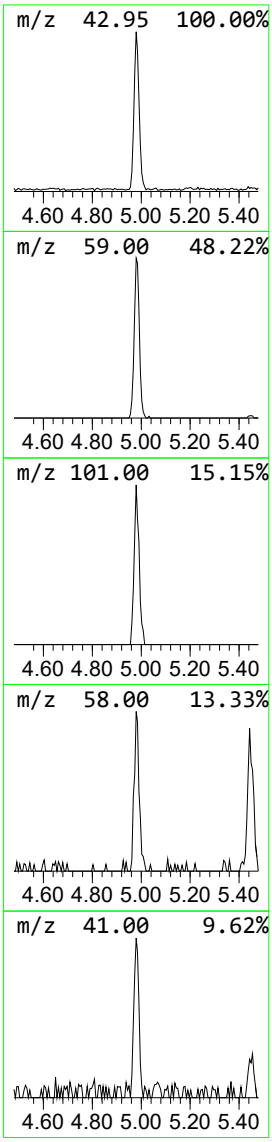
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.979	8.20 ng	109051	1,4-Dichlorobenzene-d4	7.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane	58	C4H10	000106-97-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064245.D
Acq On : 2 Sep 2025 14:43
Operator : RC/JU
Sample : Q2995-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT5427

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

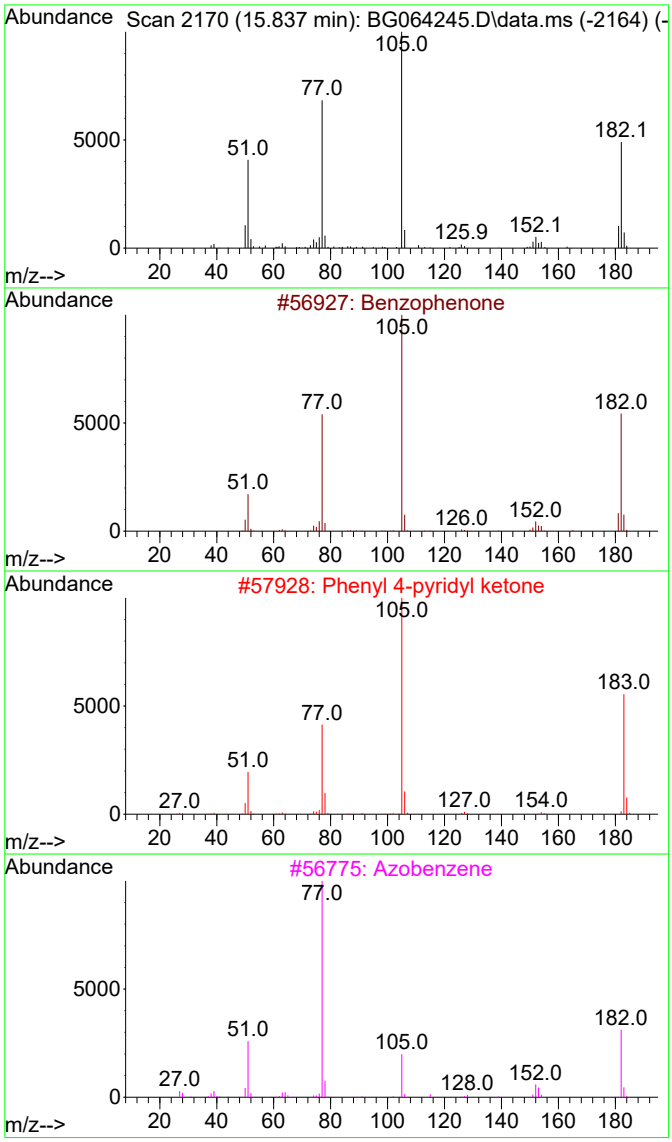
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

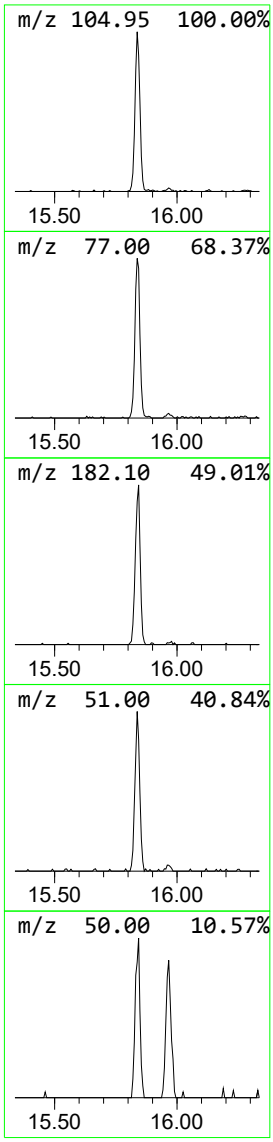
****

Peak Number 2 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.837	6.94 ng	184300	Acenaphthene-d10	14.480

