LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024511.D
Acq On : 02 May 2025 16:19
Operator : RC/JU
Sample : Q1922-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-S

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024511.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.875	294	304	314	rBV	107191	158962	3.68%	0.636%
2	5.328	375	381	398	rBV	1098496	1600494	37.05%	6.406%
3	6.899	640	648	668	rBV	1034306	1811650	41.94%	7.251%
4	7.711	779	786	794	rBV	489890	767800	17.78%	3.073%
5	8.858	972	981	1001	rBV	613311	1013218	23.46%	4.055%
6	10.481	1249	1257	1271	rBV	595043	1061608	24.58%	4.249%
7	12.951	1670	1677	1697	rBV	1680831	2371172	54.90%	9.490%
8	14.340	1906	1913	1930	rBV	947828	1395183	32.30%	5.584%
9	15.181	2048	2056	2068	rBV	28478	56384	1.31%	0.226%
10	15.722	2142	2148	2164	rBV	317579	439014	10.16%	1.757%
11	15.857	2164	2171	2189	rBV	1643744	2338636	54.14%	9.360%
12	17.145	2383	2390	2402	rBV	1071111	1689216	39.11%	6.761%
13	17.839	2503	2508	2518	rVB	107607	156789	3.63%	0.628%
14	18.081	2544	2549	2557	rBV	281513	418383	9.69%	1.675%
15	18.151	2557	2561	2567	rVB	44692	69065	1.60%	0.276%
16	18.522	2619	2624	2630	rBV2	78062	137743	3.19%	0.551%
17	18.963	2694	2699	2708	rBV7	15755	44360	1.03%	0.178%
18	19.416	2772	2776	2786	rBV3	80402	146506	3.39%	0.586%
19	19.875	2848	2854	2865	rBV	3677321	4319308	100.00%	17.288%
20	20.616	2976	2980	2984	rVB2	64667	79447	1.84%	0.318%
21	21.269	3087	3091	3102	rVB3	95349	178785	4.14%	0.716%
22	21.598	3141	3147	3163	rBV2	1186806	2130389	49.32%	8.527%
23	21.769	3172	3176	3184	rVB	240367	376370	8.71%	1.506%
24	24.957	3709	3718	3729	rVB	812810	2224660	51.51%	8.904%

