LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024714.D
Acq On : 20 May 2025 19:21
Operator : RC/JU
Sample : Q2064-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RW8-SP100-90-20250514

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-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024714.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.293	368	375	392	rBV	661625	1090680	11.08%	3.302%
2	6.863	636	642	665	rBV	298151	624286	6.34%	1.890%
3	7.657	770	777	787	rBV	363278	603112	6.13%	1.826%
4	8.804	961	972	994	rBV	949301	1708368	17.36%	5.172%
5	9.010	994	1007	1019	rBV	298044	744630	7.57%	2.254%
6	10.428	1237	1248	1268	rBV	418614	815396	8.29%	2.469%
7	12.534	1602	1606	1614	rVB	136836	204018	2.07%	0.618%
8	12.898	1659	1668	1686	rBV	3078965	4623250	46.98%	13.997%
9	14.128	1869	1877	1889	rBV	202305	423562	4.30%	1.282%
10	14.287	1898	1904	1913	rBV	850300	1224480	12.44%	3.707%
11	15.675	2134	2140	2153	rBV	122727	196372	2.00%	0.595%
12	15.810	2156	2163	2184	rBV	3389178	5259124	53.44%	15.922%
13	17.086	2374	2380	2394	rBV	971634	1483661	15.08%	4.492%
14	18.027	2535	2540	2549	rBV2	84208	178247	1.81%	0.540%
15	19.810	2837	2843	2855	rBV	6493538	9841657	100.00%	29.796%
16	21.516	3127	3133	3150	rBV	891959	1762809	17.91%	5.337%
17	22.510	3297	3302	3309	rVB	175638	349532	3.55%	1.058%
18	24.804	3683	3692	3716	rVB	598665	1896563	19.27%	5.742%