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	52
3	Azobenzene	182	C12H10N2	000103-33-3	50
4	Benzoylformic acid	150	C8H6O3	000611-73-4	49
5	Benzoyl chloride	140	C7H5ClO	000098-88-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064245.D
Acq On : 2 Sep 2025 14:43
Operator : RC/JU
Sample : Q2995-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT5427

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

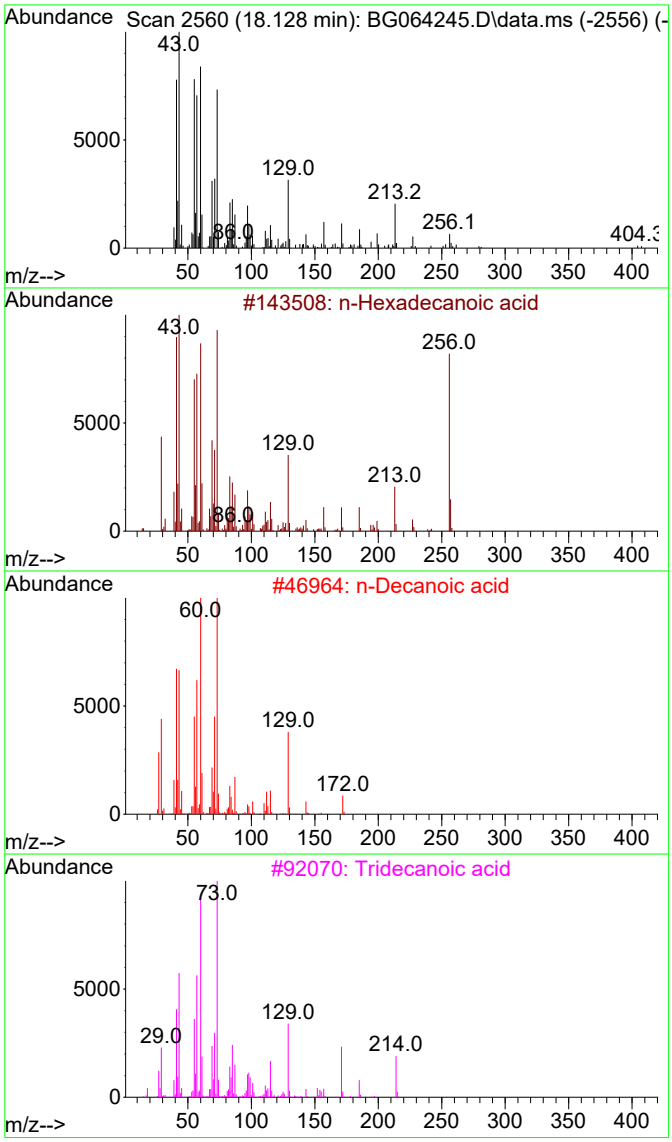
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

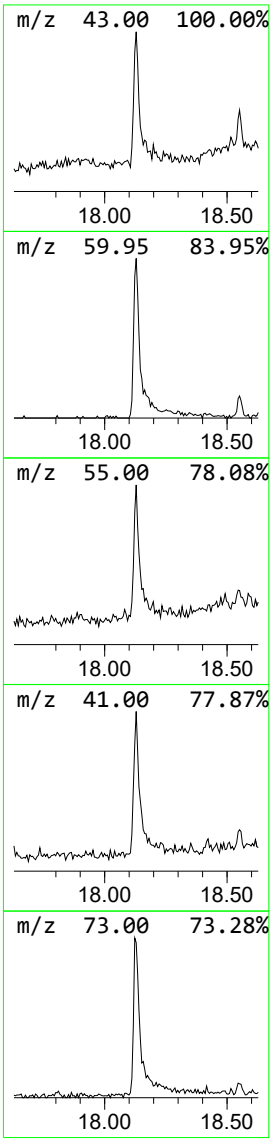
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.128	9.77 ng	319280	Phenanthrene-d10	17.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	n-Decanoic acid	172	C10H20O2	000334-48-5	60
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Octadecanoic acid	284	C18H36O2	000057-11-4	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064245.D
Acq On : 2 Sep 2025 14:43
Operator : RC/JU
Sample : Q2995-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT5427