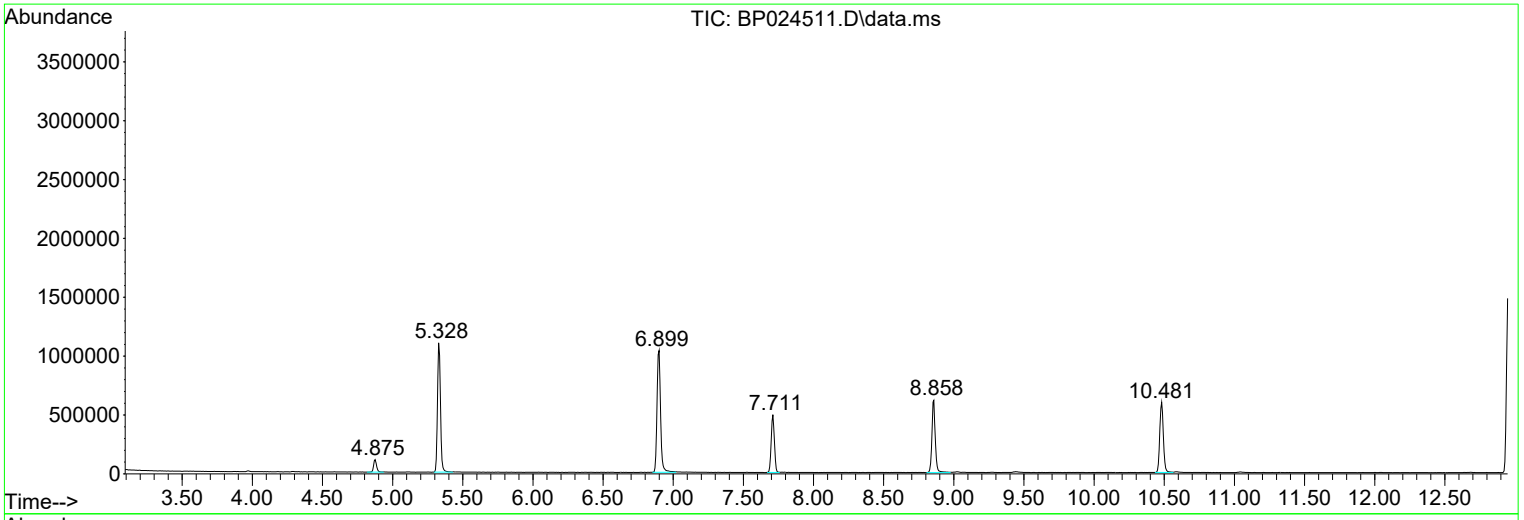
Sum of corrected areas: 24985142

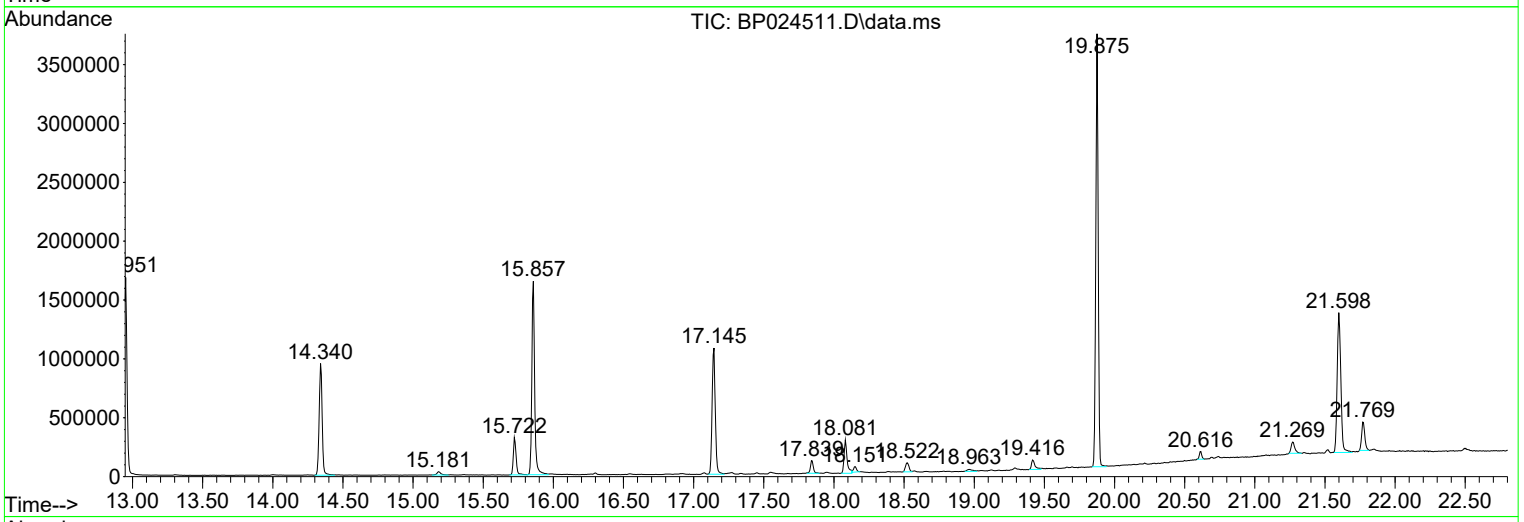
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024511.D
Acq On : 02 May 2025 16:19
Operator : RC/JU
Sample : Q1922-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

