LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041621\
Data File : BP005317.D
Acq On : 16 Apr 2021 14:16
Operator : CG/JU
Sample : M2049-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-08-0-2.0

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-BP041521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005317.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.264	366	370	378	rVB	314729	446511	39.55%	8.346%
2	6.852	635	640	650	rVB	293901	470790	41.70%	8.800%
3	7.658	773	777	785	rVB	90805	146167	12.95%	2.732%
4	8.822	969	975	987	rVB	172828	281756	24.96%	5.266%
5	10.452	1245	1252	1263	rVB	73765	121296	10.74%	2.267%
6	12.940	1667	1675	1686	rBV	374024	492097	43.59%	9.198%
7	14.328	1903	1911	1925	rVB	134251	191147	16.93%	3.573%
8	15.828	2160	2166	2178	rBV	234503	329654	29.20%	6.162%
9	17.092	2374	2381	2392	rBV	170138	225831	20.00%	4.221%
10	17.992	2529	2534	2542	rBV2	20574	34592	3.06%	0.647%
11	19.227	2740	2744	2750	rBV7	9401	14141	1.25%	0.264%
12	19.492	2779	2789	2798	rBV2	23046	48786	4.32%	0.912%
13	19.669	2814	2819	2828	rBV	1063138	1129001	100.00%	21.102%
14	20.345	2929	2934	2940	rBV5	14096	23666	2.10%	0.442%
15	20.874	3019	3024	3026	rBV2	26011	41637	3.69%	0.778%
16	20.910	3026	3030	3037	rVV2	86010	182210	16.14%	3.406%
17	20.974	3037	3041	3049	rVV	170520	221780	19.64%	4.145%
18	21.110	3060	3064	3070	rVB4	14221	19325	1.71%	0.361%
19	21.192	3072	3078	3082	rBV	345809	436765	38.69%	8.164%
20	21.233	3082	3085	3089	rVB2	20404	28055	2.48%	0.524%
21	21.986	3210	3213	3219	rVB2	19303	25610	2.27%	0.479%
22	23.463	3457	3464	3471	rBV2	223032	439277	38.91%	8.211%

