LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

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_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026083.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.290	394	400	409	rBV	3314898	4814663	23.24%	5.360%
2	6.849	657	665	673	rBV	2078612	3214541	15.52%	3.578%
3	7.678	799	806	813	rBV	1145764	1787867	8.63%	1.990%
4	8.819	992	1000	1011	rVB	3798951	6178665	29.82%	6.878%
5	10.449	1267	1277	1284	rBV	1477820	2547227	12.29%	2.836%
6	12.925	1690	1698	1707	rBV	8598422	13887928	67.03%	15.460%
7	14.119	1896	1901	1910	rBV	367878	629270	3.04%	0.701%
8	14.319	1928	1935	1941	rBV	2210208	3511643	16.95%	3.909%
9	15.578	2145	2149	2159	rVB	122249	232138	1.12%	0.258%
10	15.707	2165	2171	2179	rVB	512463	760107	3.67%	0.846%
11	15.842	2187	2194	2204	rBV	7932303	11931932	57.59%	13.283%
12	16.013	2218	2223	2231	rVB4	170162	318769	1.54%	0.355%
13	16.372	2280	2284	2289	rBV2	172534	245252	1.18%	0.273%
14	16.442	2289	2296	2308	rBV	2245147	3722799	17.97%	4.144%
15	17.137	2407	2414	2421	rVB	2605411	4026399	19.43%	4.482%
16	18.089	2571	2576	2583	rBV	547837	858206	4.14%	0.955%
17	19.425	2800	2803	2813	rBV	199666	311143	1.50%	0.346%
18	19.678	2841	2846	2853	rBV	292361	486838	2.35%	0.542%
19	19.872	2873	2879	2885	rBV	14921848	20718032	100.00%	23.063%
20	21.583	3164	3170	3176	rVB	2932573	4531390	21.87%	5.044%
21	24.901	3727	3734	3753	rVB	1636197	5116484	24.70%	5.696%