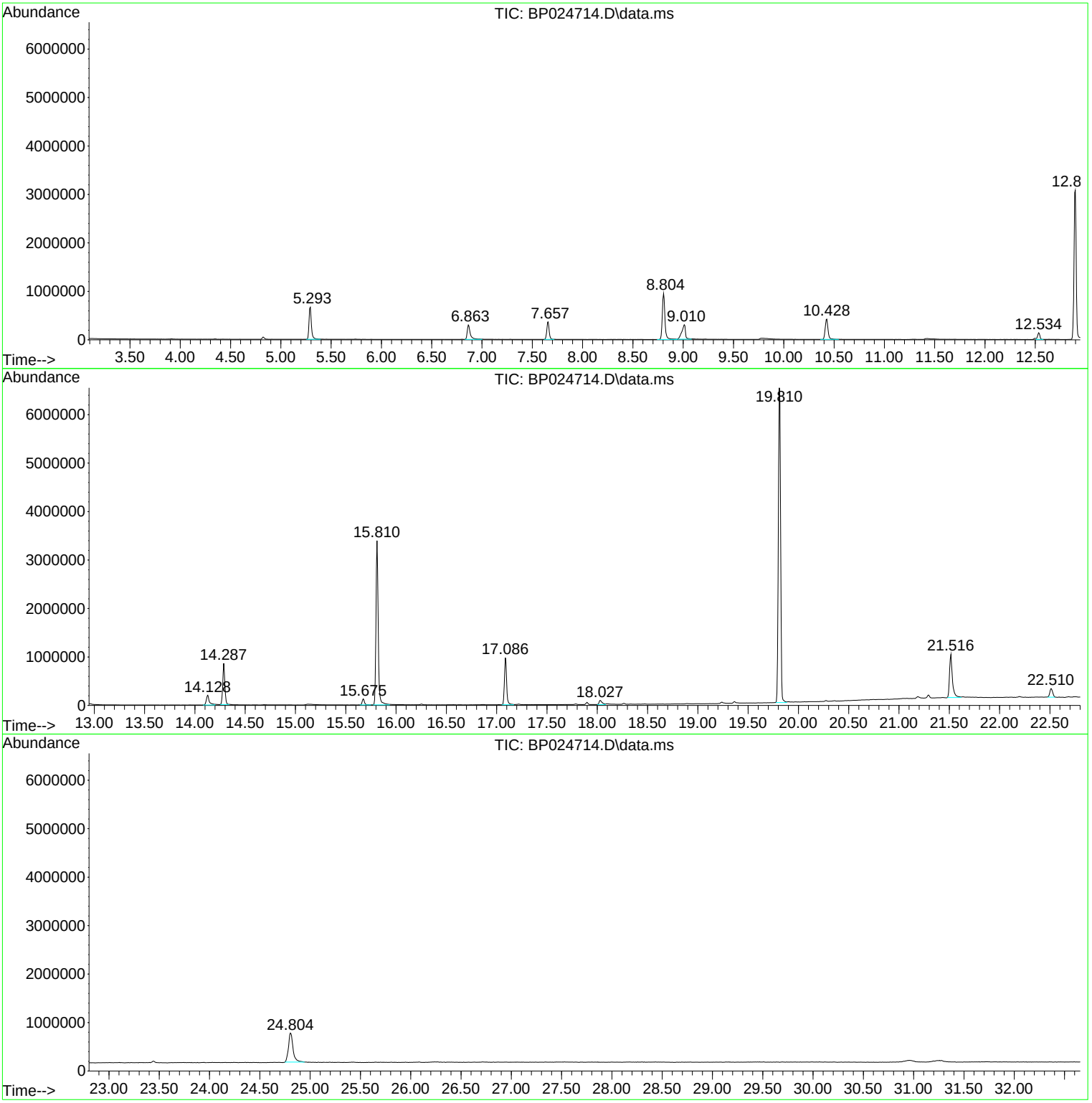
Sum of corrected areas: 33029747

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024714.D
Acq On : 20 May 2025 19:21
Operator : RC/JU
Sample : Q2064-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RW8-SP100-90-20250514

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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\BP052025\
Data File : BP024714.D
Acq On : 20 May 2025 19:21
Operator : RC/JU
Sample : Q2064-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RW8-SP100-90-20250514

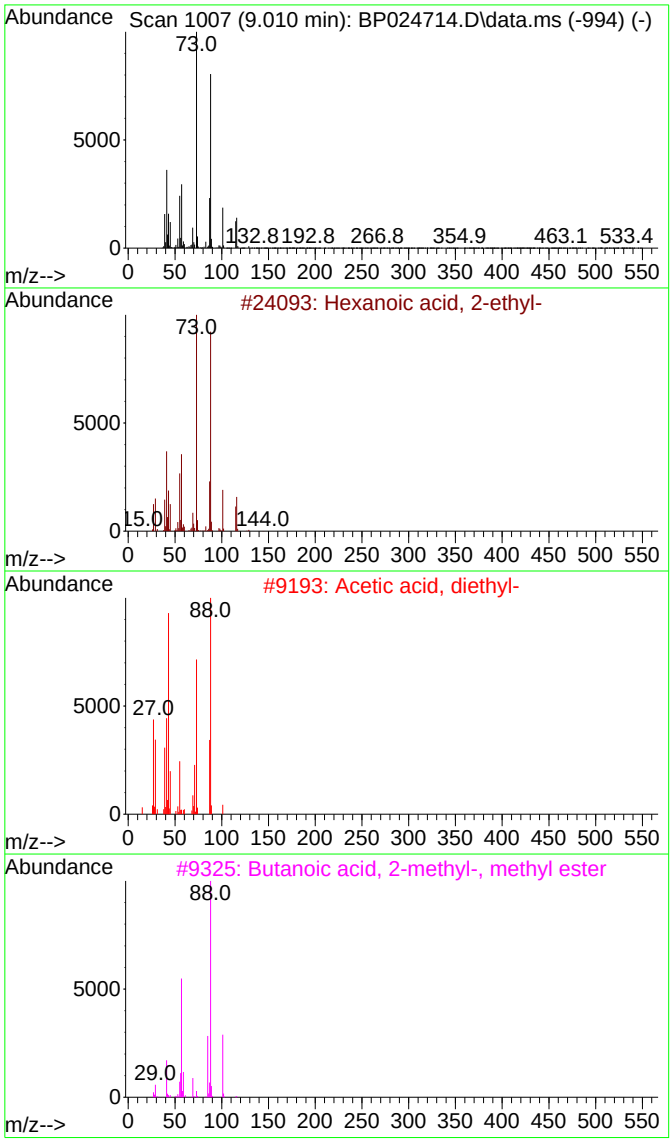
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