Sum of corrected areas: 5350094

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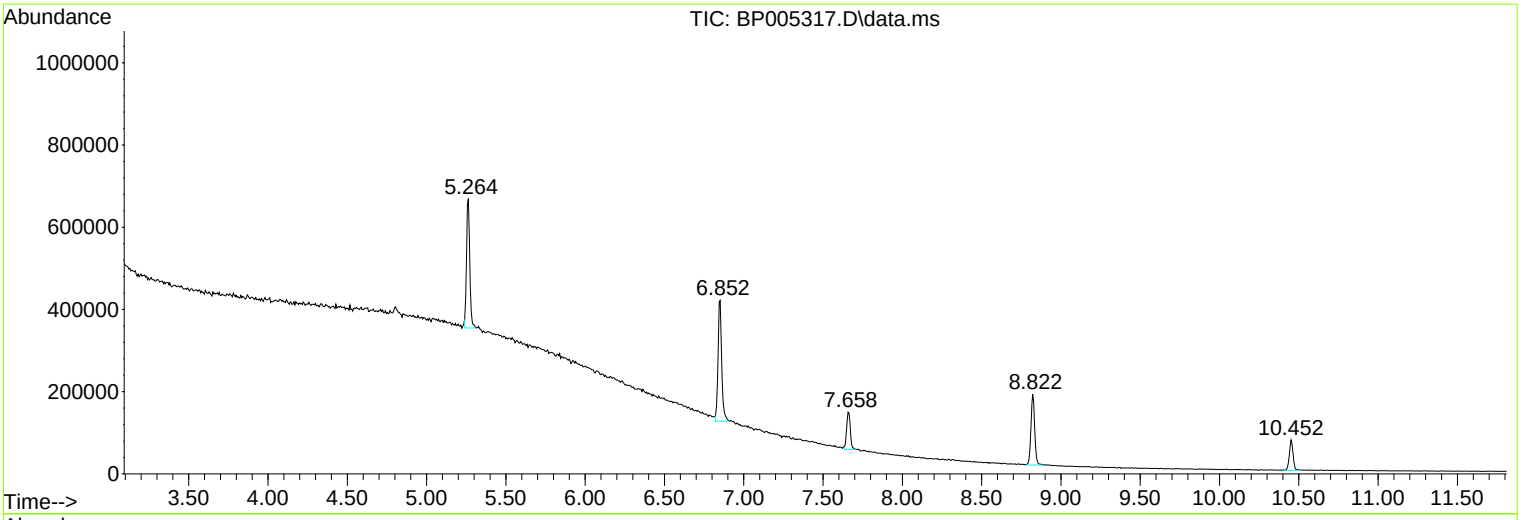
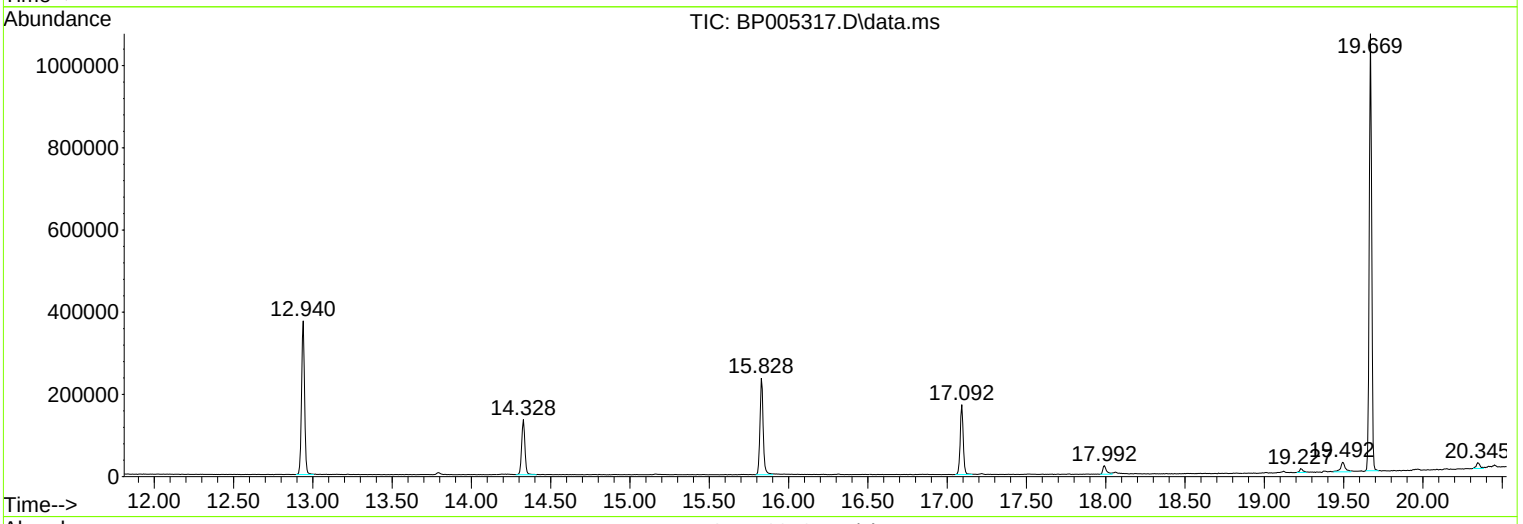
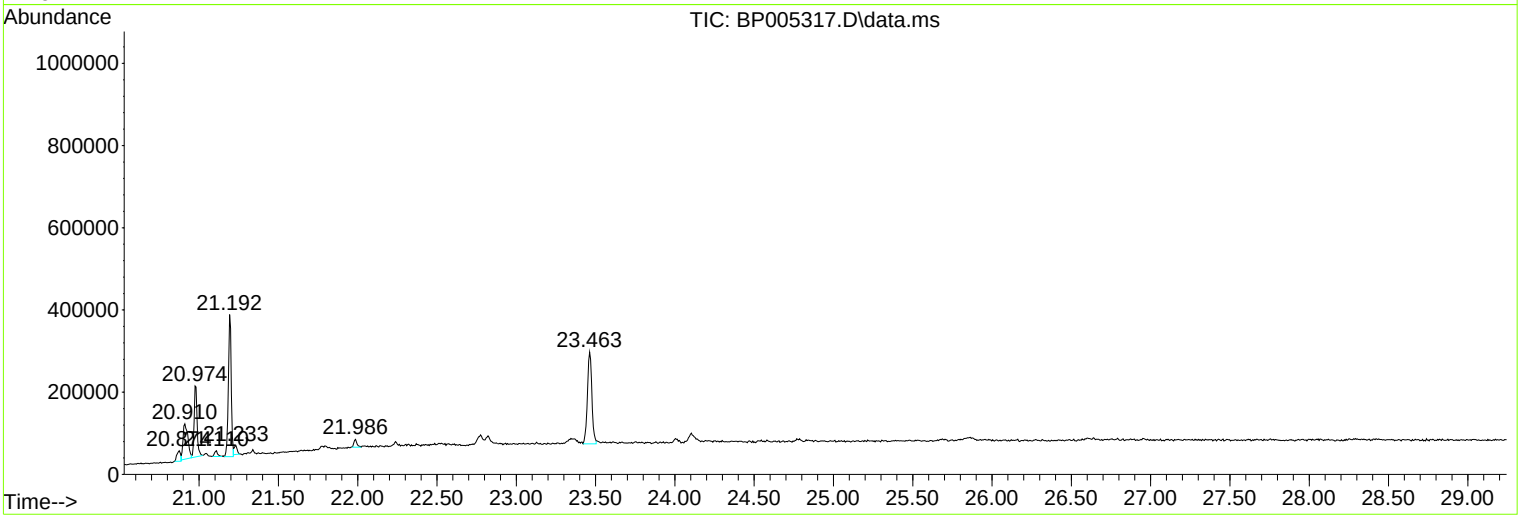
ClientSampleId :
SB-08-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







