LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041621\
Data File : BP005316.D
Acq On : 16 Apr 2021 13:42
Operator : CG/JU
Sample : M2049-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-11-8.5-9.0

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: BP005316.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	376	rVB	371467	508028	38.59%	8.267%
2	6.846	635	639	654	rVB	353606	584475	44.40%	9.510%
3	7.663	773	778	791	rVB	105991	178092	13.53%	2.898%
4	8.822	968	975	987	rVB	208973	333236	25.31%	5.422%
5	10.451	1245	1252	1260	rBV	87603	134217	10.20%	2.184%
6	12.940	1667	1675	1684	rBV	464613	596038	45.28%	9.699%
7	14.328	1905	1911	1919	rBV	150765	203955	15.49%	3.319%
8	15.828	2157	2166	2180	rBV	322610	442243	33.59%	7.196%
9	17.092	2373	2381	2391	rBV	178750	246622	18.73%	4.013%
10	17.992	2529	2534	2542	rBV2	31451	50990	3.87%	0.830%
11	19.233	2741	2745	2751	rBV5	12518	19180	1.46%	0.312%
12	19.492	2785	2789	2798	rVB	29593	48974	3.72%	0.797%
13	19.669	2814	2819	2825	rBV	1188882	1316402	100.00%	21.420%
14	20.351	2931	2935	2942	rVB3	15629	20645	1.57%	0.336%