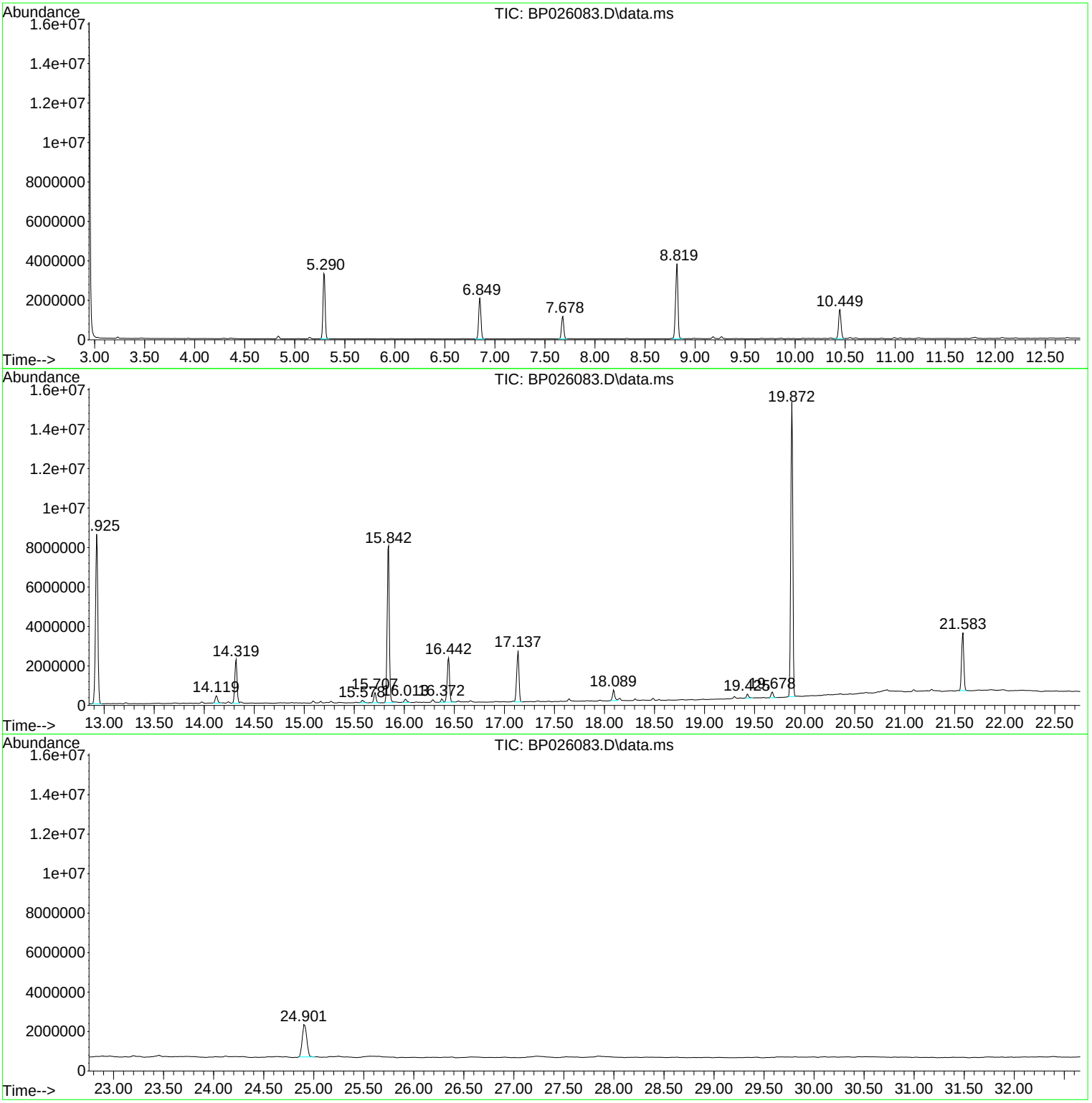
Sum of corrected areas: 89831293

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.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_P\Data\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

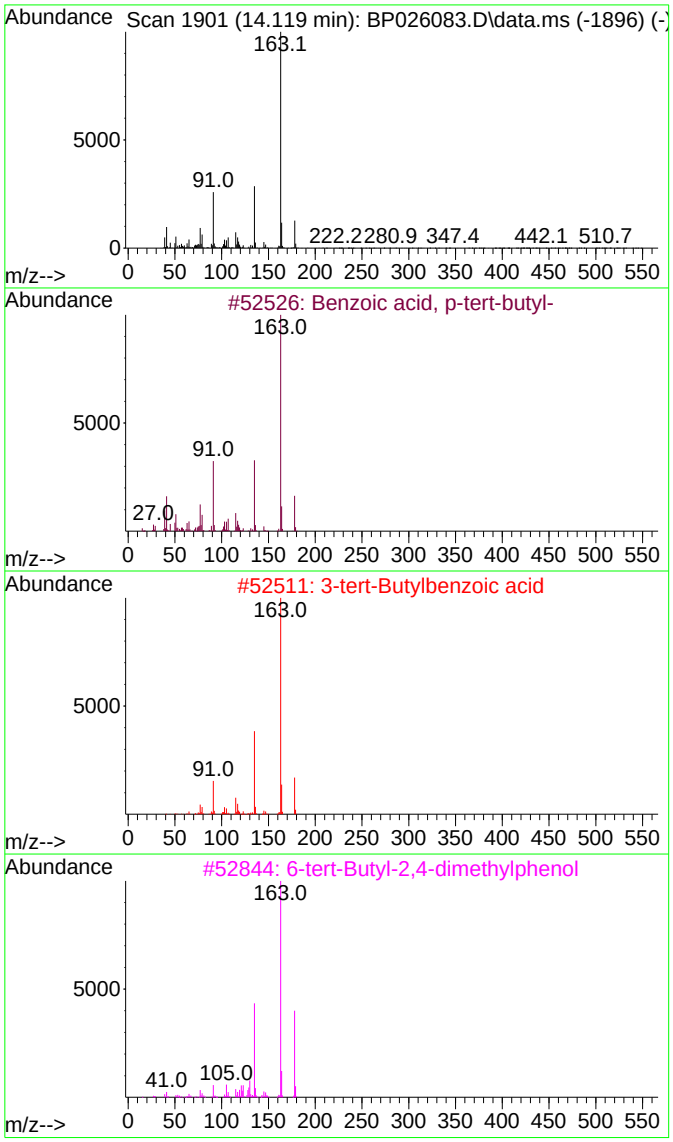
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