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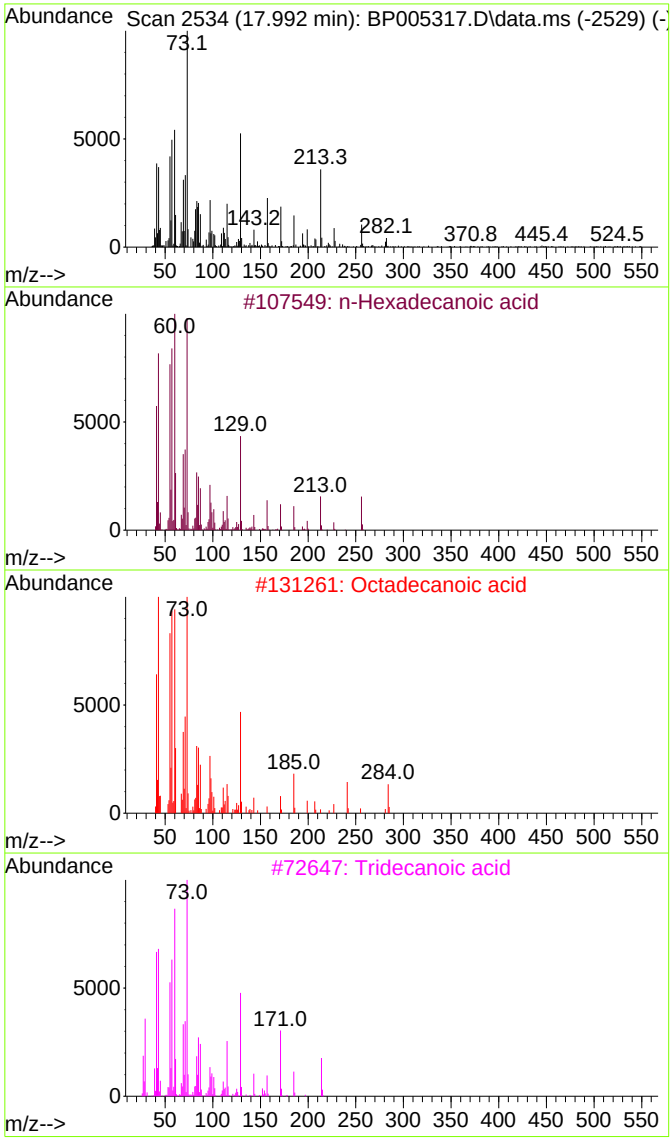
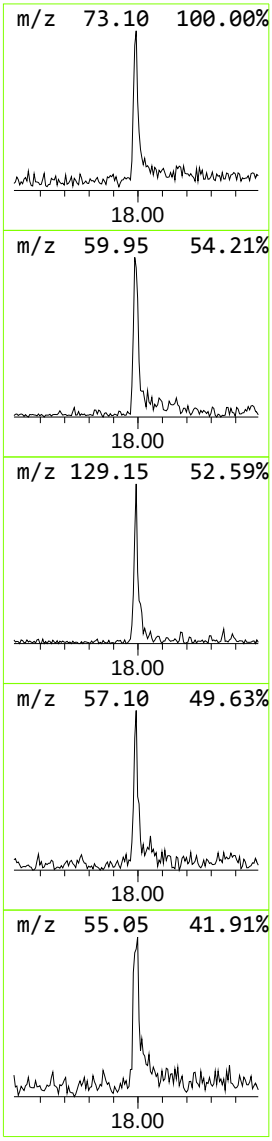
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	3.06 ng	34592	Phenanthrene-d10	17.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Octadecanoic acid	284	C18H36O2	000057-11-4	58
3	Tridecanoic acid	214	C13H26O2	000638-53-9	43
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	35
5	Adipic acid, hexyl isohexyl ester	314	C18H34O4	1000324-11-1	27