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

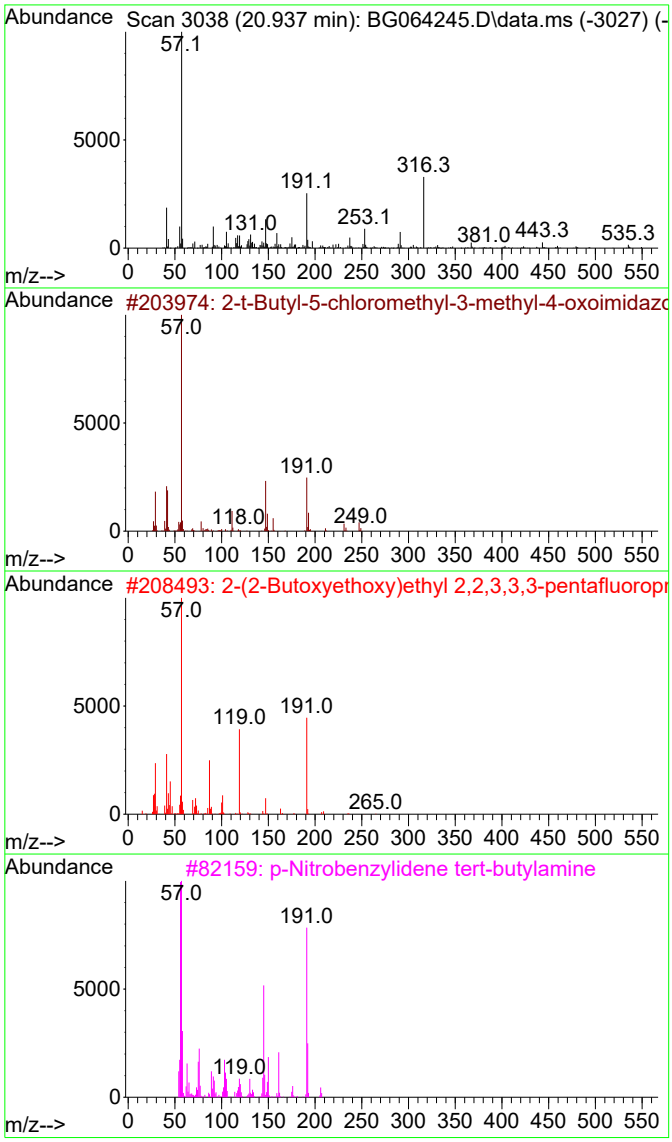
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

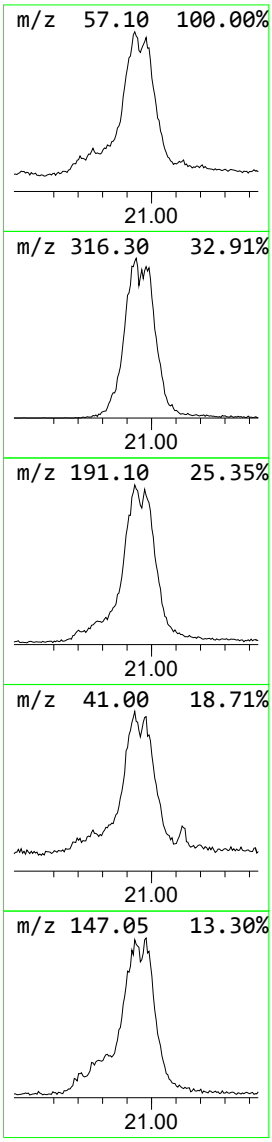
****

Peak Number 4 unknown20.937 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.937	70.77 ng	2516150	Chrysene-d12	21.454

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-t-Butyl-5-chloromethyl-3-methy...	304	C14H25ClN2O3	1000192-88-5	9
2	2-(2-Butoxyethoxy)ethyl 2,2,3,3,...	308	C11H17F5O4	1000351-98-7	9
3	p-Nitrobenzylidene tert-butylamine	206	C11H14N2O2	000718-36-5	5
4	1,4-Epoxynaphthalene-1(2H)-metha...	344	C23H36O2	056771-86-9	4
5	5(1-Ethoxycarbonyl-1,4-dihydropy...	293	C14H15NO6	142131-81-5	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064245.D
Acq On : 2 Sep 2025 14:43
Operator : RC/JU
Sample : Q2995-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT5427

