LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
Data File : BF128665.D
Acq On : 03 Jun 2022 04:37
Operator : CG\JU
Sample : N2986-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P027-SS001-2430-01

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_F\Methods\8270-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128665.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.399	185	189	199	rBV	37118	65188	1.69%	0.283%
2	5.475	538	542	550	rBV	3303480	3072713	79.79%	13.362%
3	6.487	710	714	725	rBV	3318993	3158360	82.01%	13.734%
4	6.822	767	771	774	rBV	955002	747589	19.41%	3.251%
5	7.387	861	867	870	rBV	1977733	2172347	56.41%	9.447%
6	8.104	984	989	993	rBV	1110061	934983	24.28%	4.066%
7	9.187	1166	1173	1176	rBV	4528278	3850955	100.00%	16.746%
8	9.863	1282	1288	1291	rBV	1259791	1014165	26.34%	4.410%
9	10.657	1416	1423	1426	rBV	2580454	2230230	57.91%	9.698%
10	11.351	1537	1541	1544	rVB	1122353	918924	23.86%	3.996%
11	11.881	1628	1631	1646	rBV	270917	289604	7.52%	1.259%
12	12.669	1761	1765	1776	rBV	192520	192724	5.00%	0.838%
13	12.939	1806	1811	1814	rBV	3025167	2841201	73.78%	12.355%
14	13.310	1872	1874	1878	rVB	55282	46596	1.21%	0.203%
15	13.516	1905	1909	1915	rVB4	34298	60066	1.56%	0.261%
16	13.892	1969	1973	1982	rVV8	26614	72521	1.88%	0.315%
17	13.992	1986	1990	1993	rVB	680513	583499	15.15%	2.537%
18	14.086	2000	2006	2016	rBV	162489	198233	5.15%	0.862%
19	15.457	2233	2239	2243	rBV	449462	546171	14.18%	2.375%