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Instrument : BNA_P
ClientSampleId : SB-08-0-2.0

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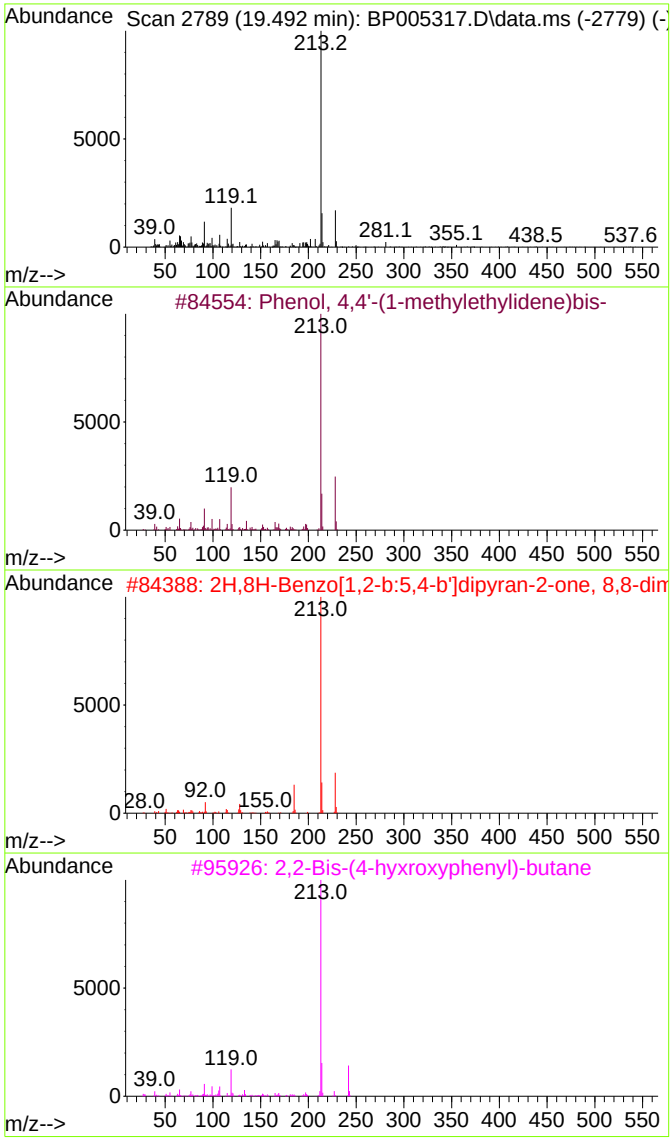
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

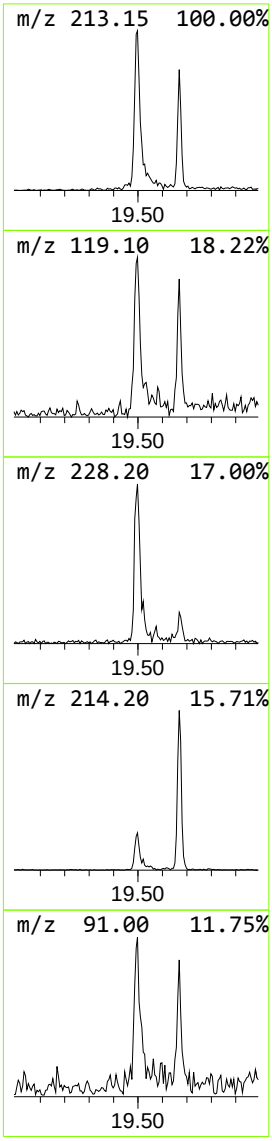
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenol, 4,4'-(1-methylethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.492	2.23 ng	48786	Chrysene-d12	21.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	94
2	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	64
3	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	59
4	2,4(1H,3H)-Pyrimidinedione, 1,3-...	228	C9H16N2O3Si	089447-84-7	59
5	2,5-bis(Trimethylsilyl)thiophene	228	C10H20SSi2	017906-71-7	59





