LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024512.D
Acq On : 02 May 2025 17:00
Operator : RC/JU
Sample : Q1928-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-Q

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: BP024512.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	298	304	313	rVB	110039	156411	3.61%	0.643%
2	5.328	375	381	396	rBV	1259604	1842604	42.48%	7.570%
3	6.893	639	647	664	rBV	1119004	1899842	43.80%	7.805%
4	7.705	778	785	794	rBV	424175	672389	15.50%	2.762%
5	8.857	973	981	996	rBV	681511	1158581	26.71%	4.760%
6	10.481	1249	1257	1269	rBV	547989	883499	20.37%	3.630%
7	12.951	1670	1677	1690	rBV	1651938	2420058	55.79%	9.943%
8	14.340	1906	1913	1929	rBV	805275	1166824	26.90%	4.794%
9	15.181	2043	2056	2061	rBV	24800	49657	1.14%	0.204%
10	15.728	2143	2149	2164	rBV	256119	400872	9.24%	1.647%
11	15.863	2166	2172	2190	rBV	1767249	2578782	59.45%	10.595%
12	16.304	2243	2247	2257	rVB	34119	52724	1.22%	0.217%
13	17.151	2384	2391	2404	rBV	998065	1383470	31.90%	5.684%
14	17.851	2505	2510	2519	rVB2	81667	124680	2.87%	0.512%
15	18.092	2545	2551	2559	rBV	218758	392192	9.04%	1.611%
16	18.163	2559	2563	2574	rVB	43342	79544	1.83%	0.327%
17	18.522	2620	2624	2630	rBV2	53815	84335	1.94%	0.346%
18	19.416	2772	2776	2785	rBV3	71294	133912	3.09%	0.550%
19	19.875	2848	2854	2861	rBV	3378521	4337426	100.00%	17.820%
20	20.610	2976	2979	2986	rVB2	65060	77169	1.78%	0.317%
21	21.263	3086	3090	3098	rVB3	91430	172692	3.98%	0.709%
22	21.592	3141	3146	3163	rVB2	1055422	1831076	42.22%	7.523%
23	21.769	3171	3176	3186	rBV	233611	381636	8.80%	1.568%
24	24.951	3709	3717	3731	rVB	795833	2060003	47.49%	8.463%