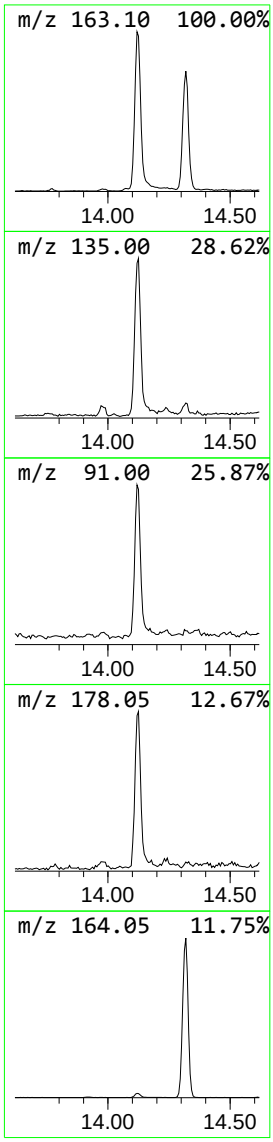
****

Peak Number 1 Benzoic acid, p-tert-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.119	3.58 ng	629270	Acenaphthene-d10	14.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	96
2	3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	93
3	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	72
4	Benzaldehyde, 5-(1,1-dimethyleth...	178	C11H14O2	002725-53-3	72
5	Benzoic acid, 4-acetyl-, methyl ...	178	C10H10O3	003609-53-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

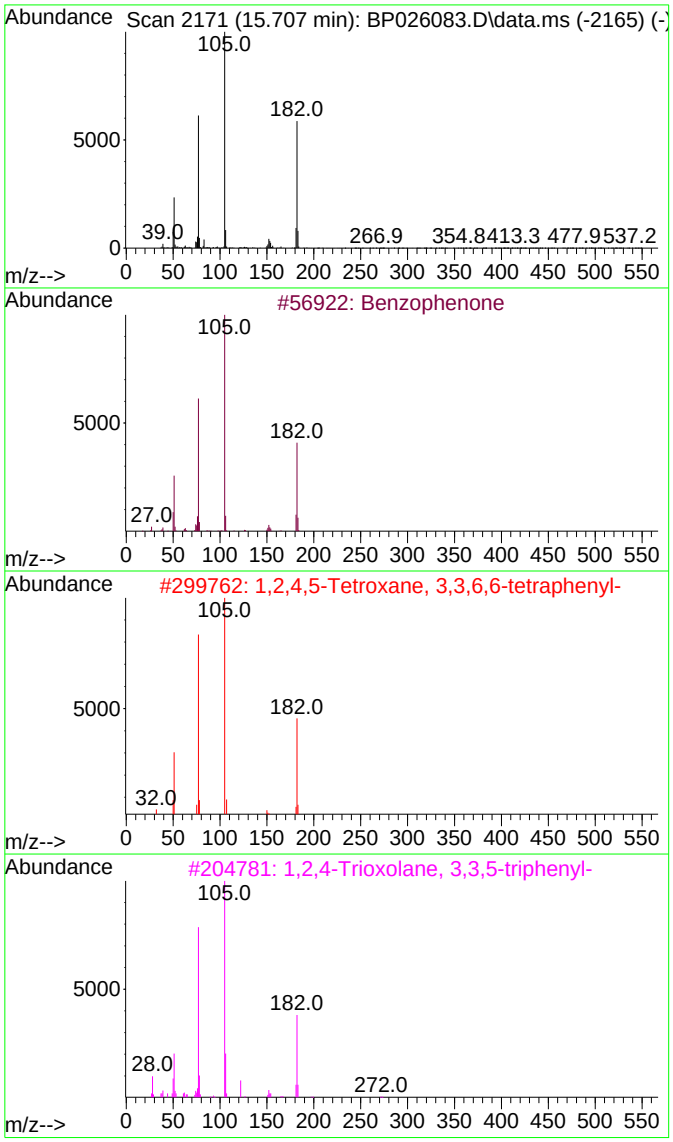
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