Sum of corrected areas: 22996069

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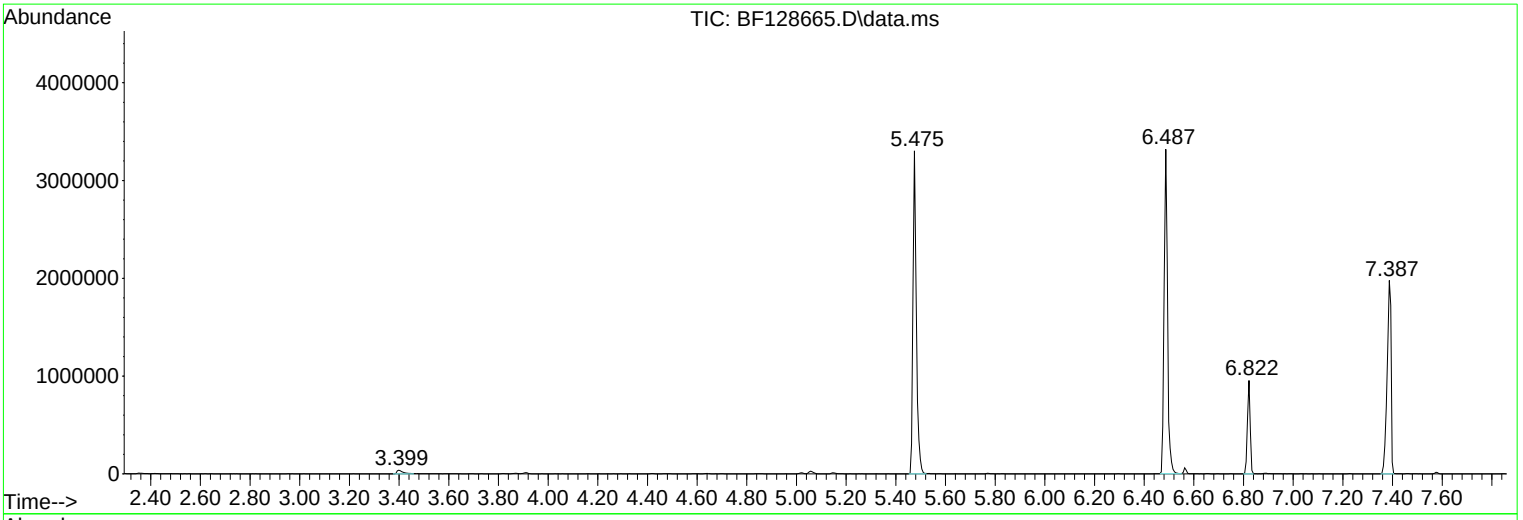
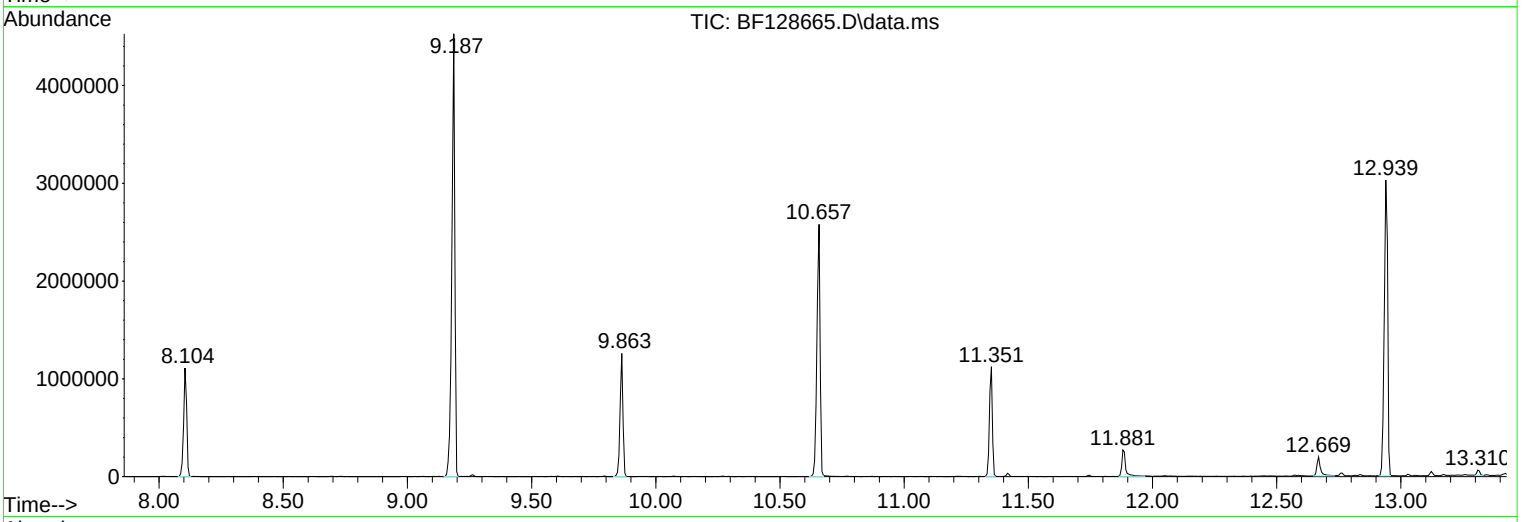
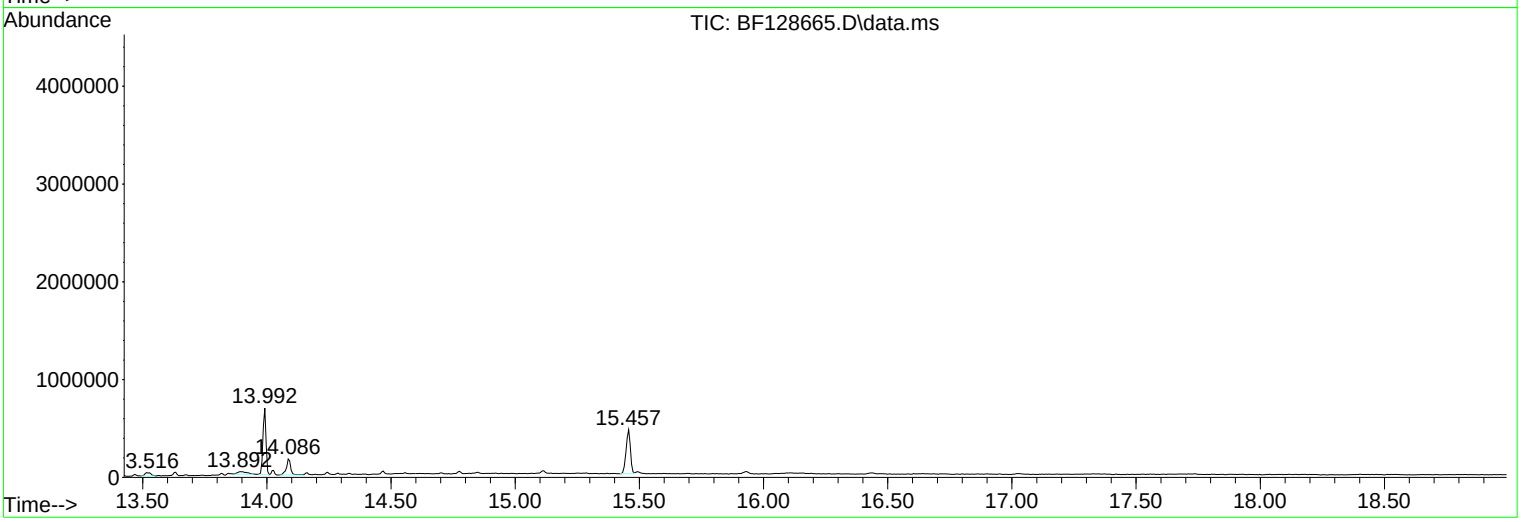
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