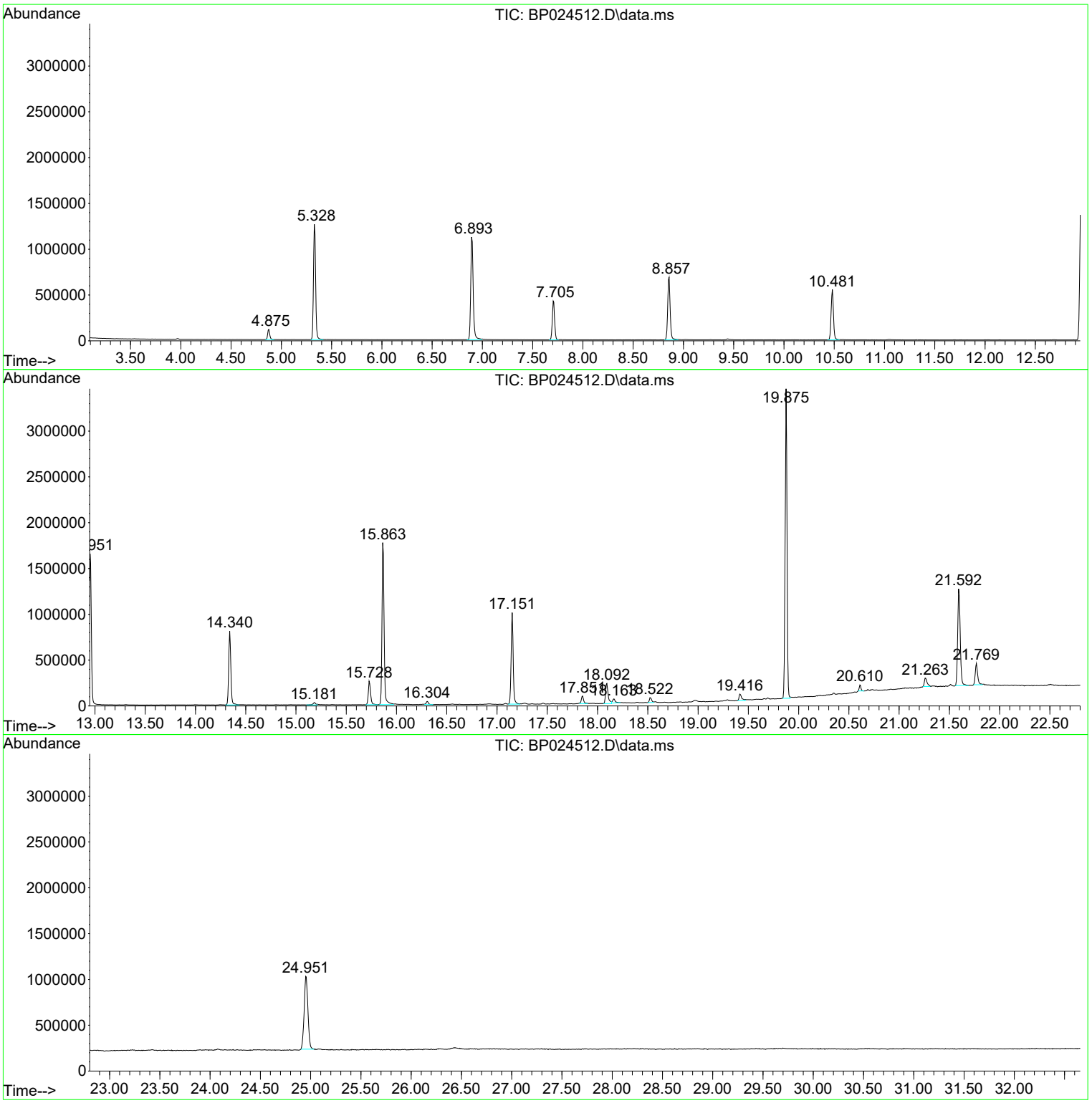
Sum of corrected areas: 24340378

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024512.D
Acq On : 02 May 2025 17:00
Operator : RC/JU
Sample : Q1928-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-Q

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 : BP024512.D
Acq On : 02 May 2025 17:00
Operator : RC/JU
Sample : Q1928-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-Q

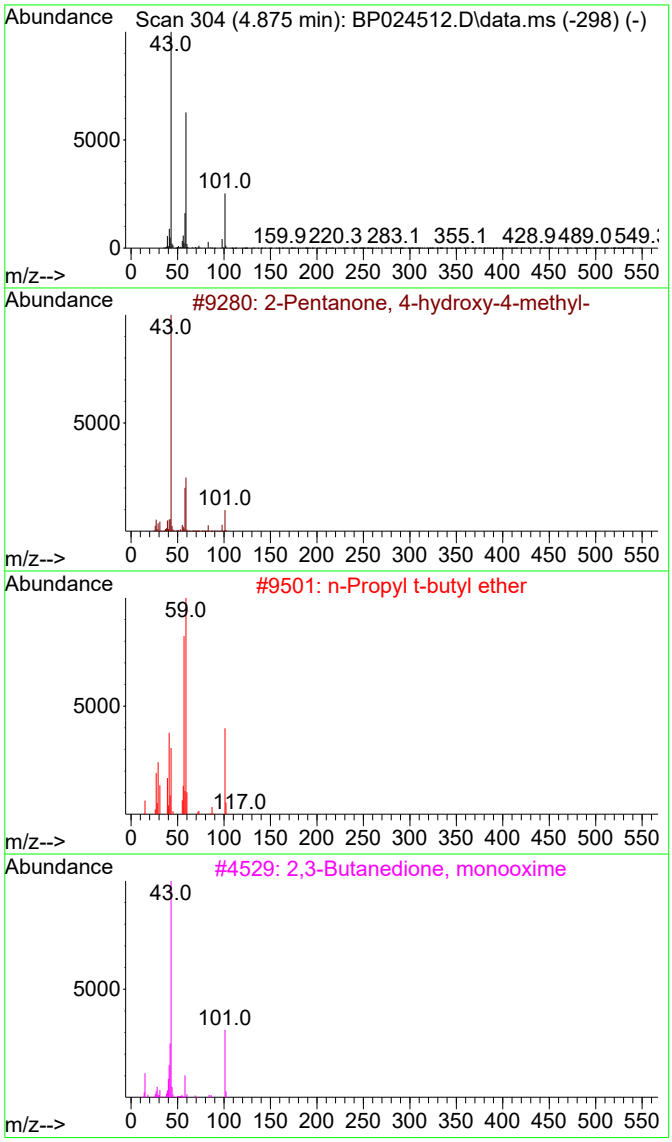
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