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Instrument :
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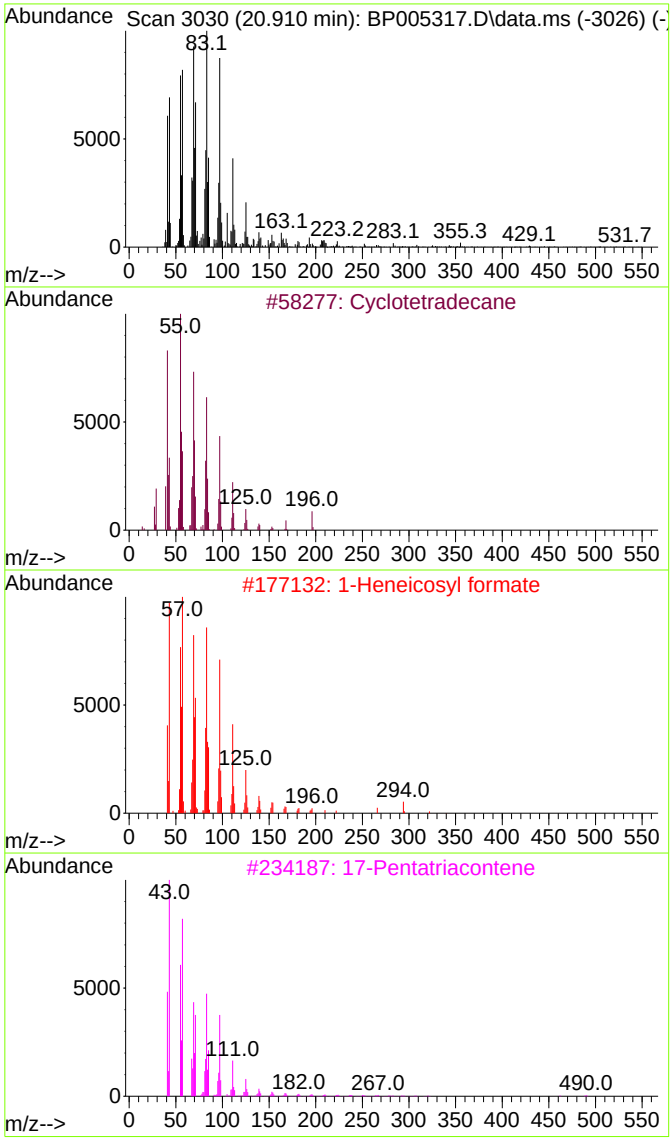
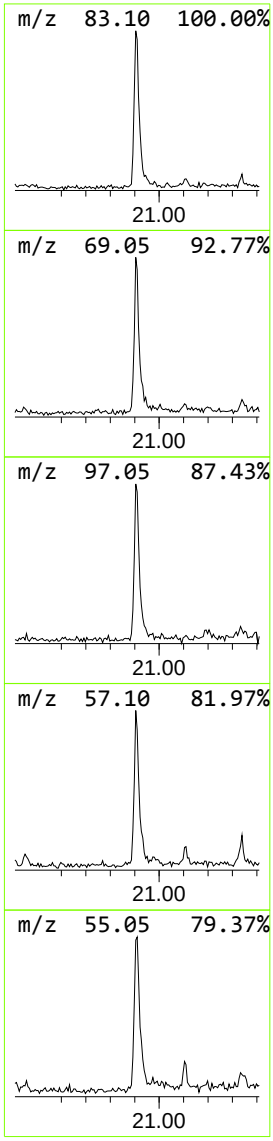
Peak Number 3 Cyclotetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.910	8.34 ng	182210	Chrysene-d12	21.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	94
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	Triacontyl acetate	480	C32H64O2	041755-58-2	83
5	1-Hexacosanol	382	C26H54O	000506-52-5	83





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Instrument :
BNA_P
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SB-08-0-2.0