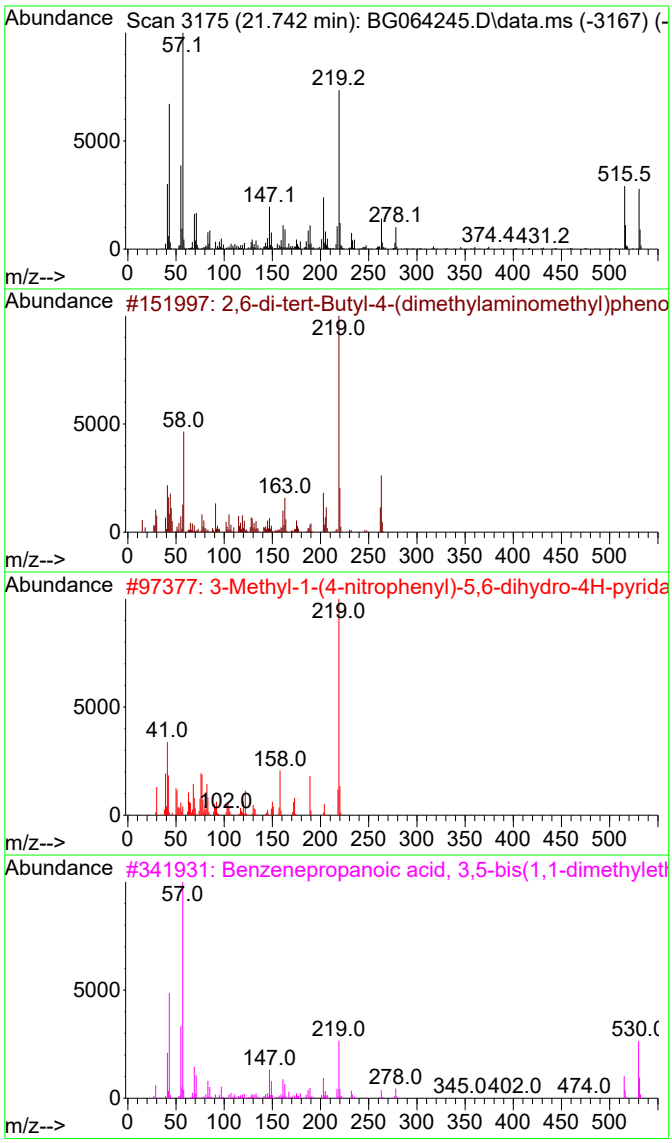
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

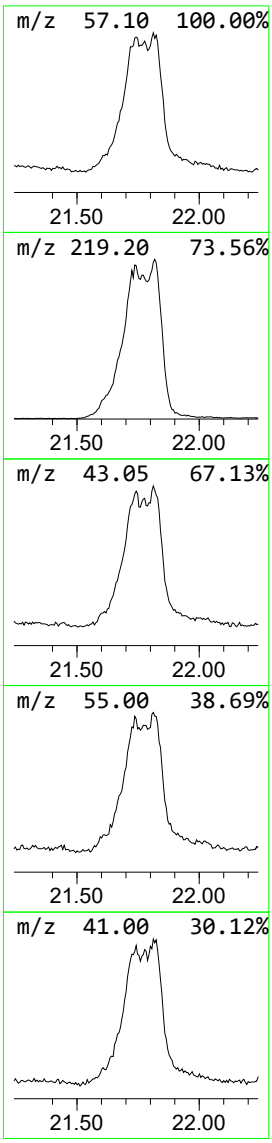
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2,6-di-tert-Butyl-4-(dimeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.742	55.00 ng	1955670	Chrysene-d12	21.454

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-di-tert-Butyl-4-(dimethylami...	263	C17H29NO	000088-27-7	70
2	3-Methyl-1-(4-nitrophenyl)-5,6-d...	219	C11H13N3O2	1010443-89-9	43
3	Benzenepropanoic acid, 3,5-bis(1...	530	C35H62O3	002082-79-3	42
4	Succinic acid, di(2-propylphenyl...	354	C22H26O4	1000349-60-4	38
5	Isophthalic acid, pentyl 1-pheny...	354	C22H26O4	1000344-55-0	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064245.D
Acq On : 2 Sep 2025 14:43
Operator : RC/JU
Sample : Q2995-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT5427

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.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
2-Pentanone, 4-...	4.979	8.2	ng	109051	1	7.858	266052	20.0
Benzophenone	15.837	6.9	ng	184300	3	14.480	531010	20.0
n-Hexadecanoic ...	18.128	9.8	ng	319280	4	17.224	653355	20.0
unknown20.937	20.937	70.8	ng	2516150	5	21.454	711128	20.0
2,6-di-tert-But...	21.742	55.0	ng	1955670	5	21.454	711128	20.0