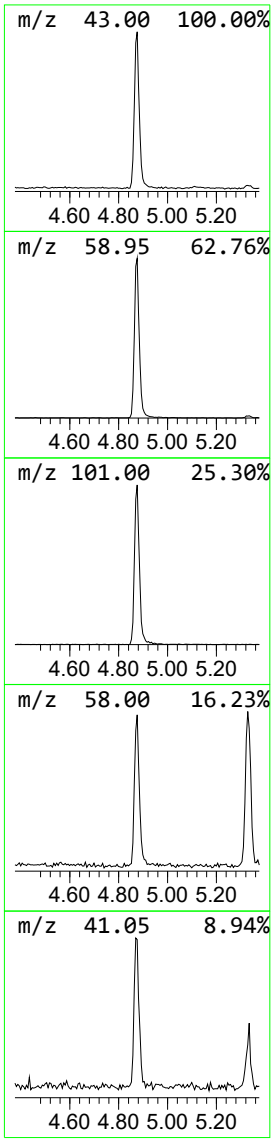
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.875	4.65 ng	156411	1,4-Dichlorobenzene-d4	7.705

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024512.D
Acq On : 02 May 2025 17:00
Operator : RC/JU
Sample : Q1928-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-Q

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

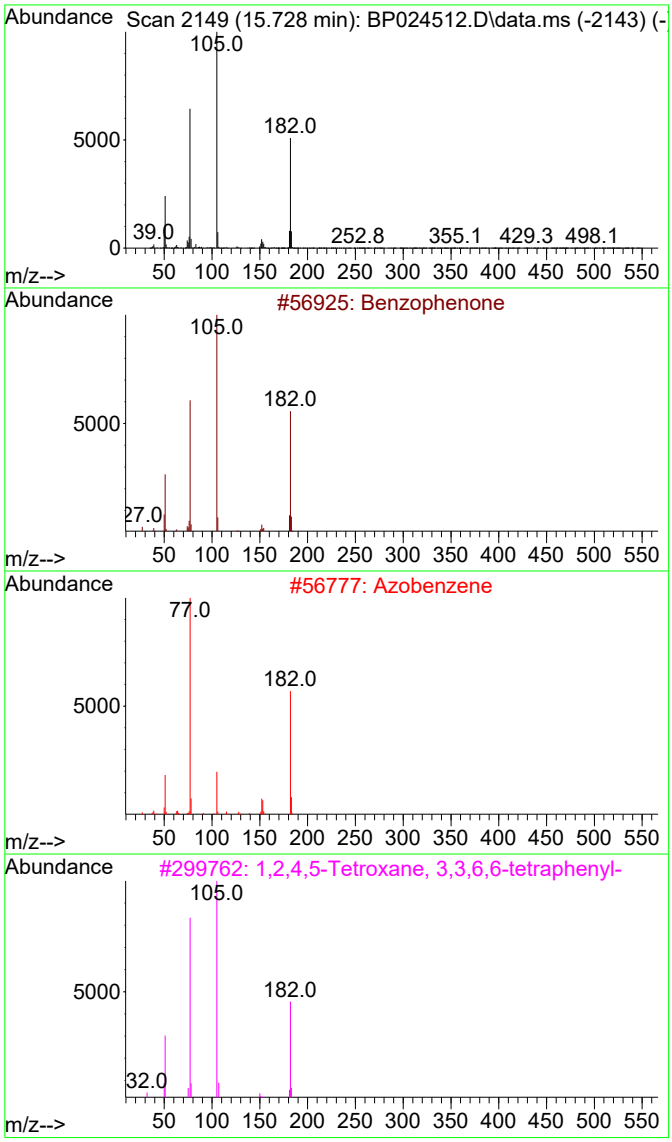
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