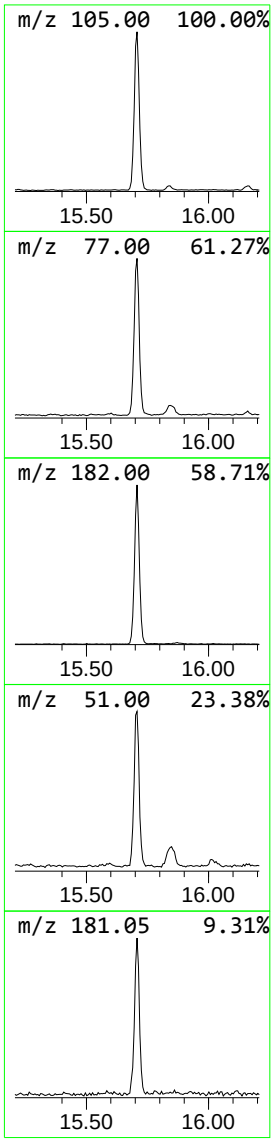
****

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.707	4.33 ng	760107	Acenaphthene-d10	14.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	50
4	Azobenzene	182	C12H10N2	000103-33-3	47
5	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

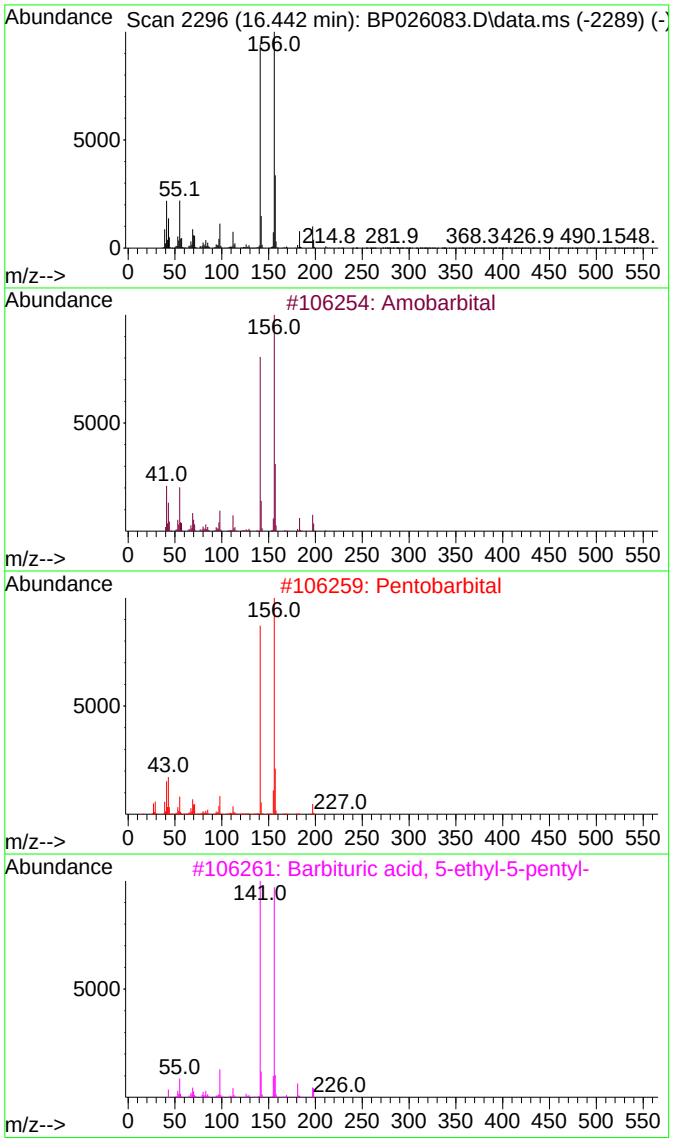
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

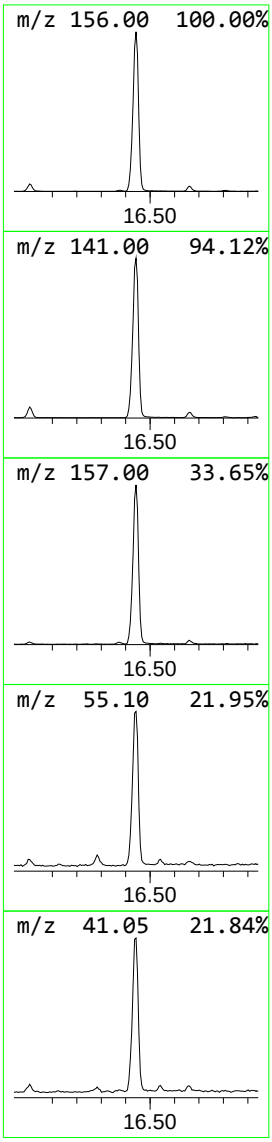
****

Peak Number 3 Amobarbital Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.442	18.49 ng	3722800	Phenanthrene-d10	17.137