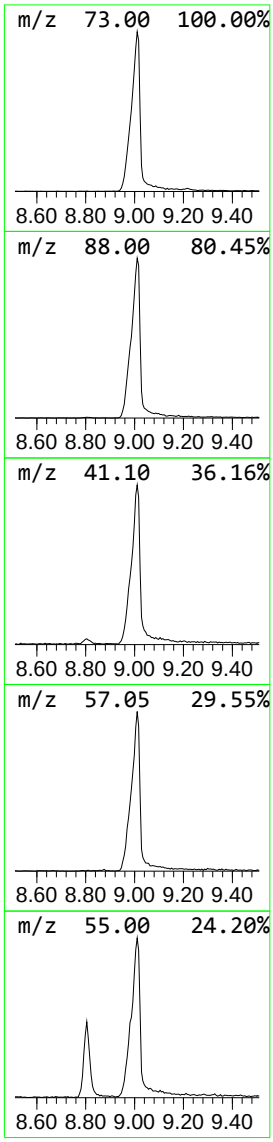
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.010	24.69 ng	744630	1,4-Dichlorobenzene-d4	7.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	91
2	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	59
3	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	50
4	1,4-Dioxane	88	C4H8O2	000123-91-1	47
5	2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024714.D
Acq On : 20 May 2025 19:21
Operator : RC/JU
Sample : Q2064-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RW8-SP100-90-20250514

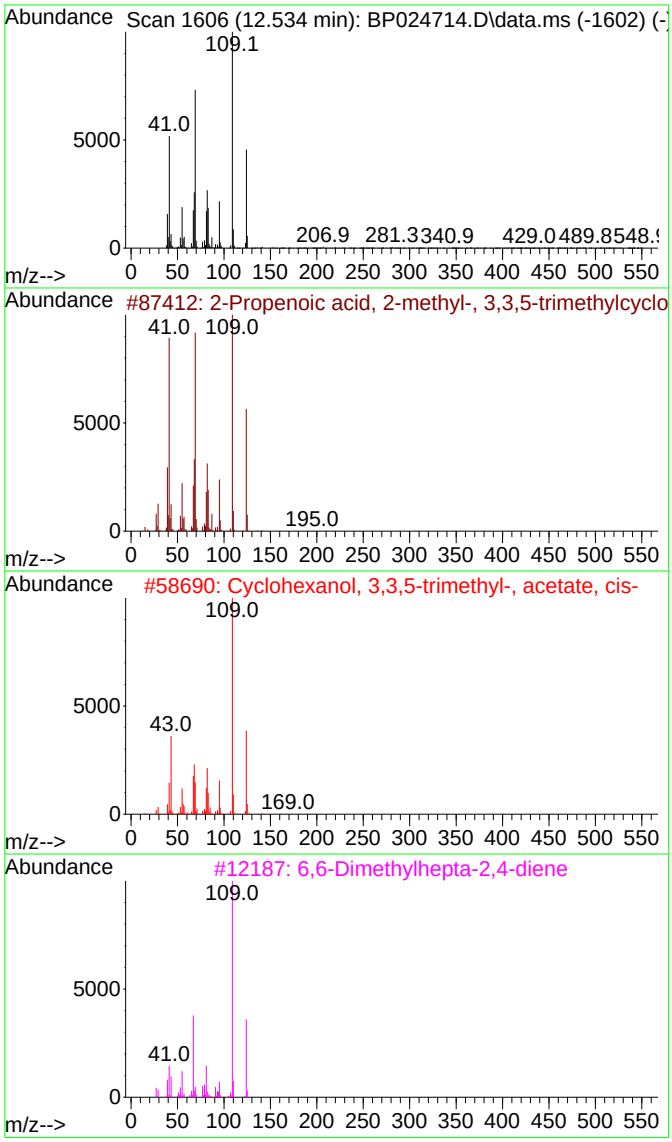
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

