LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021622\
Data File : BP009182.D
Acq On : 16 Feb 2022 17:11
Operator : CG/JU
Sample : N1511-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20220034-NACOTE-1-COMP

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-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009182.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.381	400	407	433	rBV	2346908	4163955	39.18%	8.849%
2	6.975	671	678	710	rBV	2132848	4357520	41.01%	9.260%
3	7.781	808	815	826	rBV	539691	921903	8.68%	1.959%
4	8.946	1005	1013	1036	rBV	1542753	2949926	27.76%	6.269%
5	10.581	1283	1291	1306	rBV	557301	1120414	10.54%	2.381%
6	13.046	1702	1710	1736	rBV	4261553	7139301	67.18%	15.172%
7	14.428	1938	1945	1962	rVB	950877	1566085	14.74%	3.328%
8	15.928	2189	2200	2219	rBV	3118567	5639766	53.07%	11.985%
9	17.187	2408	2414	2430	rBV	1118147	1929576	18.16%	4.100%
10	18.081	2562	2566	2576	rBV	222023	429940	4.05%	0.914%
11	19.322	2773	2777	2783	rBV	73715	140715	1.32%	0.299%
12	19.751	2844	2850	2861	rBV	8340865	10626447	100.00%	22.582%
13	20.986	3056	3060	3069	rBV3	420646	664681	6.25%	1.412%
14	21.286	3106	3111	3125	rBV	1740277	2557721	24.07%	5.435%
15	21.398	3127	3130	3141	rVB	217512	384008	3.61%	0.816%
16	23.674	3511	3517	3528	rVB2	1068250	2465345	23.20%	5.239%