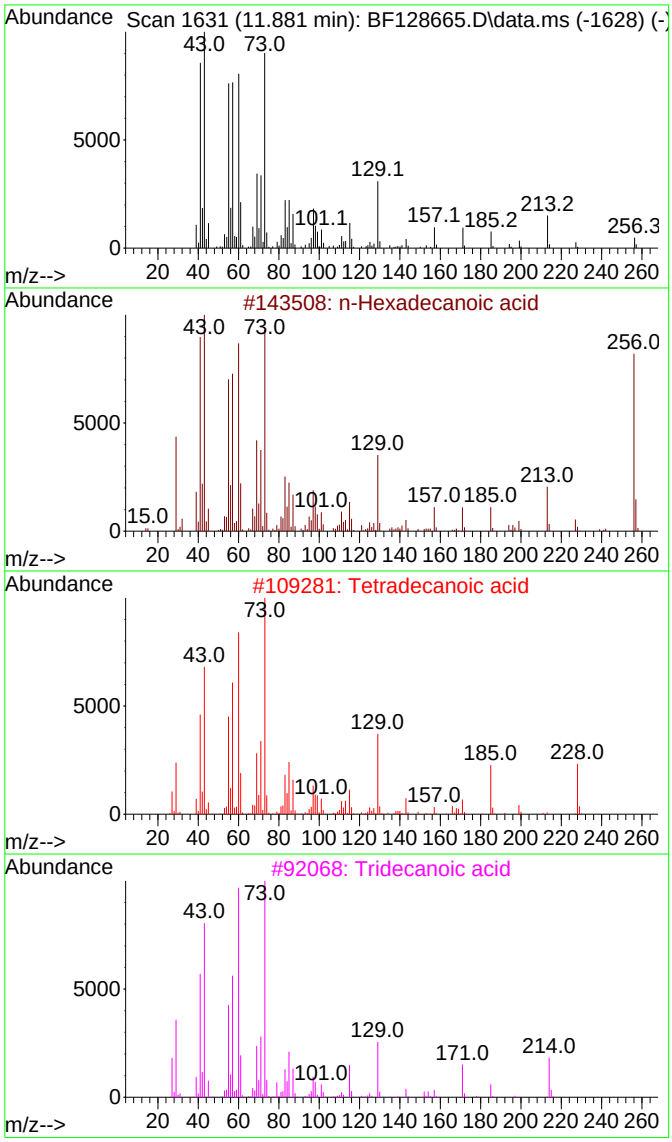
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