15	20.874	3019	3024	3026	rBV	24624	38513	2.93%	0.627%
16	20.910	3026	3030	3037	rVV2	102363	192670	14.64%	3.135%
17	20.980	3038	3042	3051	rVB	161017	206528	15.69%	3.361%
18	21.110	3060	3064	3068	rBV2	22008	27160	2.06%	0.442%
19	21.192	3073	3078	3083	rVV	368276	476572	36.20%	7.755%
20	21.233	3083	3085	3089	rVB	29635	29857	2.27%	0.486%
21	21.986	3210	3213	3219	rVB	25601	32696	2.48%	0.532%
22	23.463	3458	3464	3475	rVB2	246363	458483	34.83%	7.460%

Sum of corrected areas: 6145576

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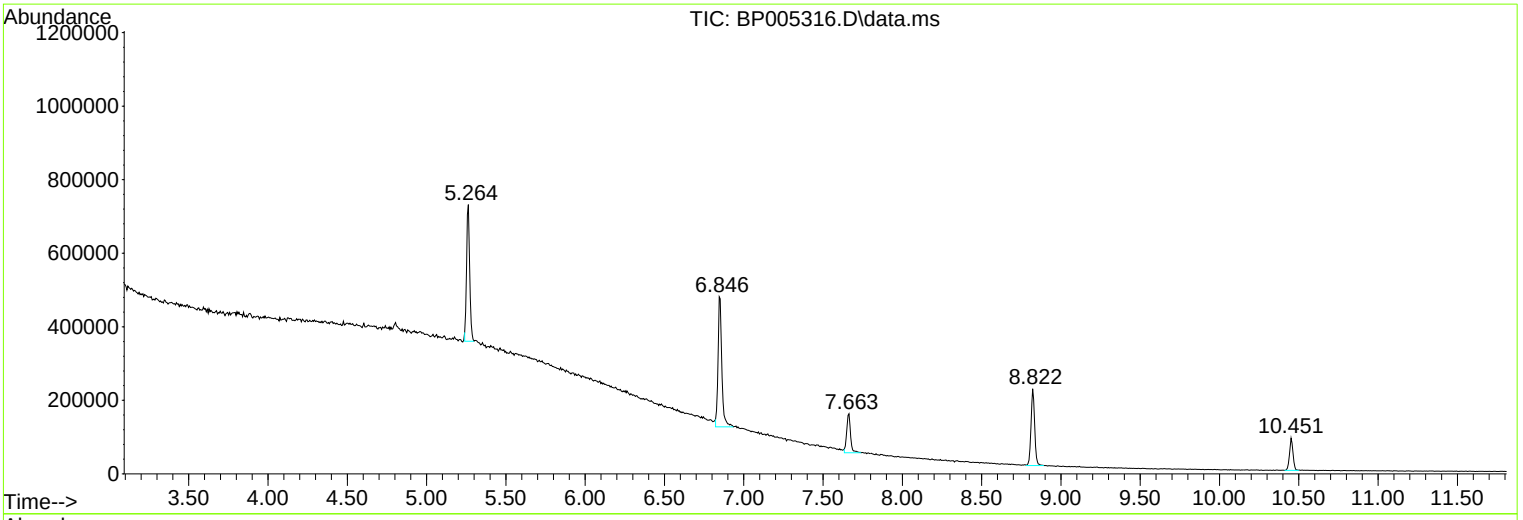