Sum of corrected areas: 47057303

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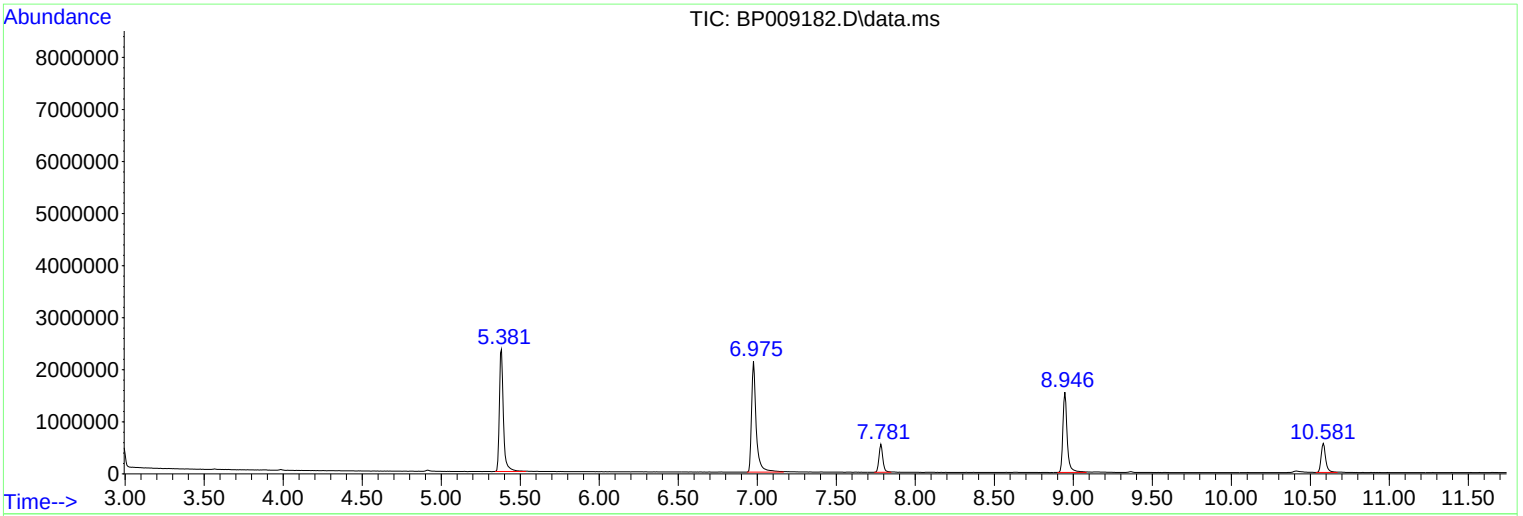
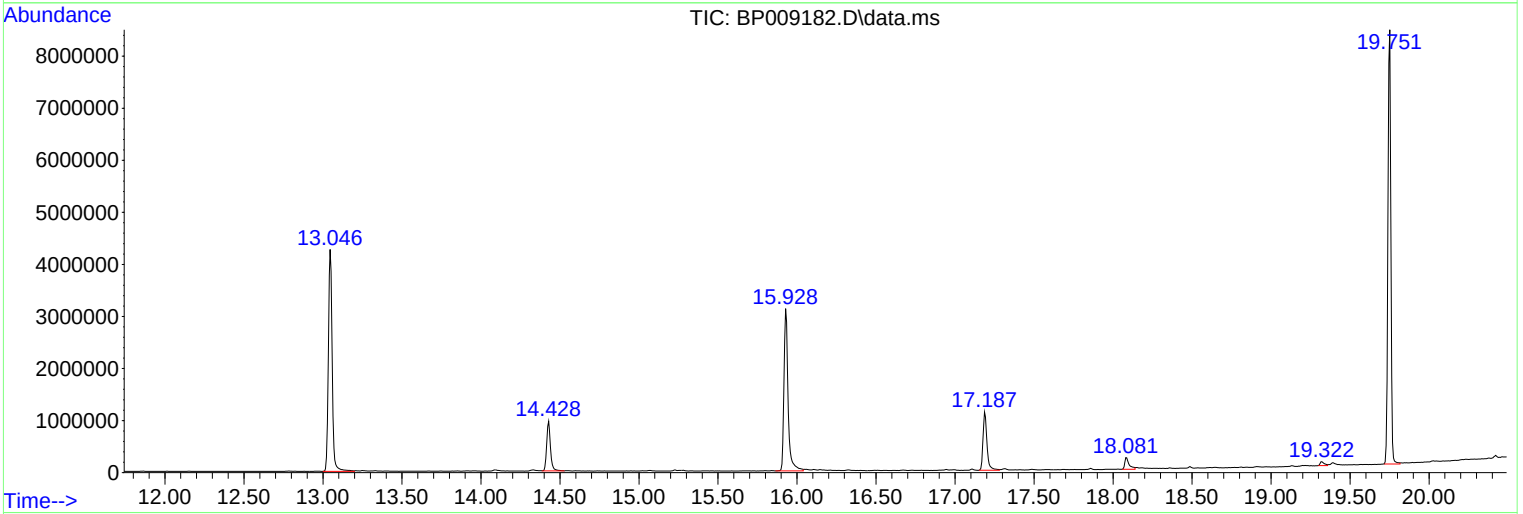
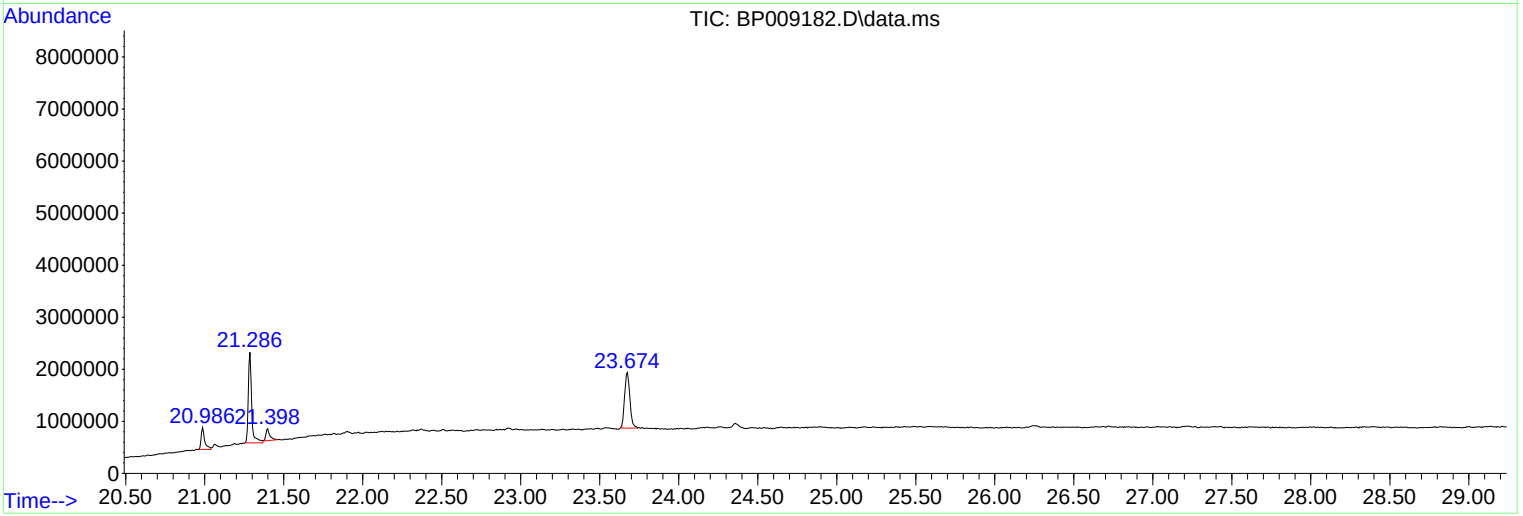
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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BNA_P