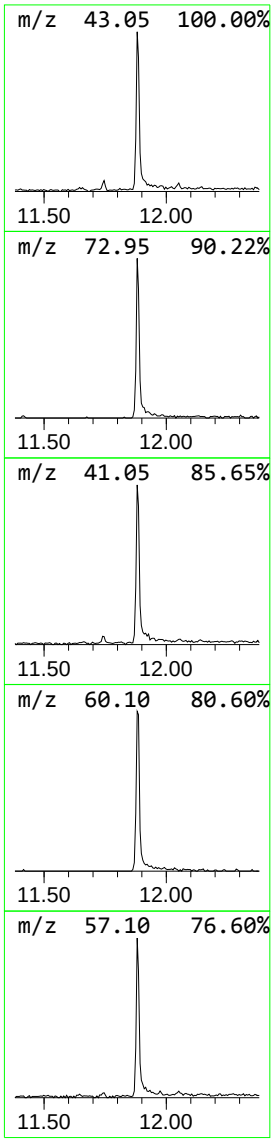
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.881	6.30 ng	289604	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Isopropyl palmitate	298	C19H38O2	000142-91-6	72





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Sample : N2986-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P027-SS001-2430-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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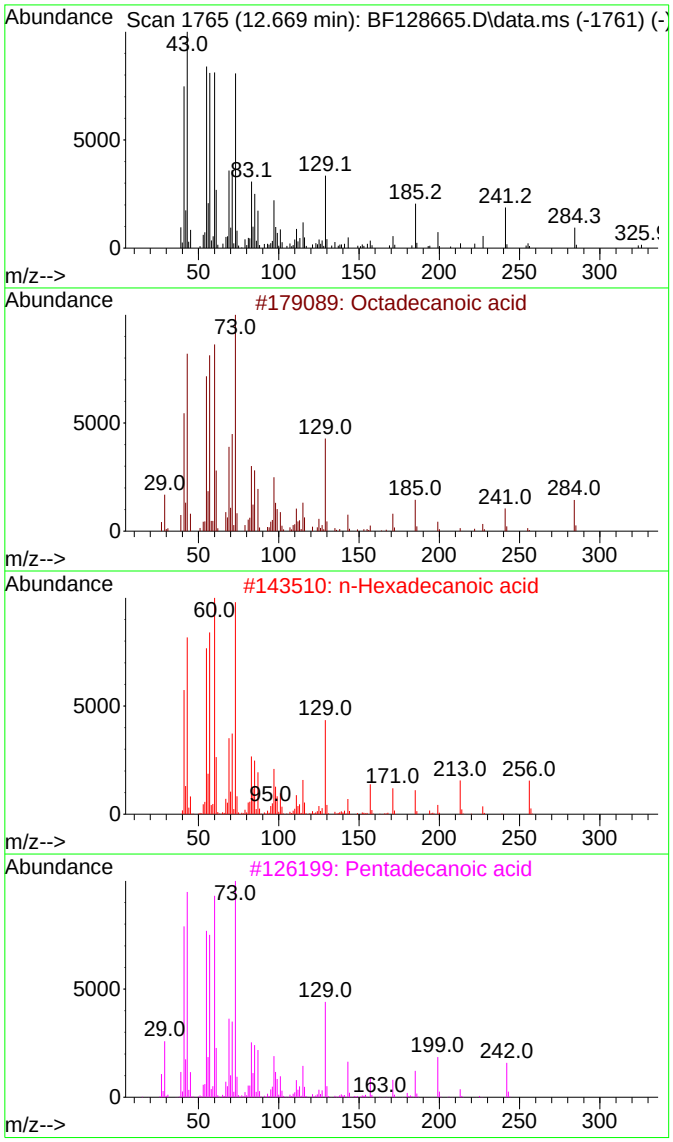
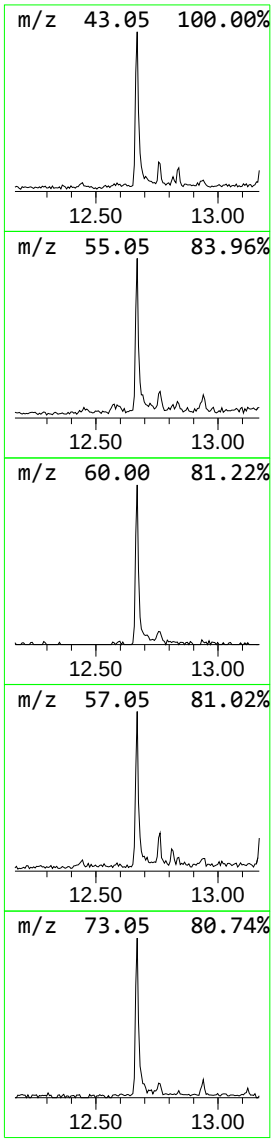
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.669	4.19 ng	192724	Phenanthrene-d10	11.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