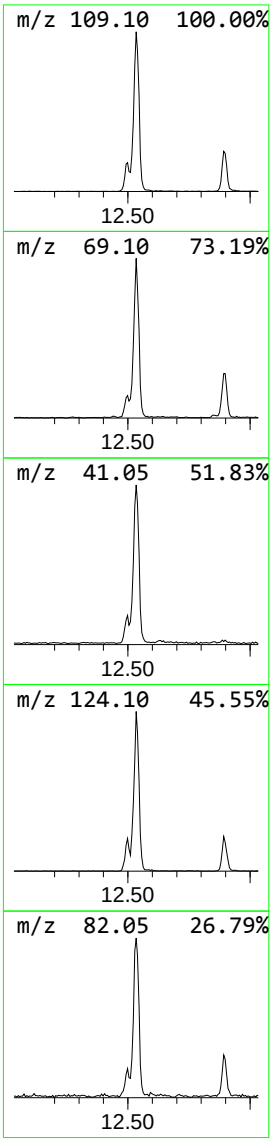
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Propenoic acid, 2-methyl-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.534	3.33 ng	204018	Acenaphthene-d10	14.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 2-methyl-, 3,3...	210	C13H22O2	007779-31-9	64
2	Cyclohexanol, 3,3,5-trimethyl-, ...	184	C11H20O2	024691-16-5	58
3	6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	43
4	3,3,5-Trimethylcyclohexyl butyrate	212	C13H24O2	1000430-81-6	38
5	2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024714.D
Acq On : 20 May 2025 19:21
Operator : RC/JU
Sample : Q2064-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RW8-SP100-90-20250514

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

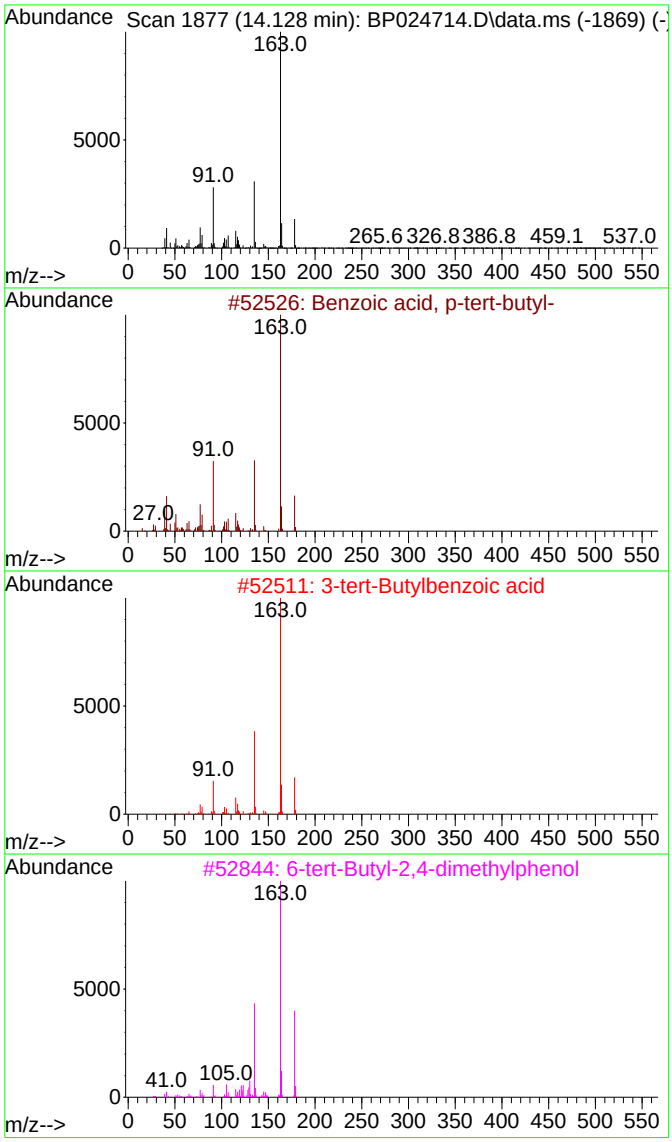
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

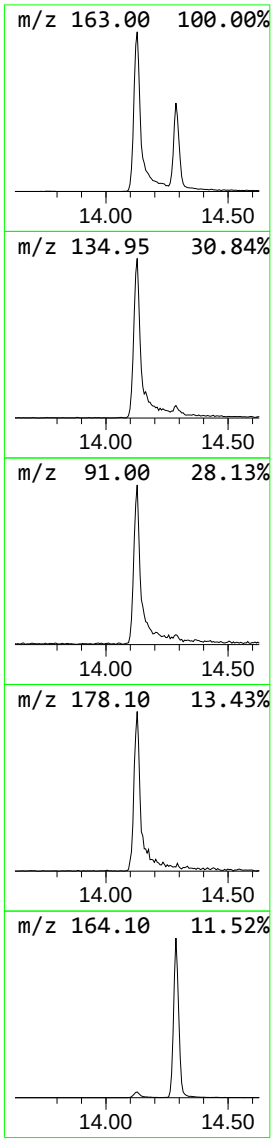
****

Peak Number 3 Benzoic acid, p-tert-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.128	6.92 ng	423562	Acenaphthene-d10	14.287