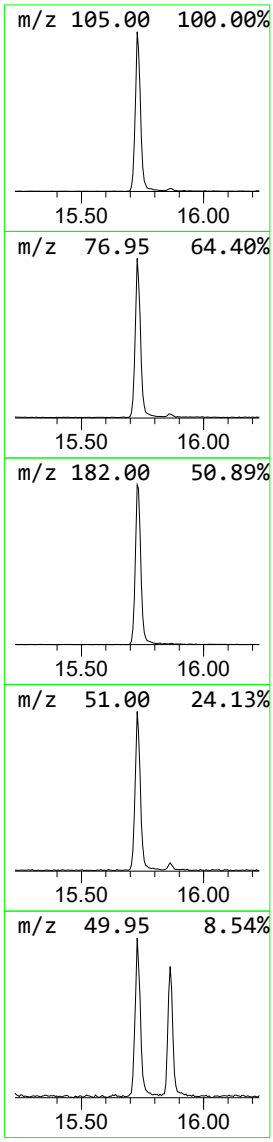
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.728	6.87 ng	400872	Acenaphthene-d10	14.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	72
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	64
5	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024512.D
Acq On : 02 May 2025 17:00
Operator : RC/JU
Sample : Q1928-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-Q

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

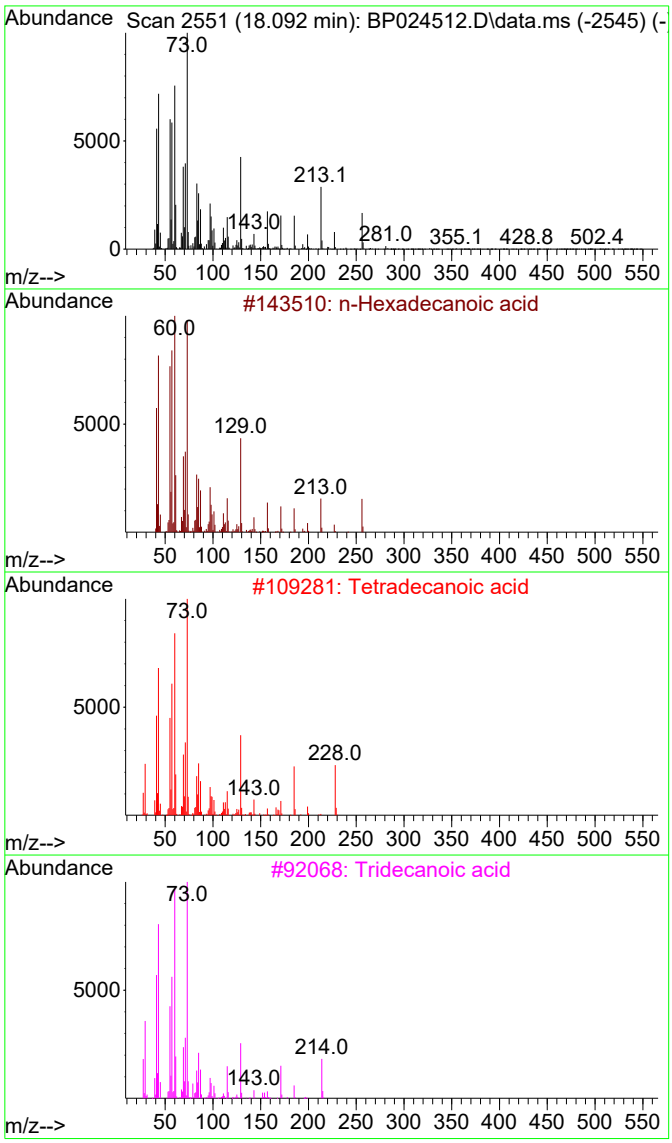
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

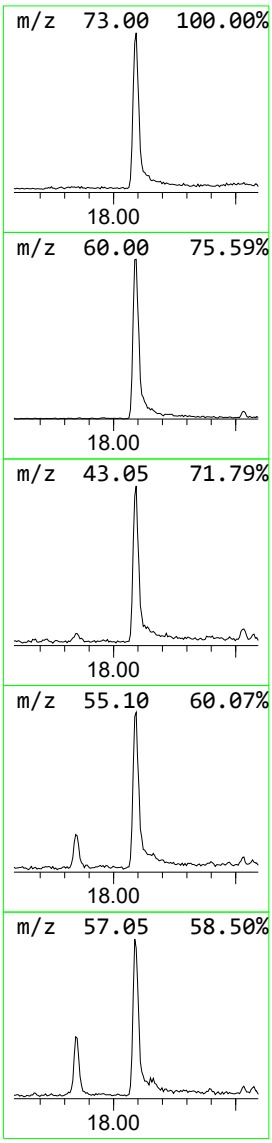
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	5.67 ng	392192	Phenanthrene-d10	17.151