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20220034-NACOTE-1-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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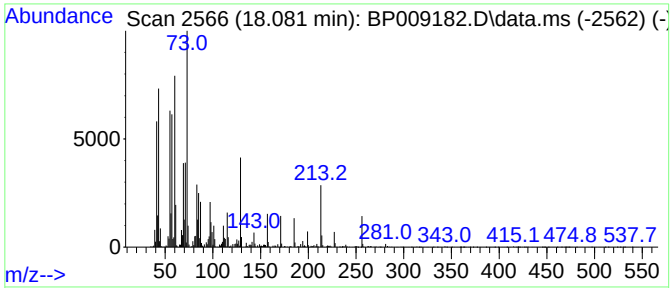
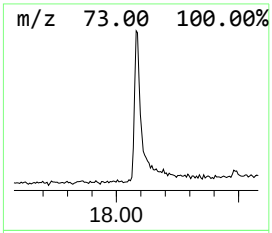
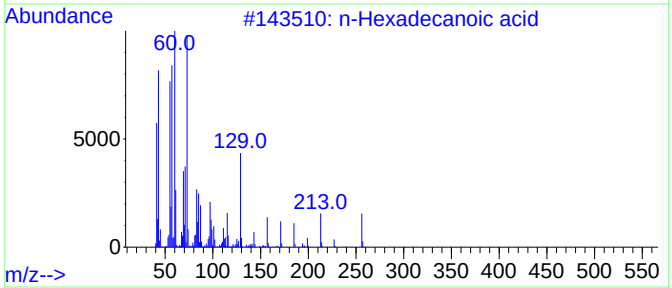
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