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	64
4	Benzaldehyde, 5-(1,1-dimethyleth...	178	C11H14O2	002725-53-3	64
5	Benzoic acid, 4-acetyl-, methyl ...	178	C10H10O3	003609-53-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024714.D
Acq On : 20 May 2025 19:21
Operator : RC/JU
Sample : Q2064-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RW8-SP100-90-20250514

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

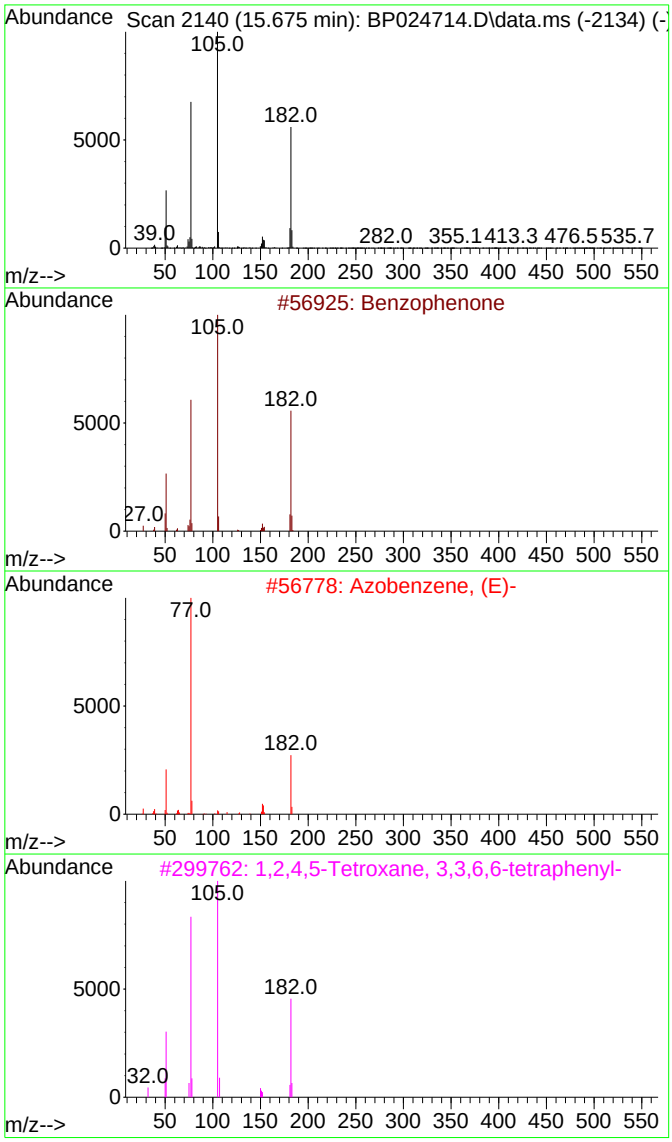
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

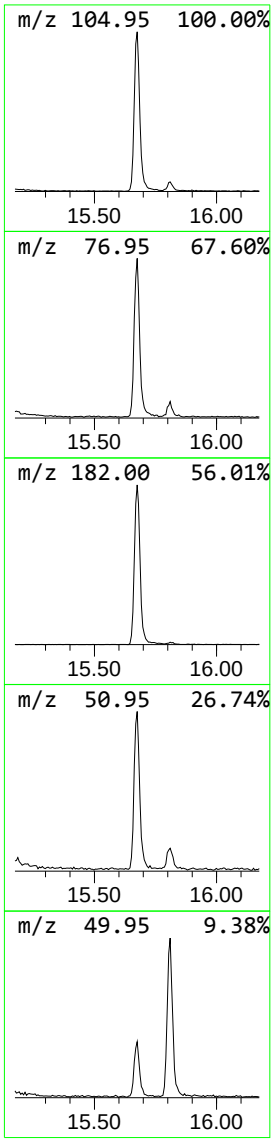
****

Peak Number 4 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.675	3.21 ng	196372	Acenaphthene-d10	14.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene, (E)-	182	C12H10N2	017082-12-1	64
3	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
4	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	59
5	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024714.D
Acq On : 20 May 2025 19:21
Operator : RC/JU
Sample : Q2064-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RW8-SP100-90-20250514

