LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041621\
Data File : BP005314.D
Acq On : 16 Apr 2021 12:34
Operator : CG/JU
Sample : M2049-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-10-8.5-9.0

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: BP005314.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	377	rVB	432429	609675	38.09%	7.700%
2	6.852	635	640	649	rVB	423169	654363	40.88%	8.265%
3	7.663	773	778	784	rVB2	116936	191325	11.95%	2.416%
4	8.822	969	975	984	rVB	255261	404614	25.28%	5.110%
5	10.452	1246	1252	1259	rVB	110748	167743	10.48%	2.119%
6	12.940	1668	1675	1688	rBV	591859	793448	49.57%	10.021%
7	14.328	1904	1911	1926	rBV	194552	268814	16.79%	3.395%
8	15.828	2159	2166	2182	rBV	439477	620230	38.75%	7.834%
9	17.092	2375	2381	2393	rBV	248532	335562	20.96%	4.238%
10	17.992	2528	2534	2542	rBV2	66728	107807	6.73%	1.362%
11	19.116	2722	2725	2732	rVB	14659	22017	1.38%	0.278%
12	19.233	2741	2745	2752	rBV2	24033	35476	2.22%	0.448%
13	19.492	2778	2789	2799	rBV2	41728	98452	6.15%	1.243%
14	19.669	2814	2819	2833	rBV	1443045	1600791	100.00%	20.218%
15	20.345	2931	2934	2943	rBV2	41645	68932	4.31%	0.871%
16	20.875	3019	3024	3026	rBV2	21790	32628	2.04%	0.412%
17	20.910	3026	3030	3037	rVV2	101383	184928	11.55%	2.336%
18	20.975	3037	3041	3049	rVV	134902	181462	11.34%	2.292%
19	21.104	3060	3063	3071	rBV	50506	58941	3.68%	0.744%
20	21.192	3072	3078	3082	rBV2	444121	619328	38.69%	7.822%
21	21.233	3082	3085	3093	rVB	73990	101525	6.34%	1.282%
22	21.986	3209	3213	3217	rBV	51945	66712	4.17%	0.843%
23	22.774	3342	3347	3351	rBV	51568	96617	6.04%	1.220%
24	22.822	3352	3355	3362	rVB	52673	85019	5.31%	1.074%
25	23.463	3458	3464	3473	rVB	273446	511216	31.94%	6.457%