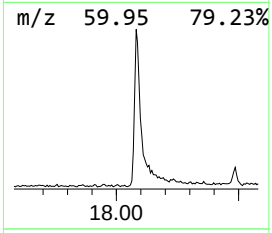
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.081	4.46 ng	429940	Phenanthrene-d10	17.186

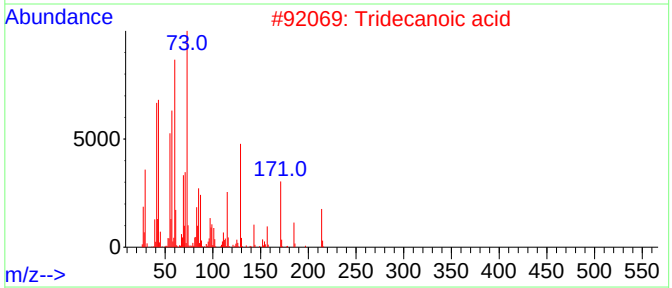
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Undecanoic acid	186	C11H22O2	000112-37-8	83

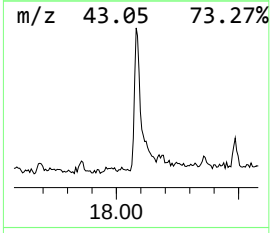


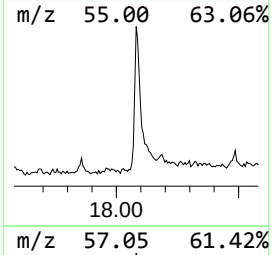


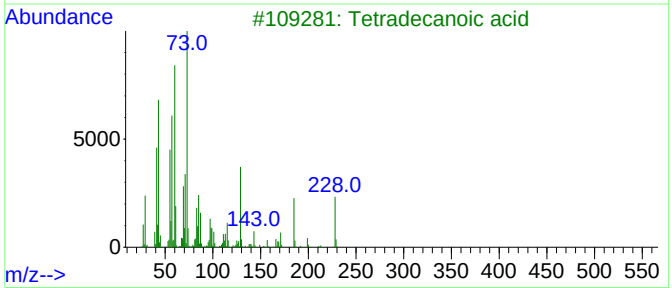


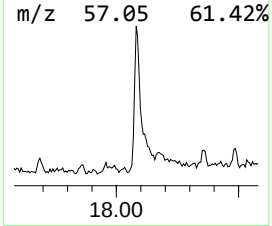












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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20220034-NACOTE-1-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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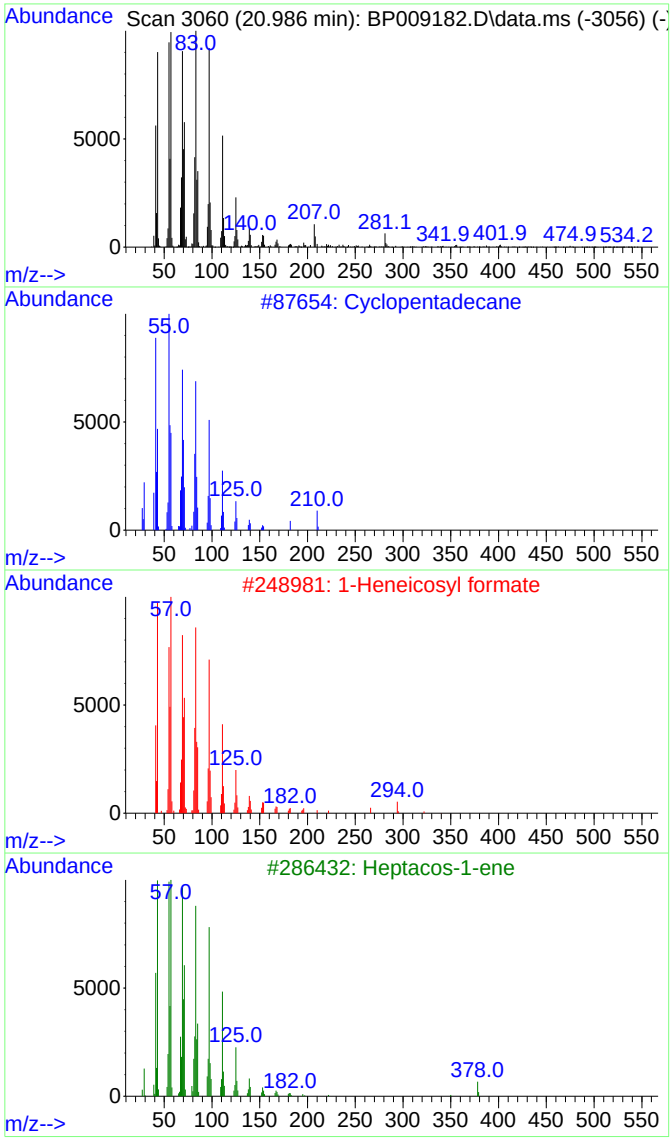
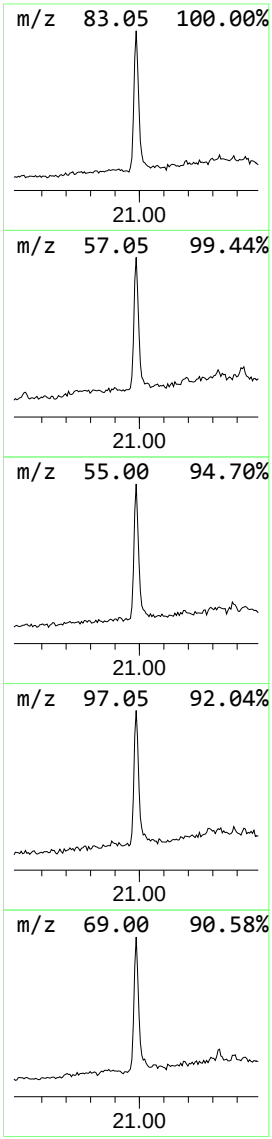
Peak Number 2 Cyclopentadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.986	5.20 ng	664681	Chrysene-d12	21.286

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
3	Heptacos-1-ene	378	C27H54	015306-27-1	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





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20220034-NACOTE-1-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