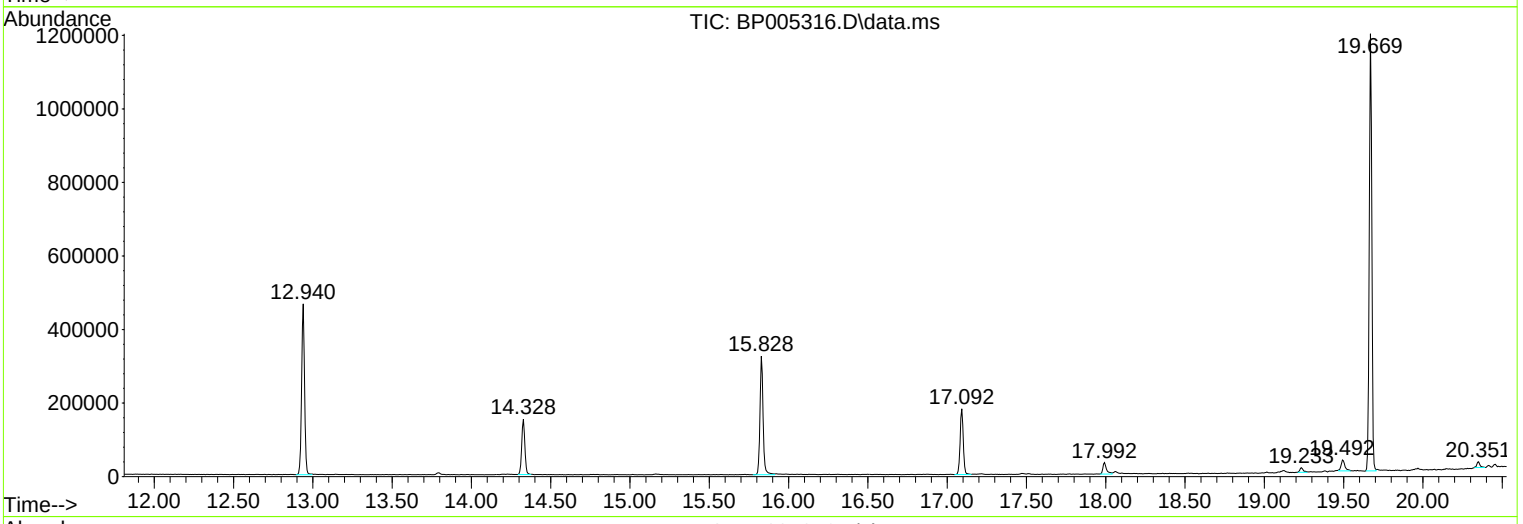
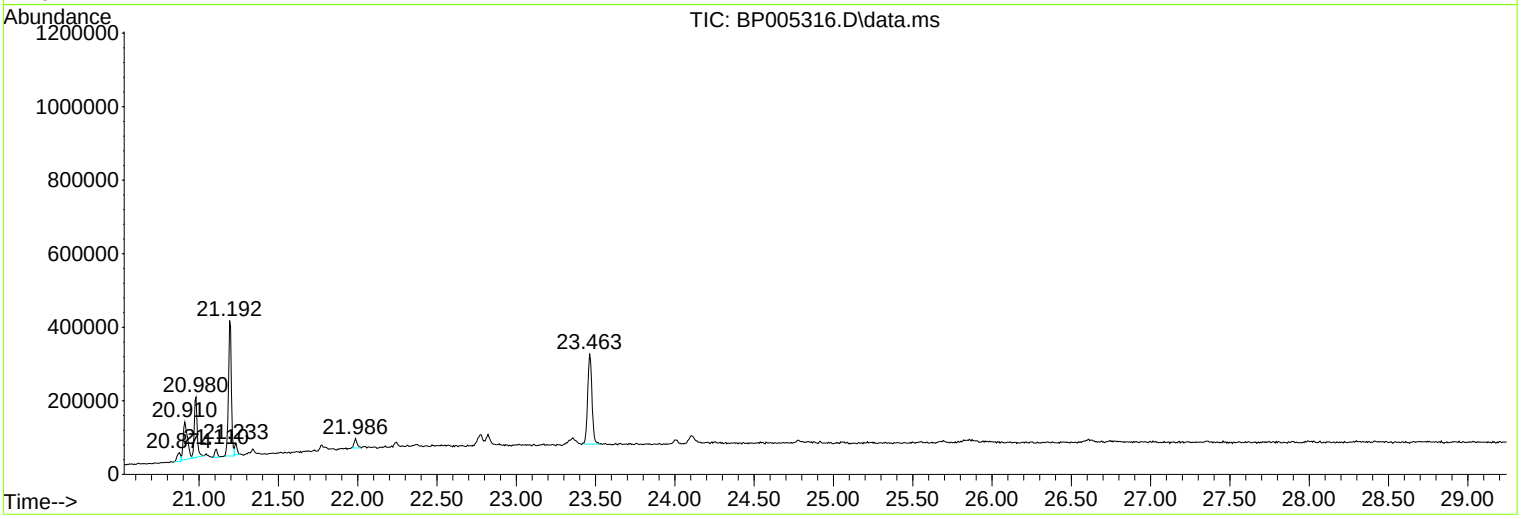
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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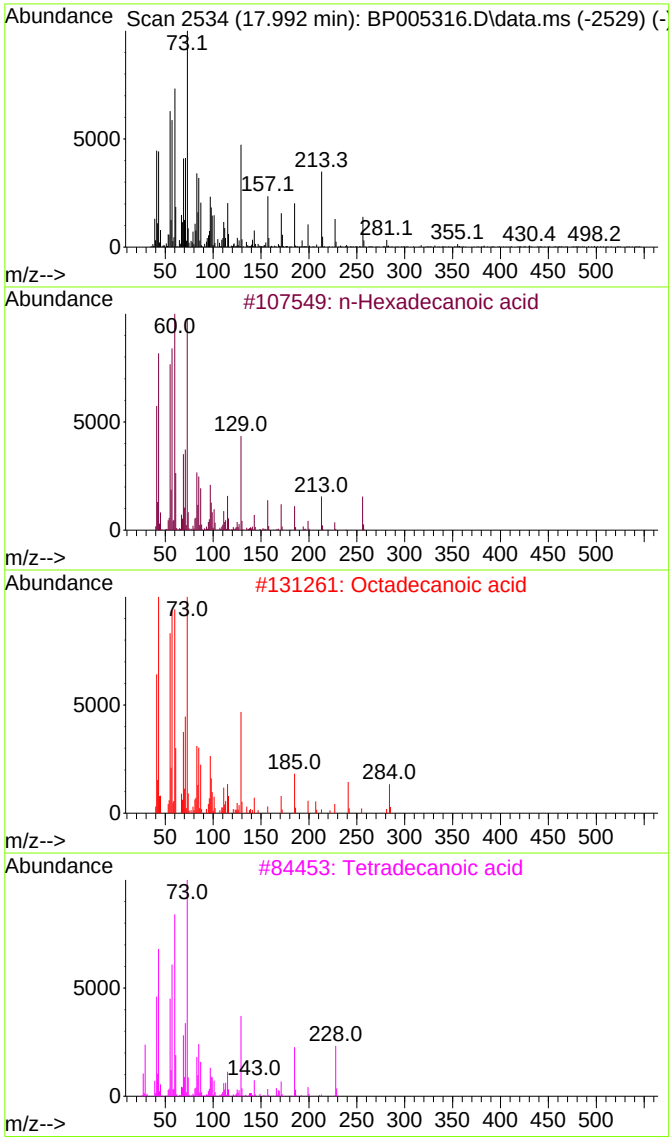
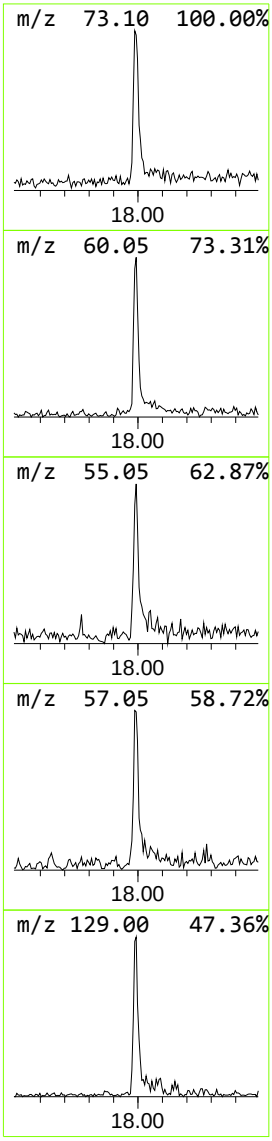
Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	4.14 ng	50990	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	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