Sum of corrected areas: 7917625

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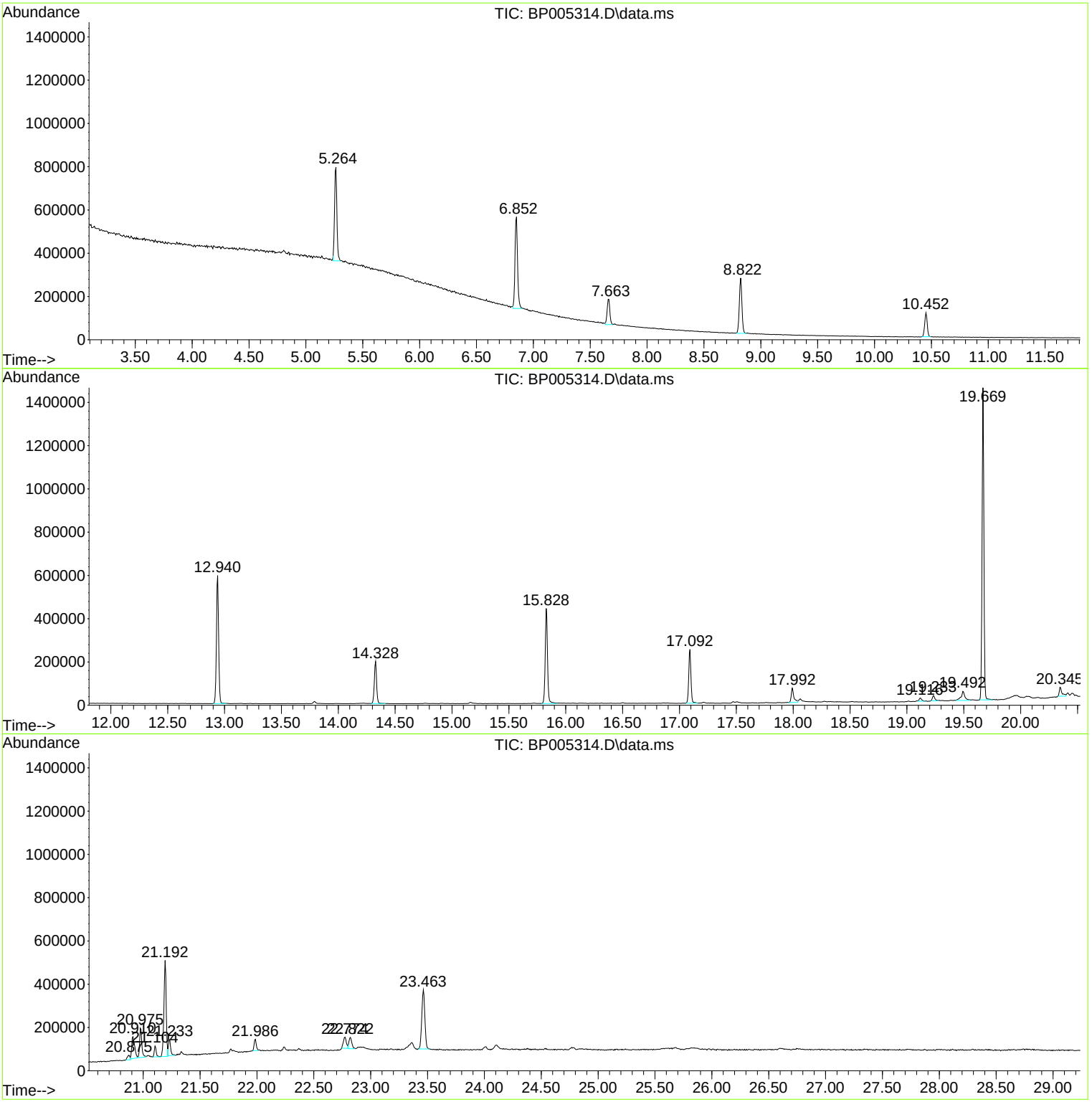
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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TIC Library : C:\DATABASE\NIST11.L
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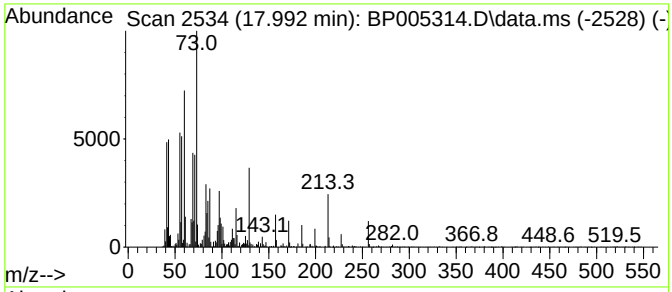
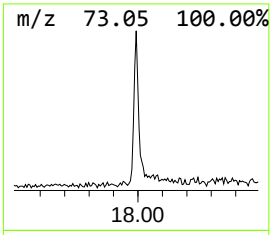
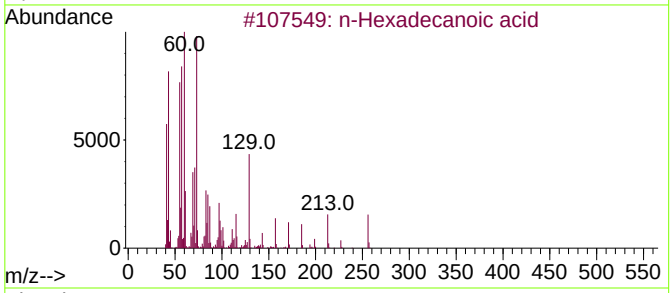
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

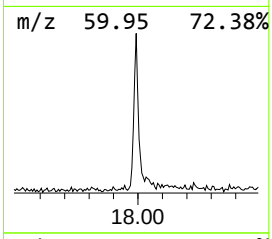
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	6.43 ng	107807	Phenanthrene-d10	17.092

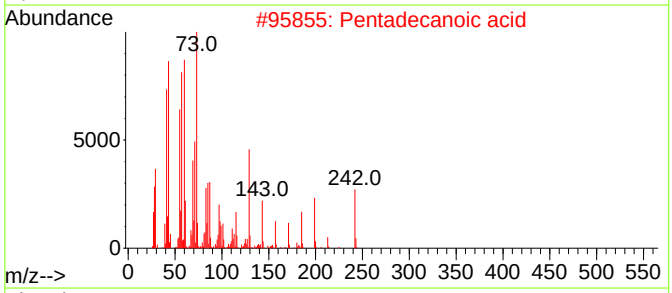
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Tridecanoic acid	214	C13H26O2	000638-53-9	50
4	l-(+)-Ascorbic acid 2,6-dihexade...	652	C38H68O8	028474-90-0	49
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38