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amobarbital	226	C11H18N2O3	000057-43-2	91
2	Pentobarbital	226	C11H18N2O3	000076-74-4	86
3	Barbituric acid, 5-ethyl-5-pentyl-	226	C11H18N2O3	000115-58-2	72
4	Butabarbital	212	C10H16N2O3	000125-40-6	72
5	Silane, trimethyl-2-thienyl-	156	C7H12SSi	018245-28-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

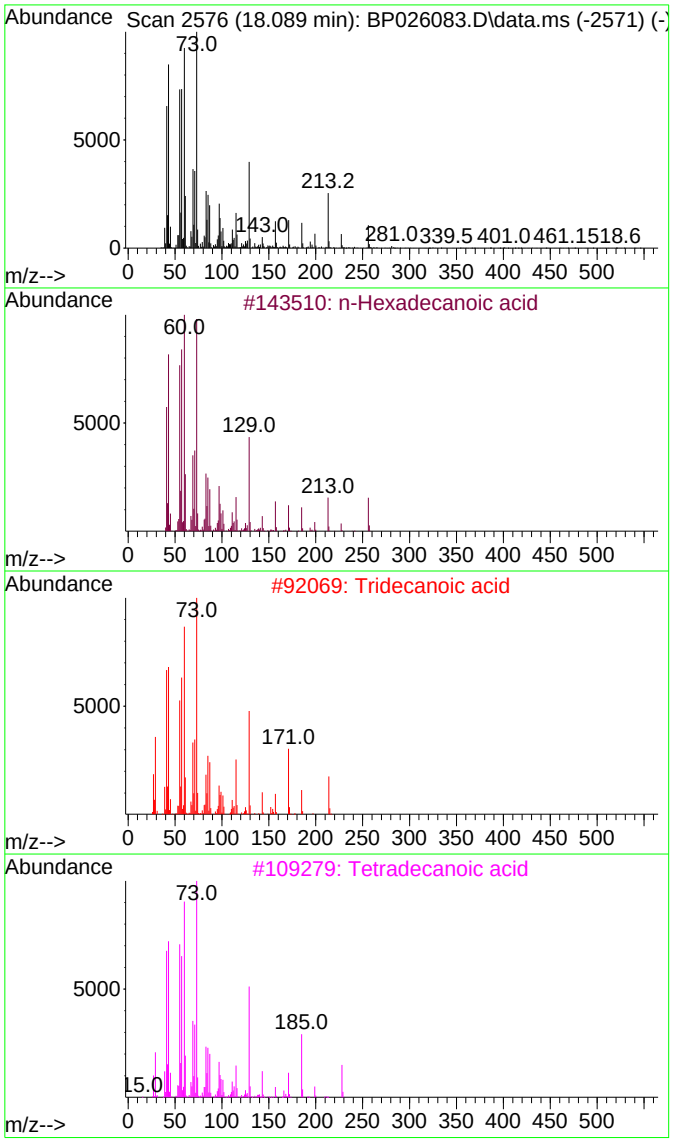
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

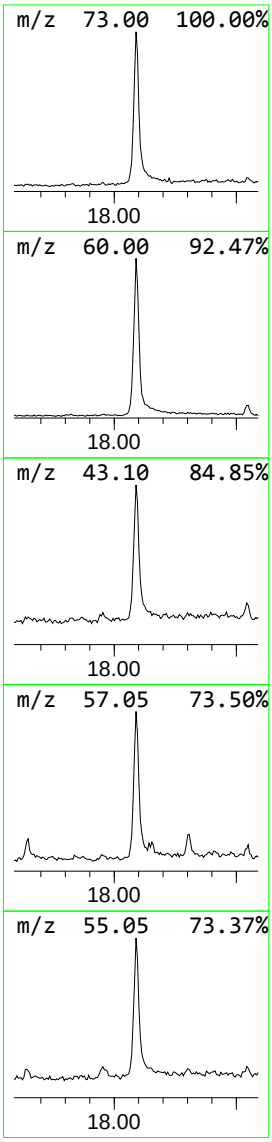
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.089	4.26 ng	858206	Phenanthrene-d10	17.137

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Octadecanoic acid	284	C18H36O2	000057-11-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