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

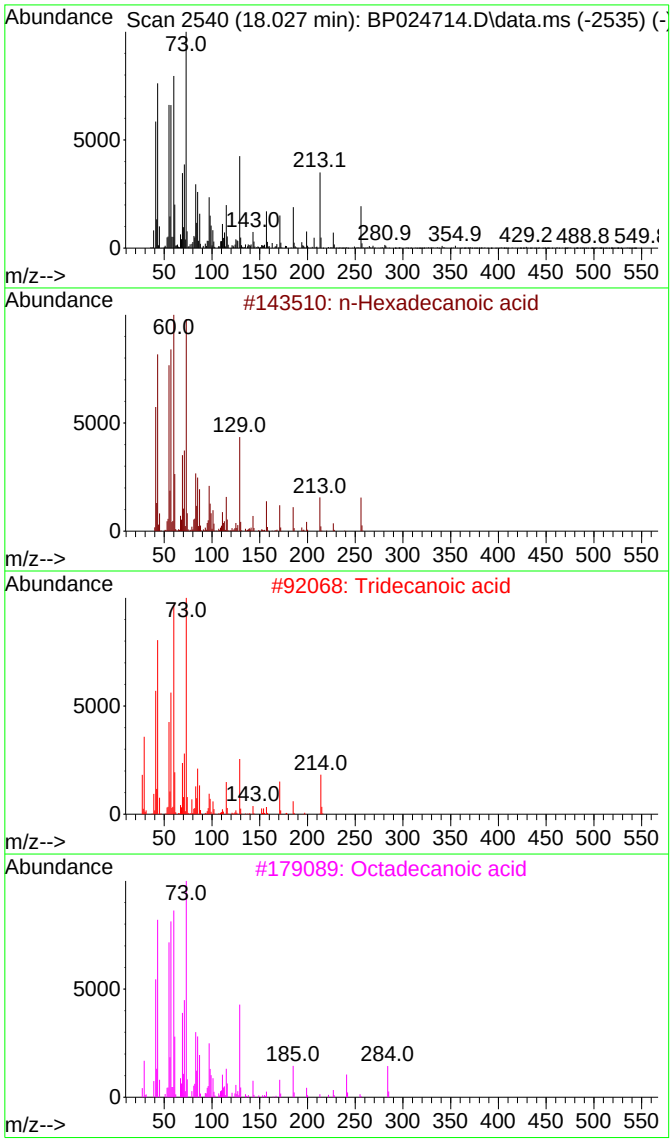
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

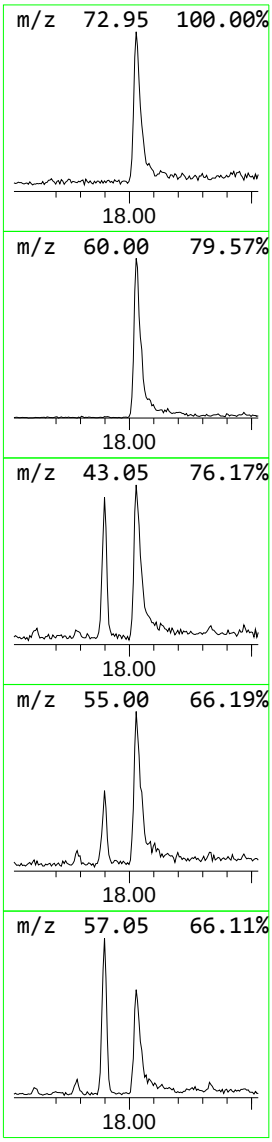
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.028	2.40 ng	178247	Phenanthrene-d10	17.086

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	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024714.D
Acq On : 20 May 2025 19:21
Operator : RC/JU
Sample : Q2064-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RW8-SP100-90-20250514