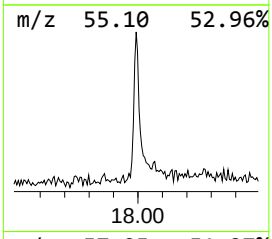


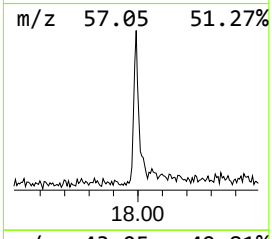


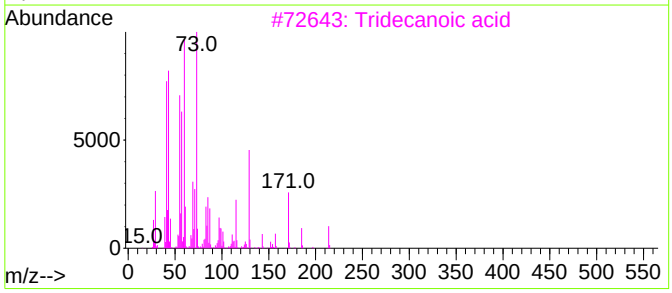


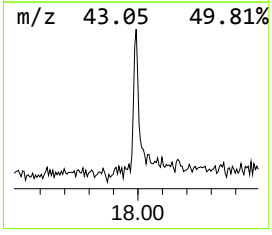












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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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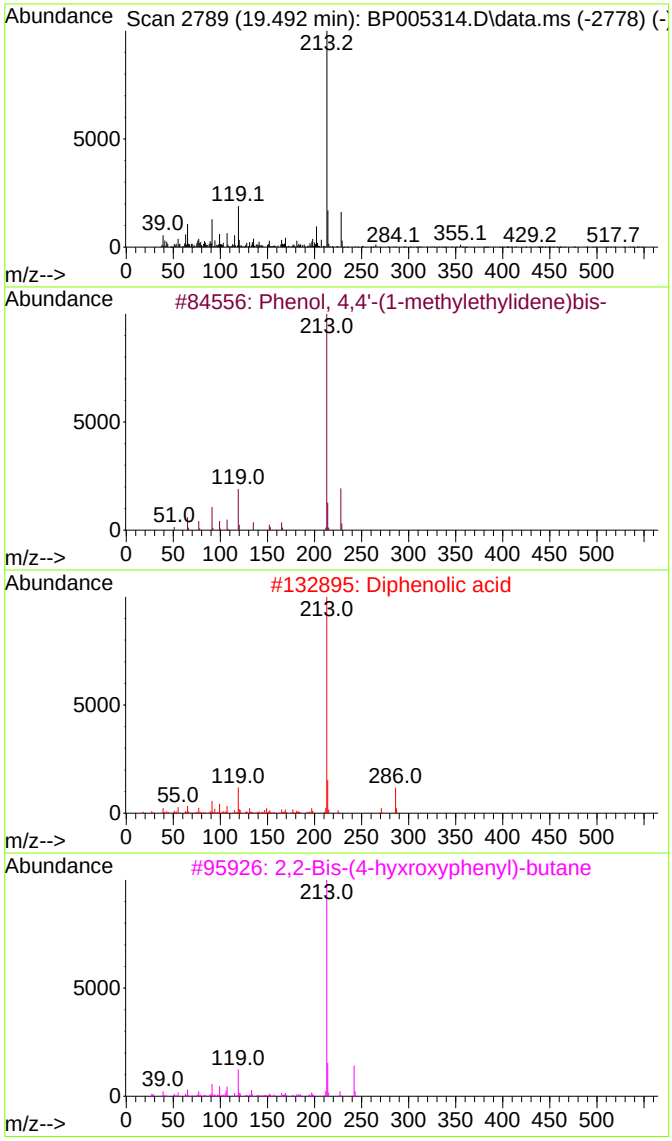
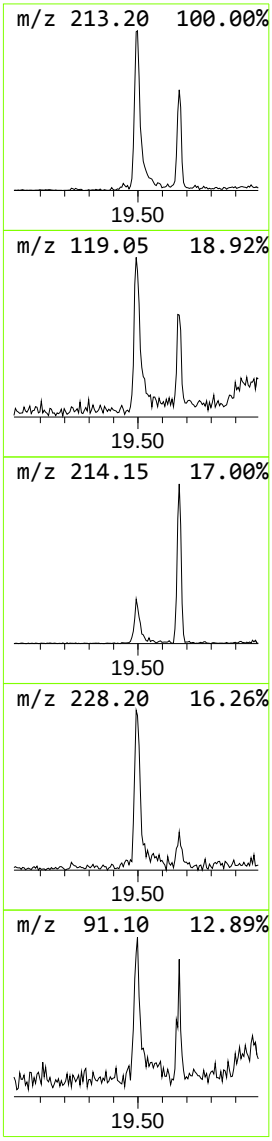
Peak Number 2 Phenol, 4,4'-(1-methylethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.492	3.18 ng	98452	Chrysene-d12	21.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95
2	Diphenolic acid	286	C17H18O4	000126-00-1	59
3	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	59
4	2,5-bis(Trimethylsilyl)thiophene	228	C10H20SSi2	017906-71-7	53
5	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	53