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	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024512.D
Acq On : 02 May 2025 17:00
Operator : RC/JU
Sample : Q1928-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-Q

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

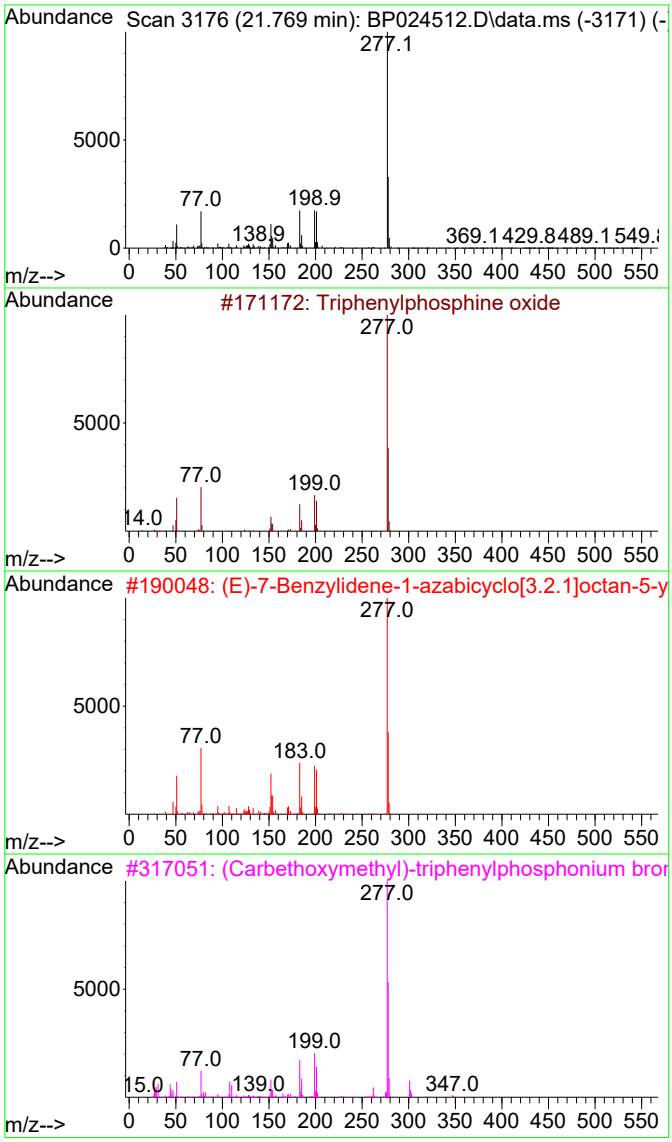
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

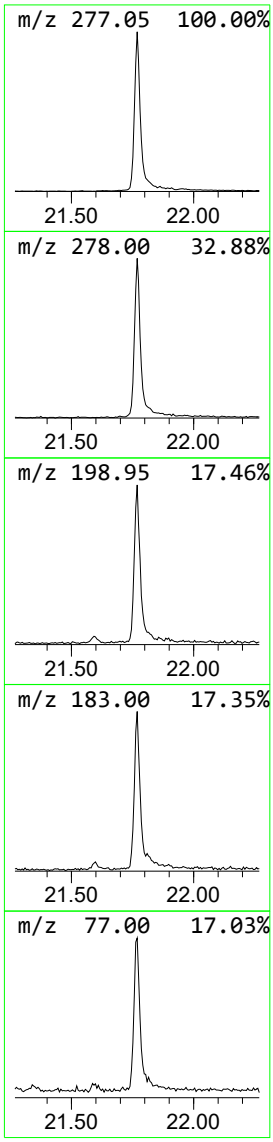
****

Peak Number 4 Triphenylphosphine oxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.769	4.17 ng	381636	Chrysene-d12	21.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	42
4	2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	42
5	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
Data File : BP024512.D
Acq On : 02 May 2025 17:00
Operator : RC/JU
Sample : Q1928-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-Q

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	4.7	ng	156411	1	7.705	672389	20.0
Benzophenone	15.728	6.9	ng	400872	3	14.340	1166820	20.0
n-Hexadecanoic ...	18.092	5.7	ng	392192	4	17.151	1383470	20.0
Triphenylphosph...	21.769	4.2	ng	381636	5	21.592	1831080	20.0