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

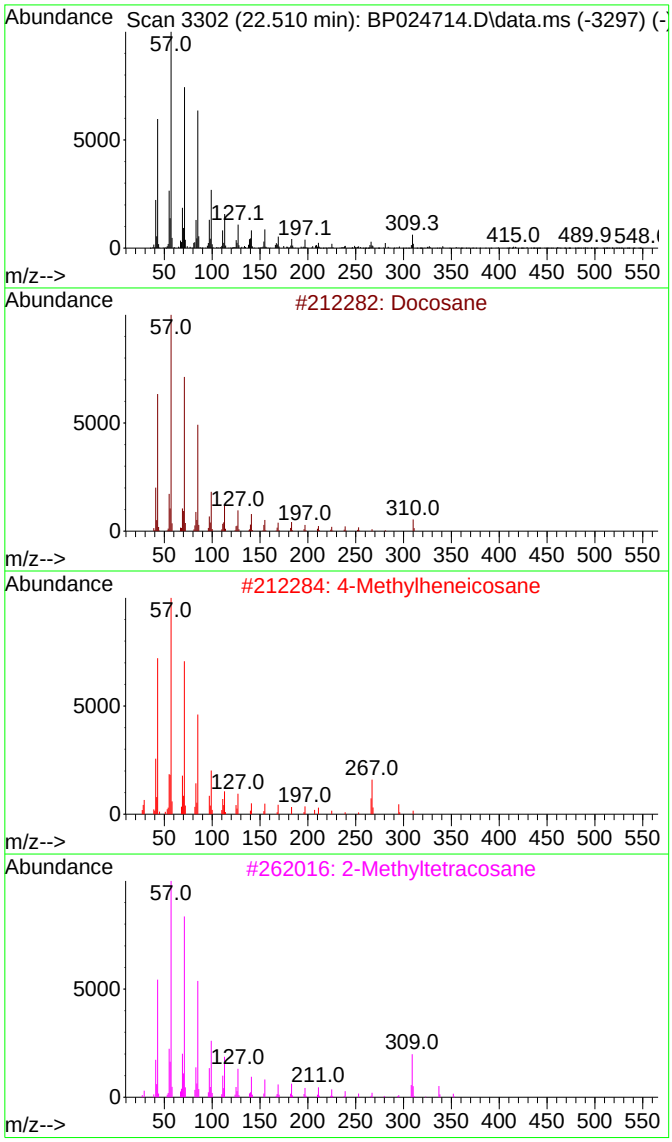
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

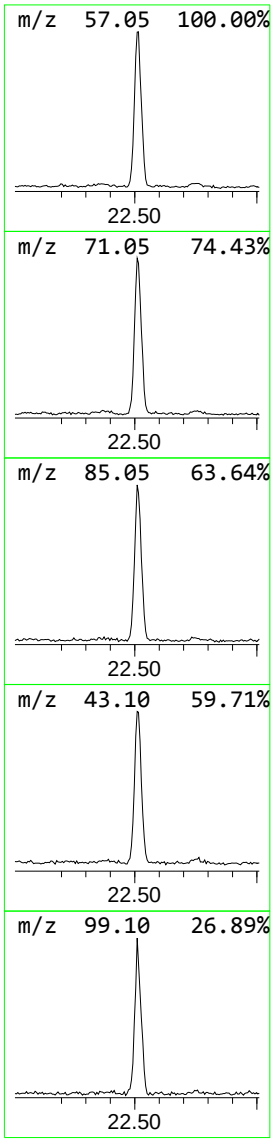
****

Peak Number 6 Docosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.510	3.97 ng	349532	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	93
2	4-Methylheneicosane	310	C22H46	025117-29-7	93
3	2-Methyltetracosane	352	C25H52	001560-78-7	91
4	Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	91
5	Octacosane, 1-iodo-	520	C28H57I	1000406-32-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024714.D
Acq On : 20 May 2025 19:21
Operator : RC/JU
Sample : Q2064-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RW8-SP100-90-20250514

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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
Hexanoic acid, ...	9.010	24.7	ng	744630	1	7.657	603112	20.0
2-Propenoic aci...	12.534	3.3	ng	204018	3	14.287	1224480	20.0
Benzoic acid, p...	14.128	6.9	ng	423562	3	14.287	1224480	20.0
Benzophenone	15.675	3.2	ng	196372	3	14.287	1224480	20.0
n-Hexadecanoic ...	18.028	2.4	ng	178247	4	17.086	1483660	20.0
Docosane	22.510	4.0	ng	349532	5	21.515	1762810	20.0