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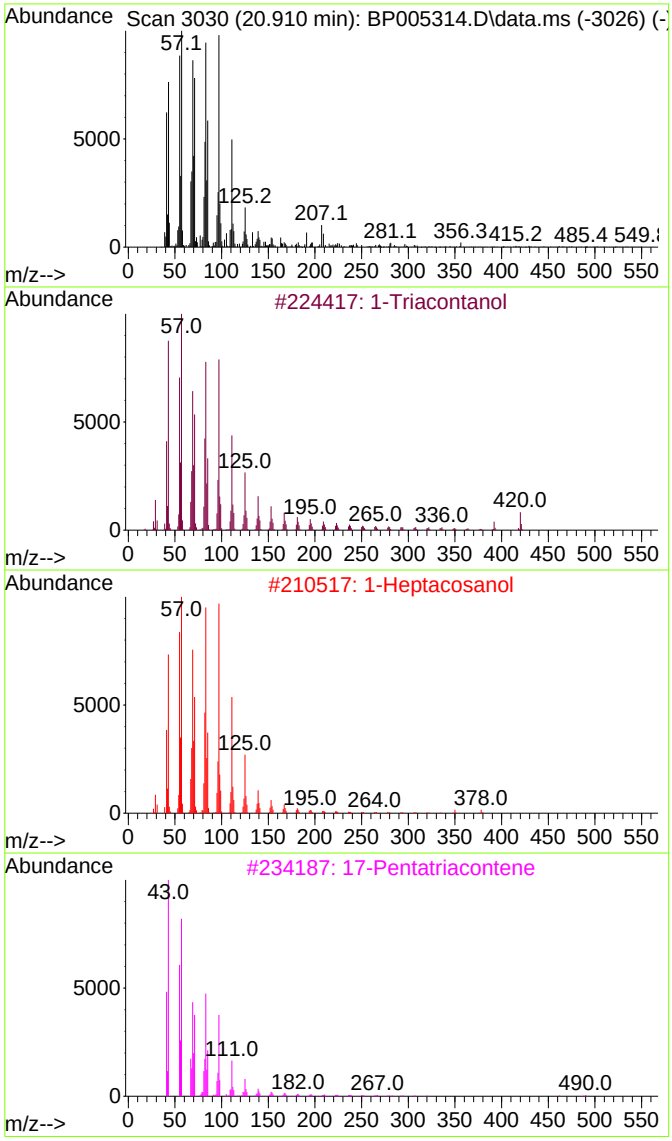
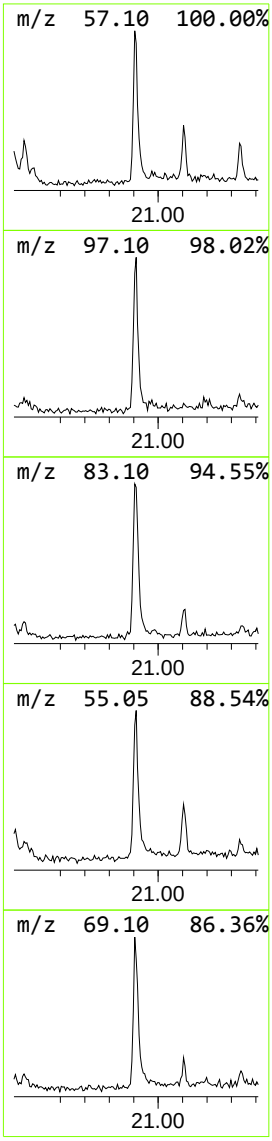
Peak Number 3 1-Triacontanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.910	5.97 ng	184928	Chrysene-d12	21.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Triacontanol	438	C30H62O	000593-50-0	92
2	1-Heptacosanol	396	C27H56O	002004-39-9	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	Cyclohexadecane	224	C16H32	000295-65-8	90
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	87