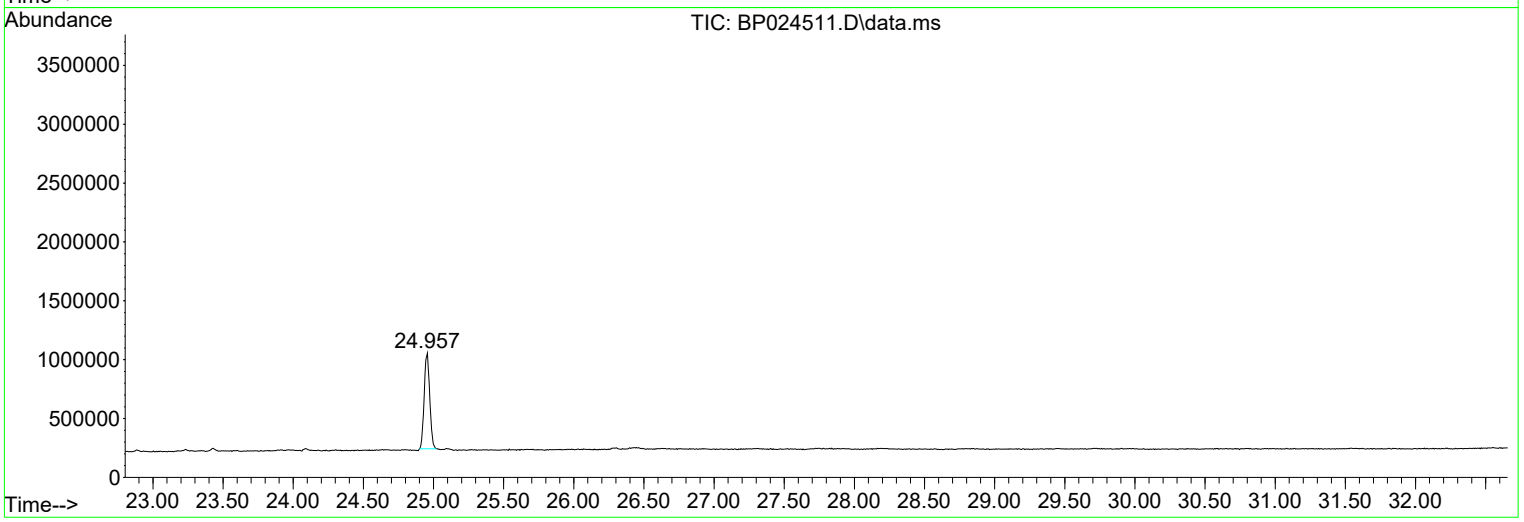
Instrument :
BNA_P
ClientSampleId :
MH-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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\BP050225\
Data File : BP024511.D
Acq On : 02 May 2025 16:19
Operator : RC/JU
Sample : Q1922-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-S

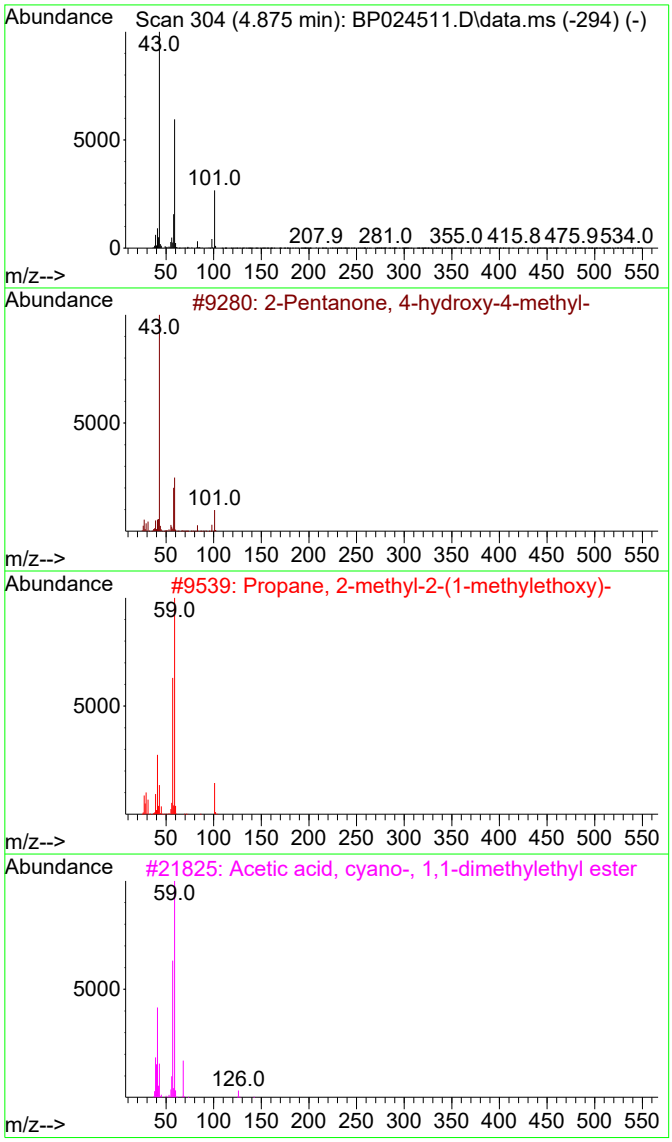
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