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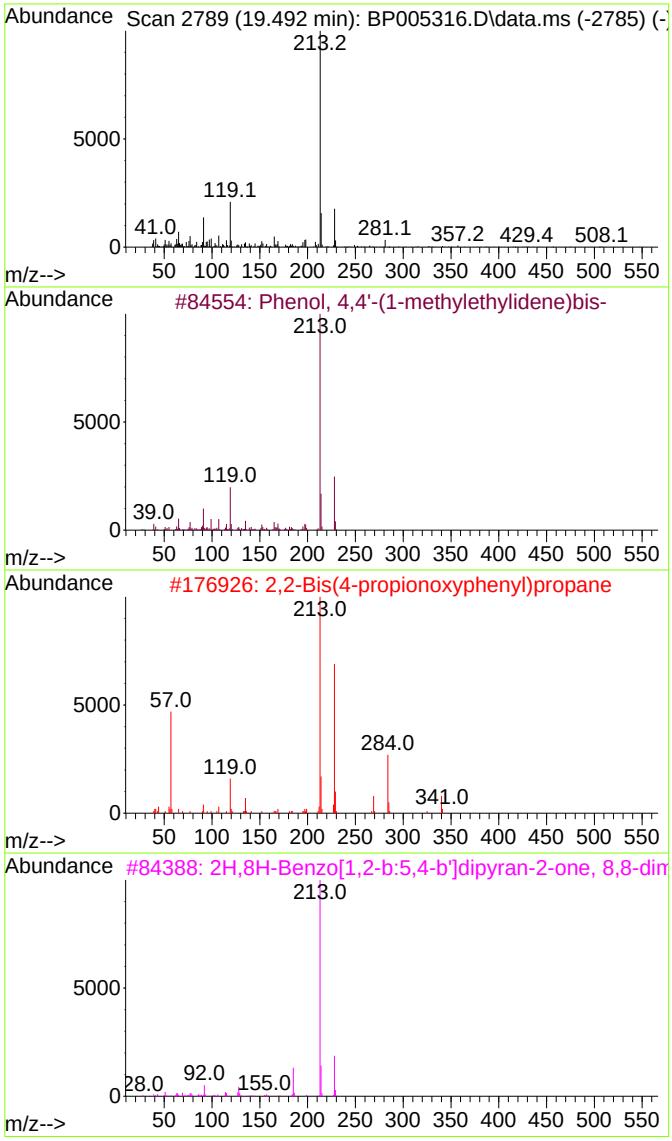
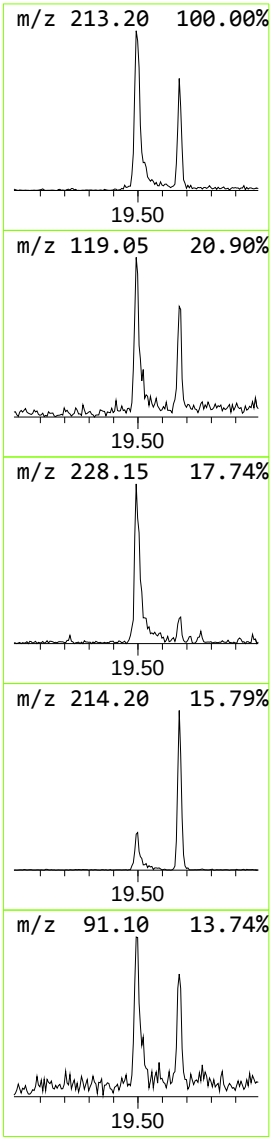
Peak Number 2 Phenol, 4,4'-(1-methylethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.492	2.06 ng	48974	Chrysene-d12	21.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	93
2	2,2-Bis(4-propionoxyphenyl)propane	340	C21H24O4	003711-19-1	64
3	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	59
4	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	42
5	5-n-Butyl-2,4-diamino-6-[p-tolyl...	256	C15H20N4	274679-66-2	42