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Instrument :
BNA_P
ClientSampleId :
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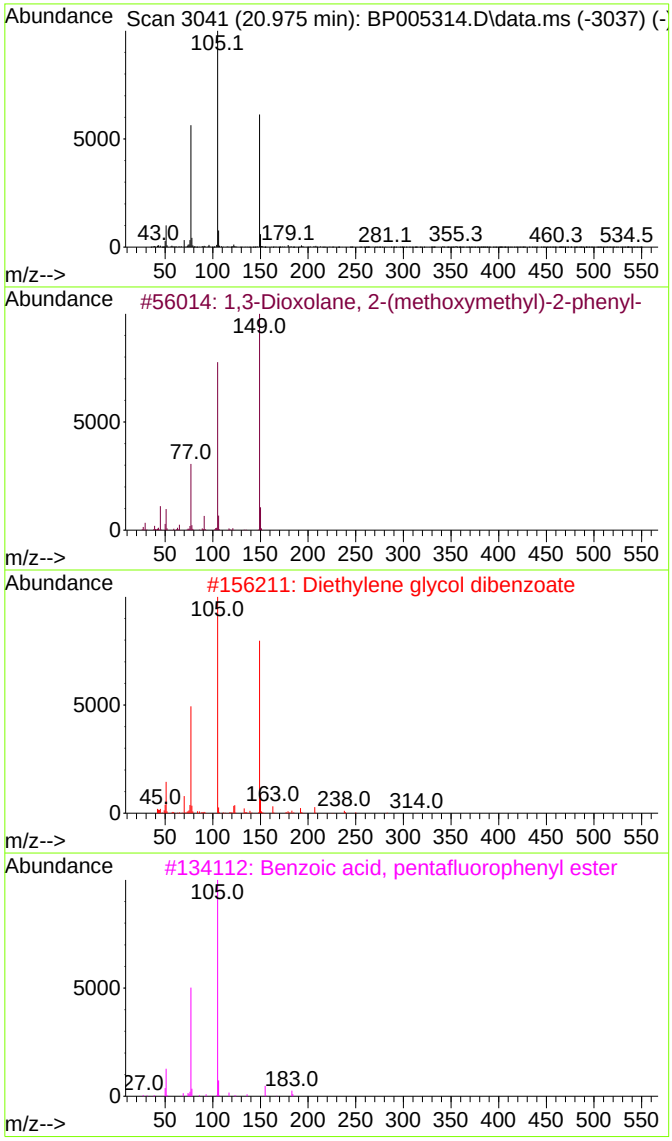
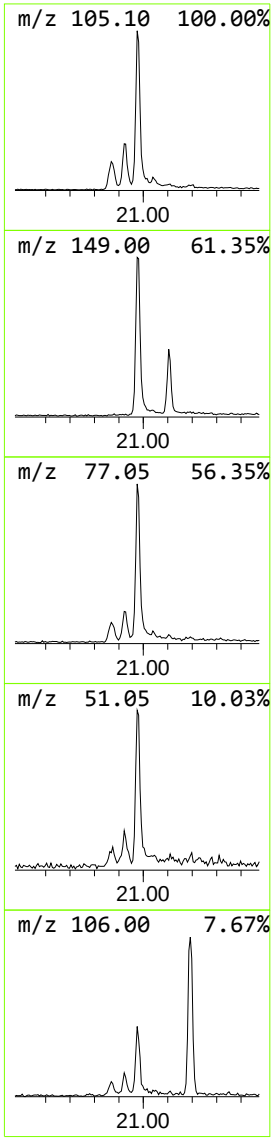
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,3-Dioxolane, 2-(methoxyme... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.975	5.86 ng	181462	Chrysene-d12	21.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	59
2	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	45
3	Benzoic acid, pentafluorophenyl ...	288	C13H5F5O2	1000360-67-9	43
4	Benzenebutanoic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	43
5	4'-Nitrobenzanilide	242	C13H10N2O3	003393-96-2	43





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	17.992	6.4	ng	107807	4	17.092	335562	20.0
Phenol, 4,4'-(1...	19.492	3.2	ng	98452	5	21.192	619328	20.0
1-Triacontanol	20.910	6.0	ng	184928	5	21.192	619328	20.0
1,3-Dioxolane, ...	20.975	5.9	ng	181462	5	21.192	619328	20.0