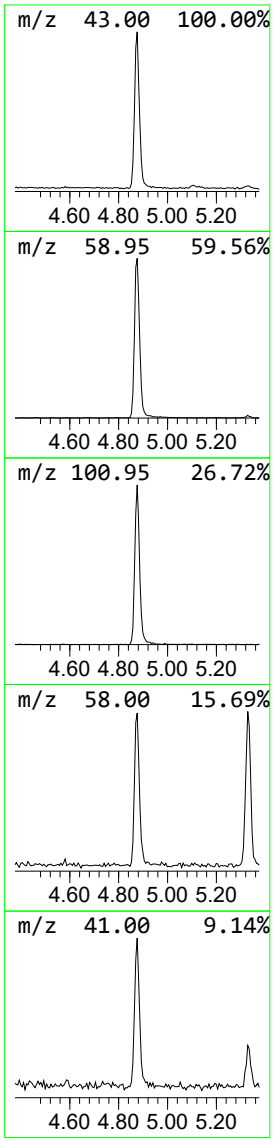
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.875	4.14 ng	158962	1,4-Dichlorobenzene-d4	7.711

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	50
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024511.D
Acq On : 02 May 2025 16:19
Operator : RC/JU
Sample : Q1922-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

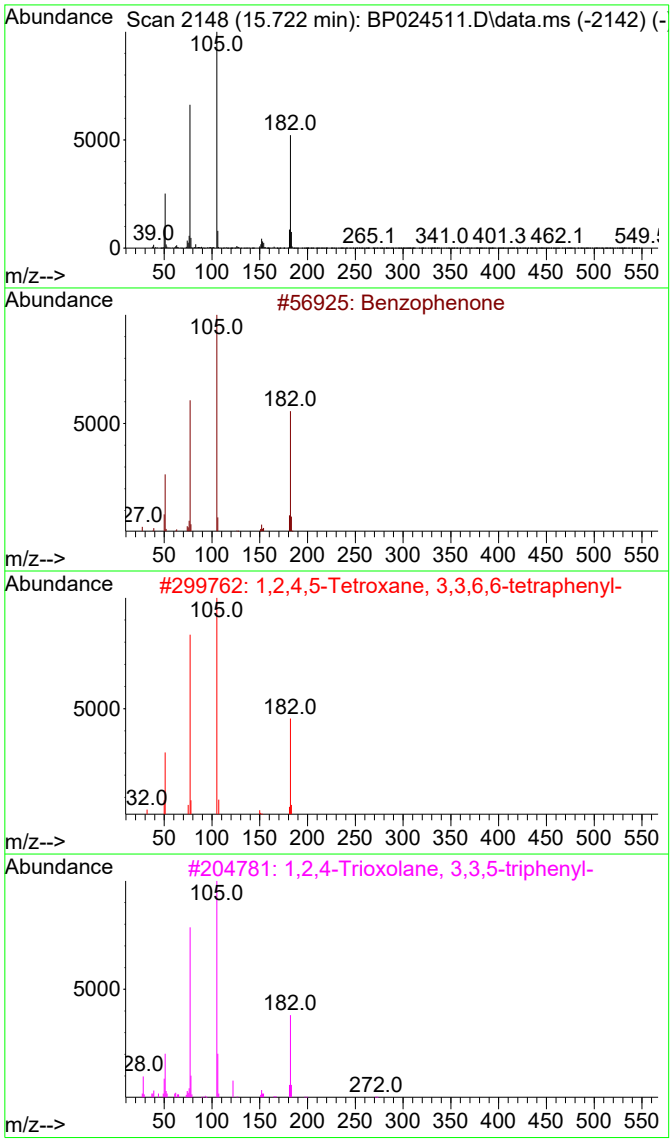
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