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Sample : N2986-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P027-SS001-2430-01

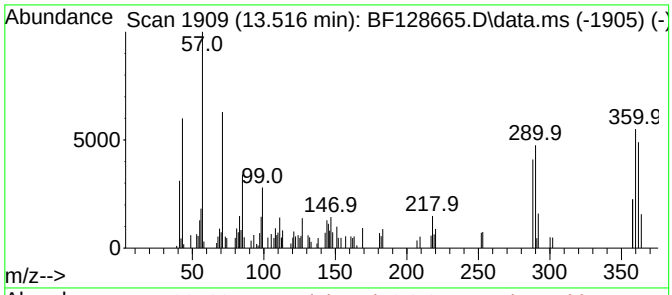
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

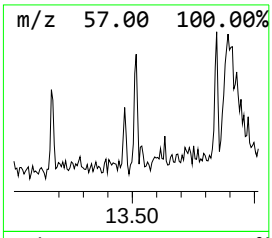
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

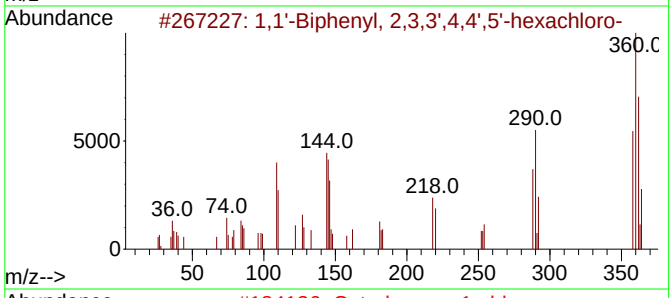
****
Peak Number 3 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 5

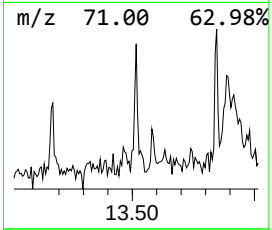
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.516	2.06 ng	60066	Chrysene-d12	13.992

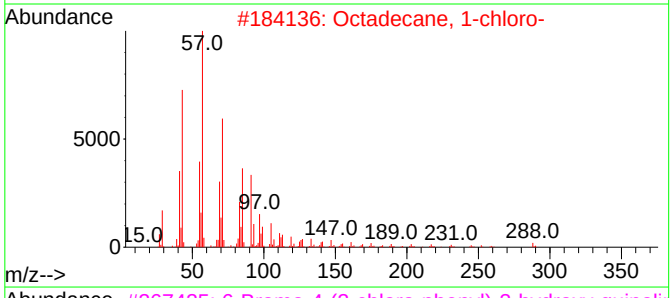
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	90
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	30
3	6-Bromo-4-(2-chloro-phenyl)-2-hy...	358	C16H8BrClN2O	284663-85-0	14
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	10
5	Pentadecane	212	C15H32	000629-62-9	10