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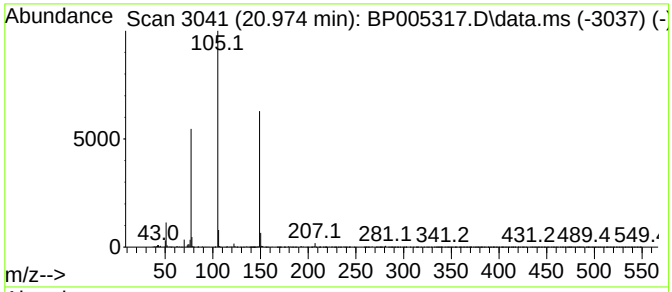
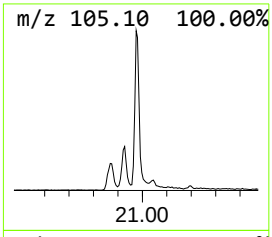
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

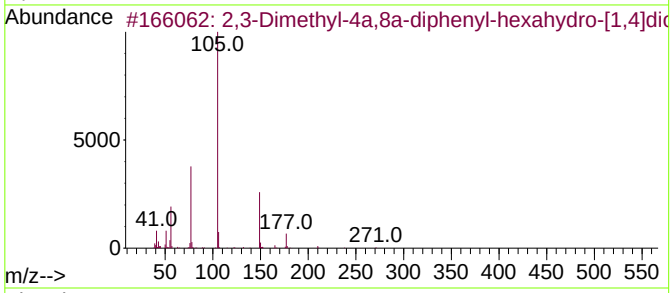
****
Peak Number 4 2,3-Dimethyl-4a,8a-diphenyl... Concentration Rank 1

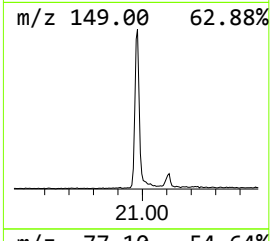
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.974	10.16 ng	221780	Chrysene-d12	21.192

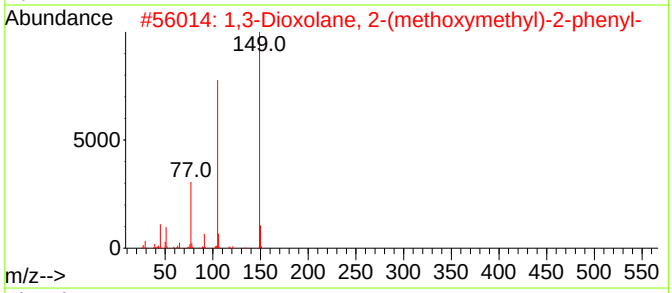
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyl-4a,8a-diphenyl-hexa...	326	C20H22O4	1000297-07-0	59
2	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	59
3	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	43
4	Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	43
5	Ethanone, 2-hydroxy-1-phenyl-	136	C8H8O2	000582-24-1	43

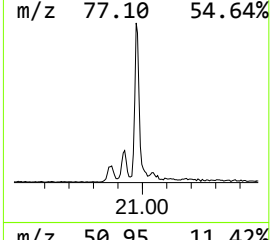


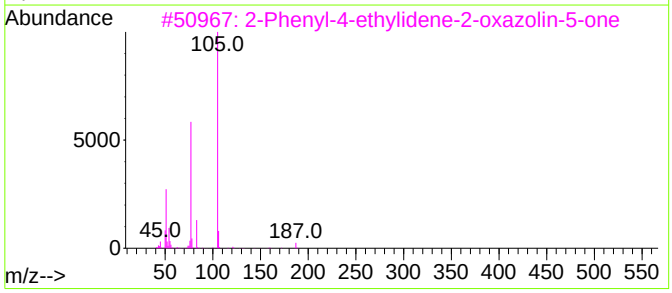


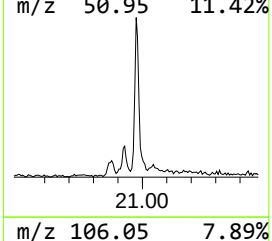


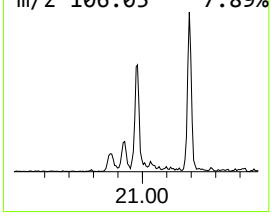












Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	17.992	3.1	ng	34592	4	17.092	225831	20.0
Phenol, 4,4'-(1...	19.492	2.2	ng	48786	5	21.192	436765	20.0
Cyclotetradecane	20.910	8.3	ng	182210	5	21.192	436765	20.0
2,3-Dimethyl-4a...	20.974	10.2	ng	221780	5	21.192	436765	20.0