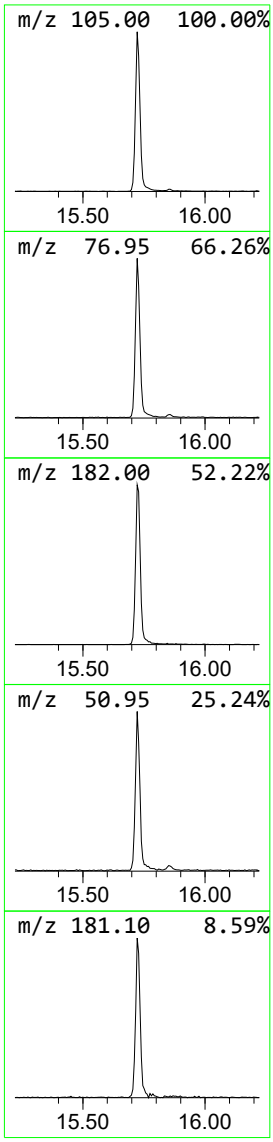
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.722	6.29 ng	439014	Acenaphthene-d10	14.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
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	64
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
5	Azobenzene	182	C12H10N2	000103-33-3	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024511.D
Acq On : 02 May 2025 16:19
Operator : RC/JU
Sample : Q1922-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

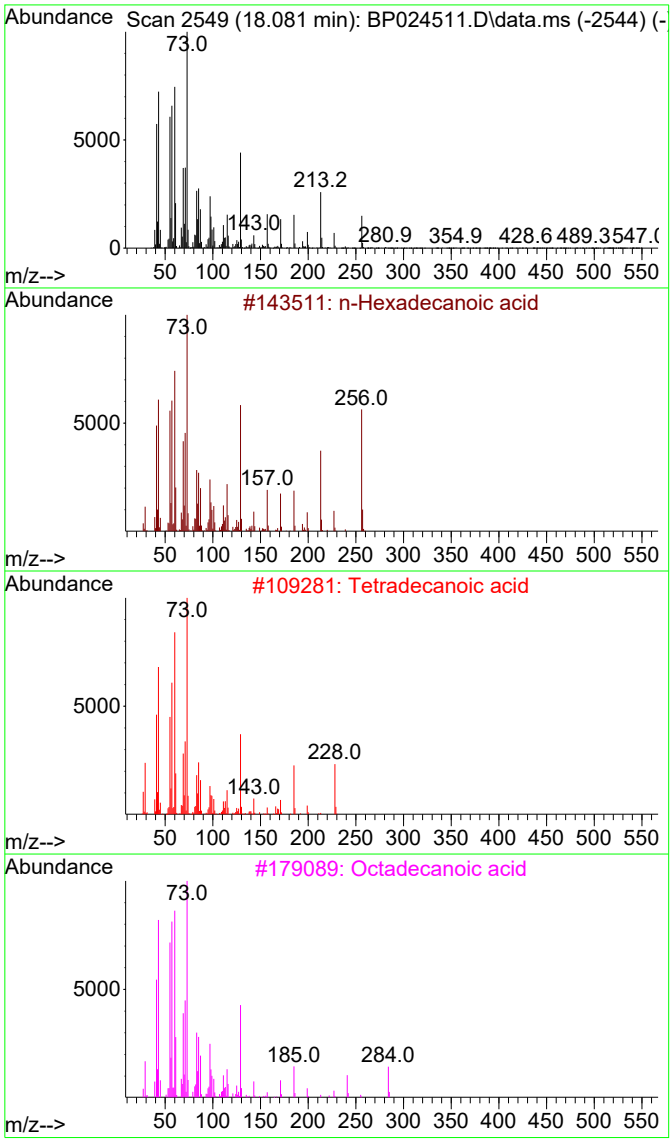
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

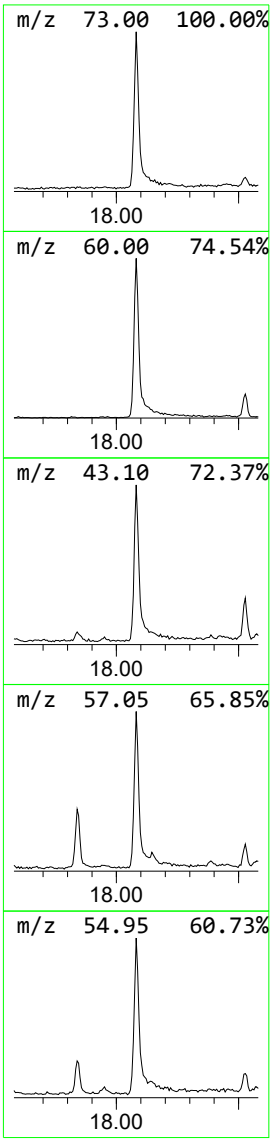
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.081	4.95 ng	418383	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024511.D
Acq On : 02 May 2025 16:19
Operator : RC/JU
Sample : Q1922-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