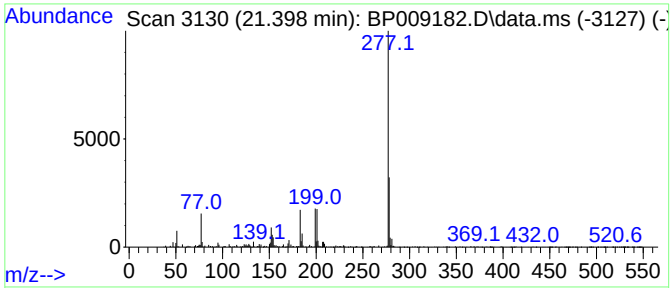
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

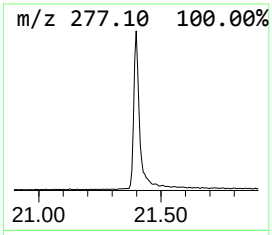
****

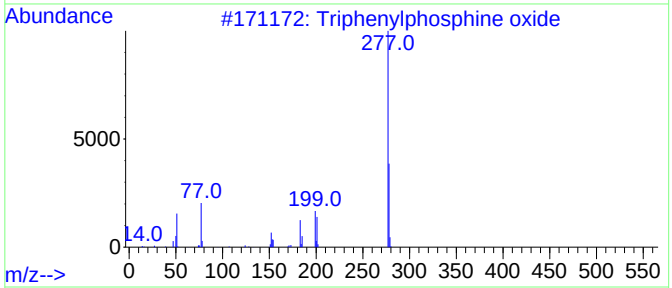
Peak Number 3 Triphenylphosphine oxide Concentration Rank 3

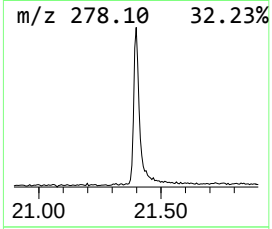
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.398	3.00 ng	384008	Chrysene-d12	21.286

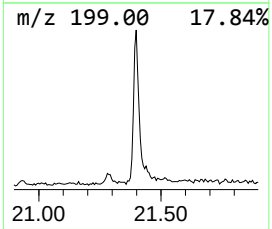
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	94
2	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	45
3	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	28
4	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	28
5	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	27

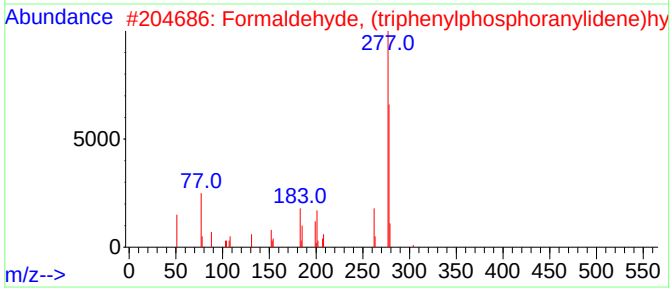


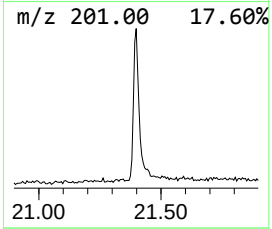


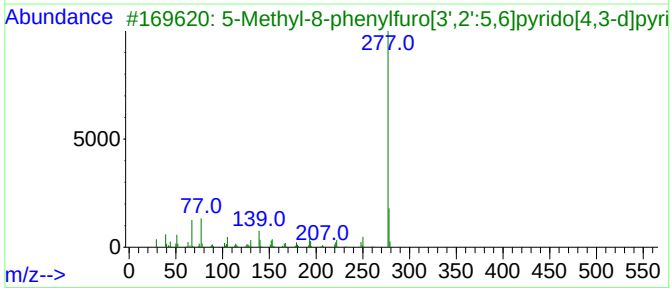


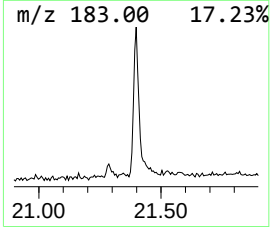












Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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
n-Hexadecanoic ...	18.081	4.5	ng	429940	4	17.186	1929580	20.0
Cyclopentadecane	20.986	5.2	ng	664681	5	21.286	2557720	20.0
Triphenylphosph...	21.398	3.0	ng	384008	5	21.286	2557720	20.0