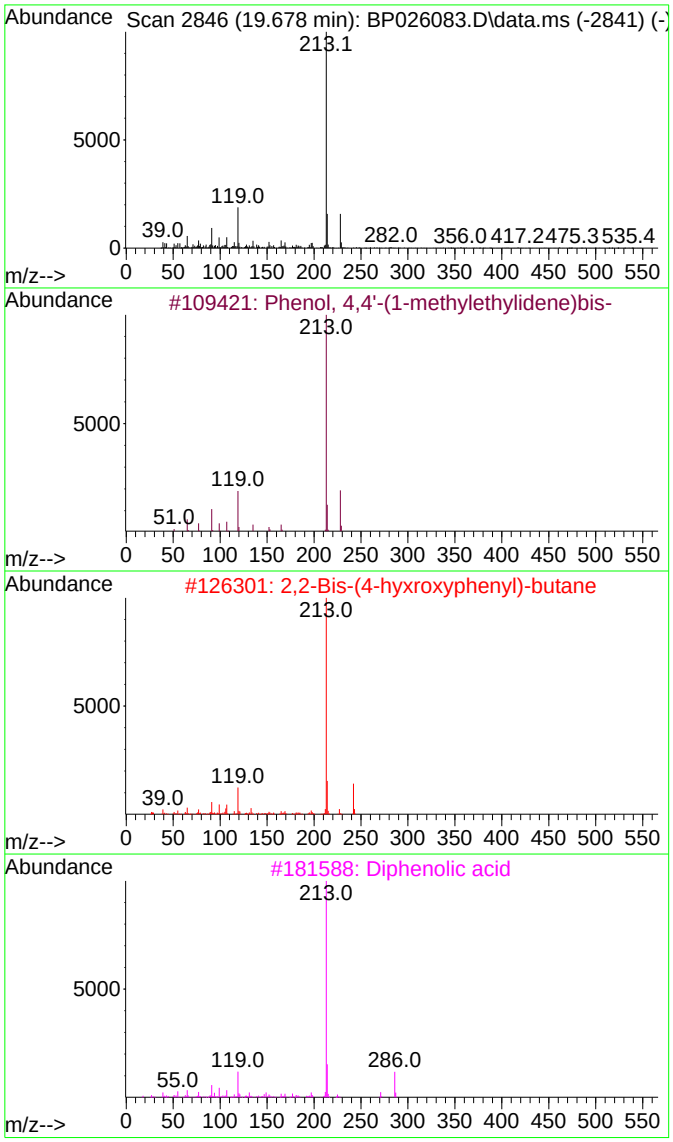
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

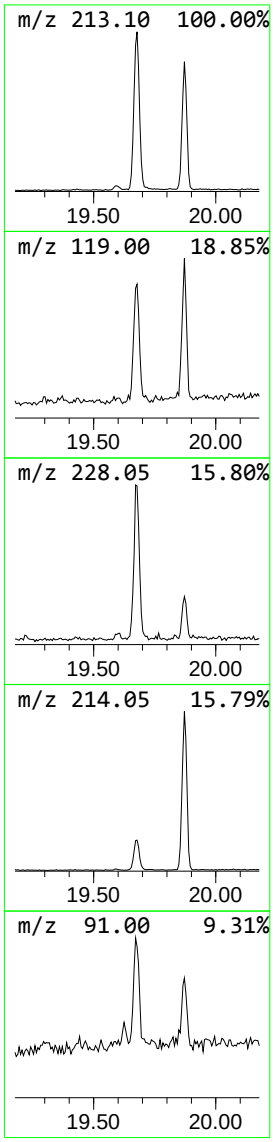
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenol, 4,4'-(1-methylethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.678	2.15 ng	486838	Chrysene-d12	21.583

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97
2	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	78
3	Diphenolic acid	286	C17H18O4	000126-00-1	59
4	2,2-Bis(4-propionoxyphenyl)propane	340	C21H24O4	003711-19-1	59
5	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026083.D
Acq On : 06 Nov 2025 19:07
Operator : RC/JU
Sample : Q3534-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.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
Benzoic acid, p...	14.119	3.6	ng	629270	3	14.319	3511640	20.0
Benzophenone	15.707	4.3	ng	760107	3	14.319	3511640	20.0
Amobarbital	16.442	18.5	ng	3722800	4	17.137	4026400	20.0
n-Hexadecanoic ...	18.089	4.3	ng	858206	4	17.137	4026400	20.0
Phenol, 4,4'-(1...	19.678	2.1	ng	486838	5	21.583	4531390	20.0