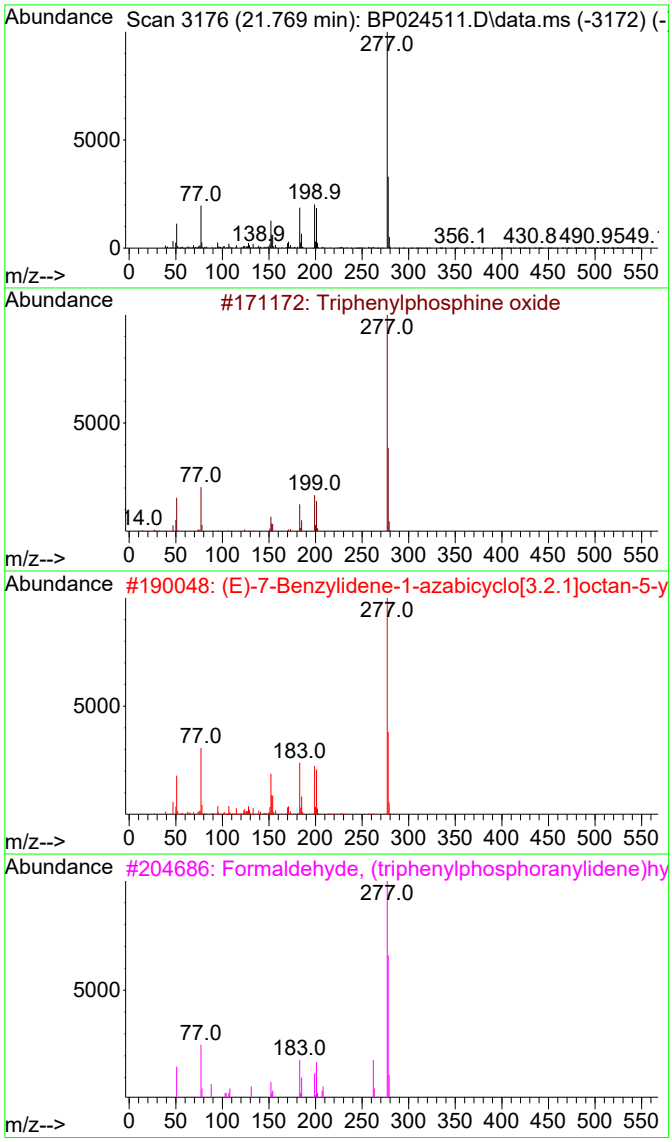
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

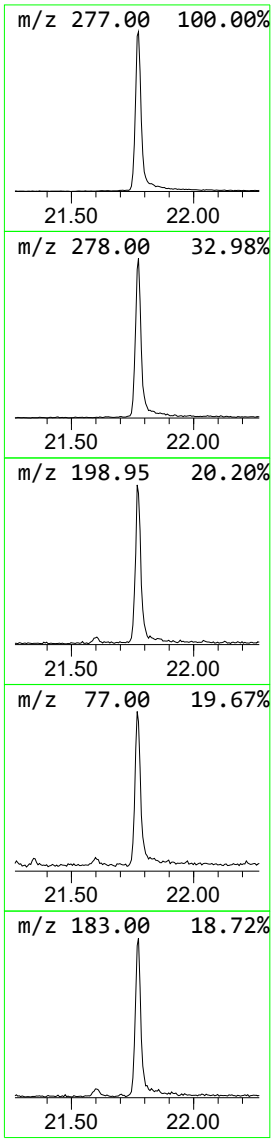
****

Peak Number 4 Triphenylphosphine oxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.769	3.53 ng	376370	Chrysene-d12	21.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	45
4	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	33
5	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024511.D
Acq On : 02 May 2025 16:19
Operator : RC/JU
Sample : Q1922-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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-...	4.875	4.1	ng	158962	1	7.711	767800	20.0
Benzophenone	15.722	6.3	ng	439014	3	14.340	1395180	20.0
n-Hexadecanoic ...	18.081	5.0	ng	418383	4	17.145	1689220	20.0
Triphenylphosph...	21.769	3.5	ng	376370	5	21.598	2130390	20.0