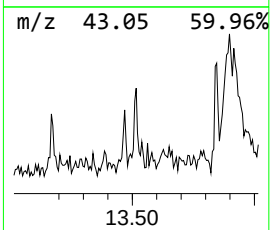


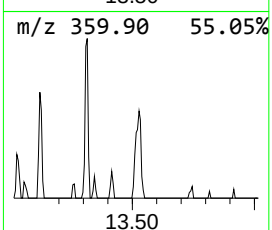


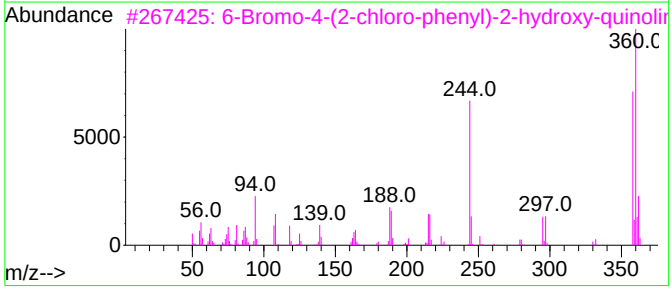


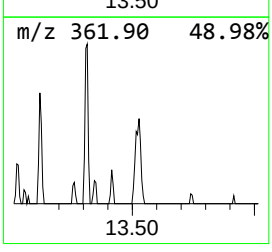












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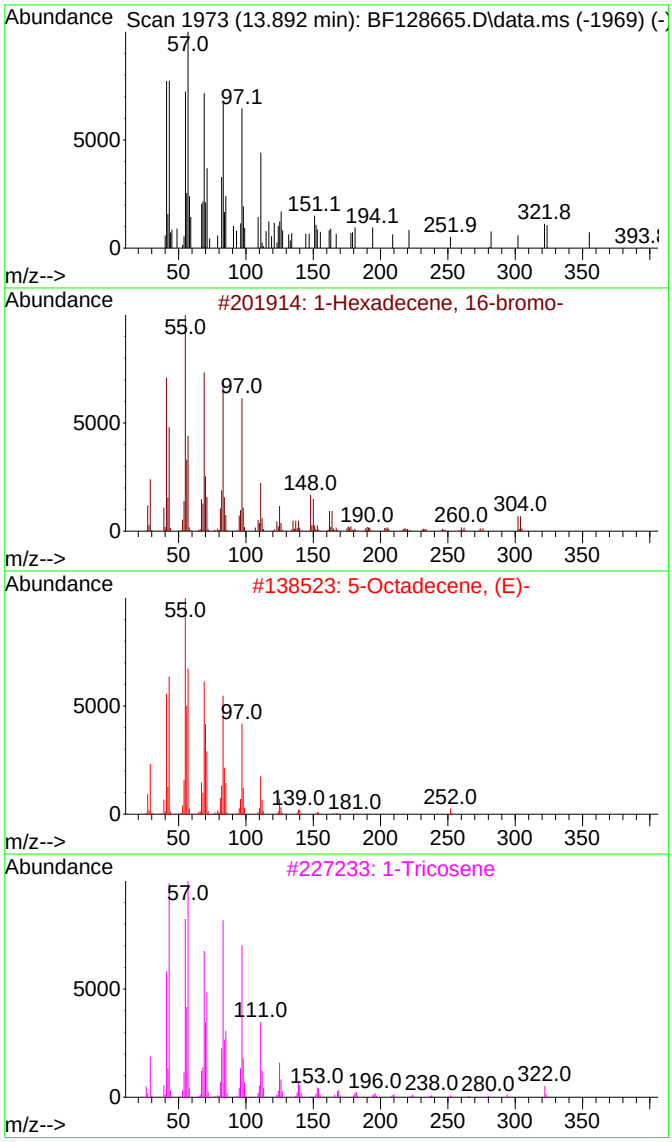
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

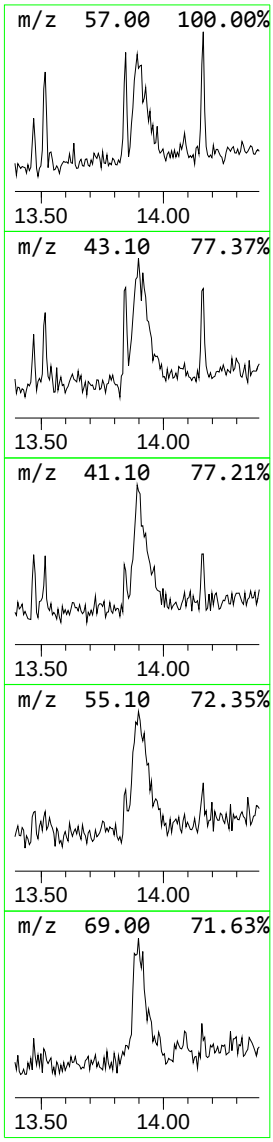
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Hexadecene, 16-bromo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	2.49 ng	72521	Chrysene-d12	13.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene, 16-bromo-	302	C16H31Br	118625-56-2	89
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	86
3	1-Tricosene	322	C23H46	018835-32-0	86
4	1-Octadecene	252	C18H36	000112-88-9	86
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	83





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

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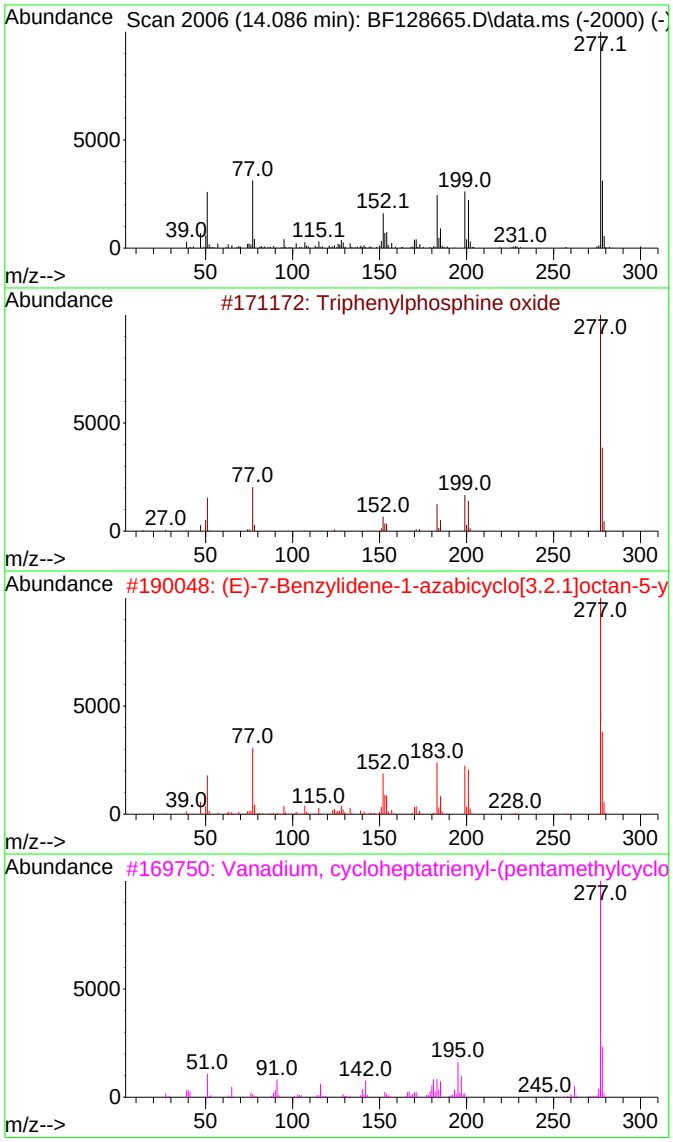
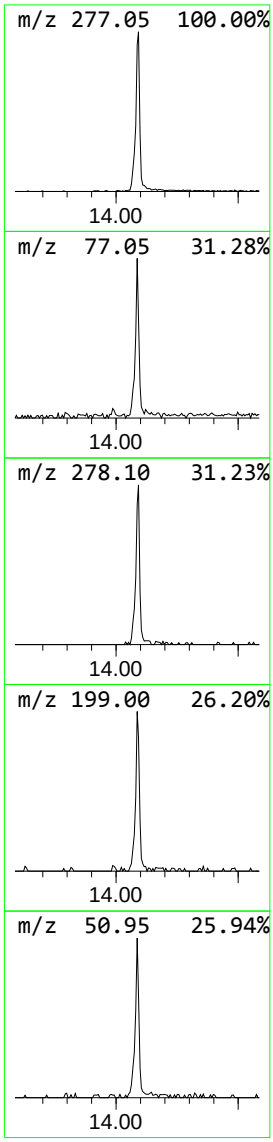
Peak Number 5 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	6.79 ng	198233	Chrysene-d12	13.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	90
3	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	50
4	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	45
5	Furo[3,2-c]quinoline, 8-bromo-2,...	277	C13H12BrNO	1000310-92-7	40





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	11.881	6.3	ng	289604	4	11.351	918924	20.0
Octadecanoic acid	12.669	4.2	ng	192724	4	11.351	918924	20.0
1,1'-Biphenyl, ...	13.516	2.1	ng	60066	5	13.992	583499	20.0
1-Hexadecene, 1...	13.892	2.5	ng	72521	5	13.992	583499	20.0
Triphenylphosph...	14.086	6.8	ng	198233	5	13.992	583499	20.0