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
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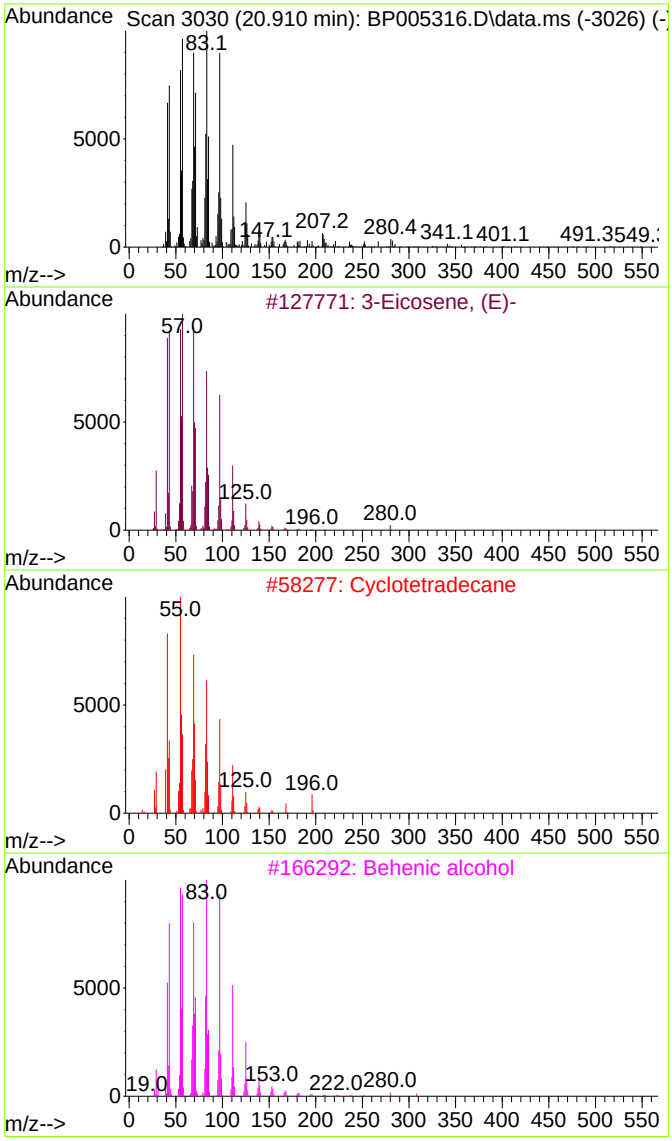
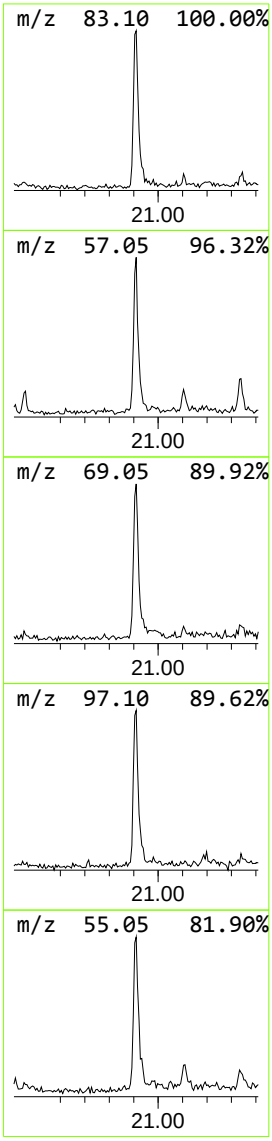
Peak Number 3 3-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.910	8.09 ng	192670	Chrysene-d12	21.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	Cyclotetradecane	196	C14H28	000295-17-0	95
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94





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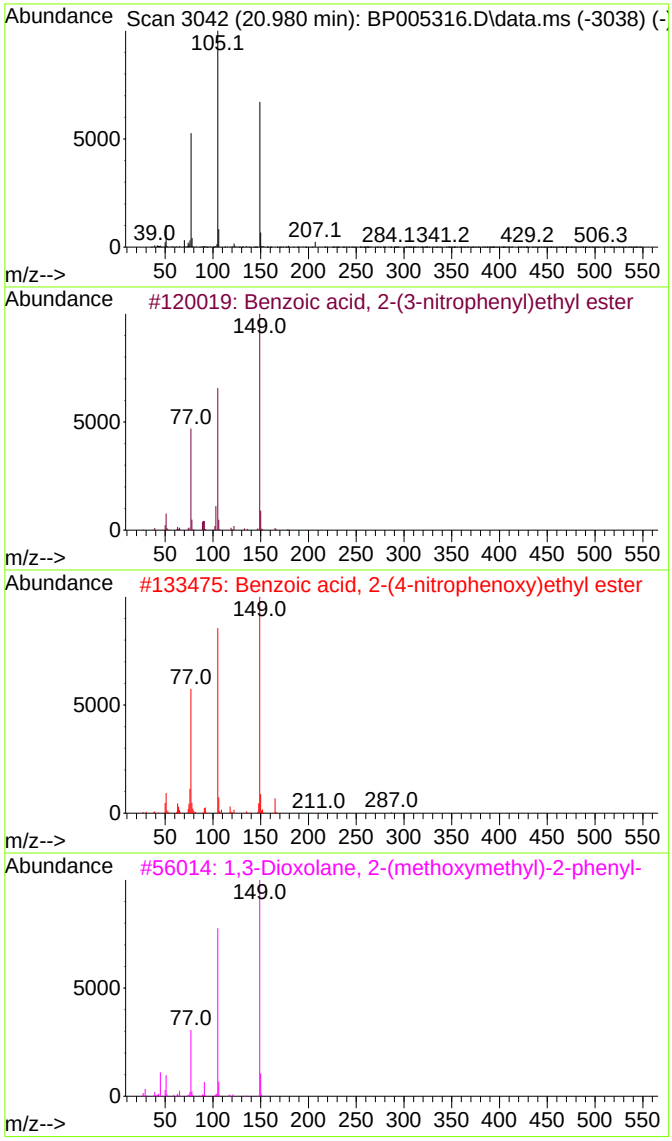
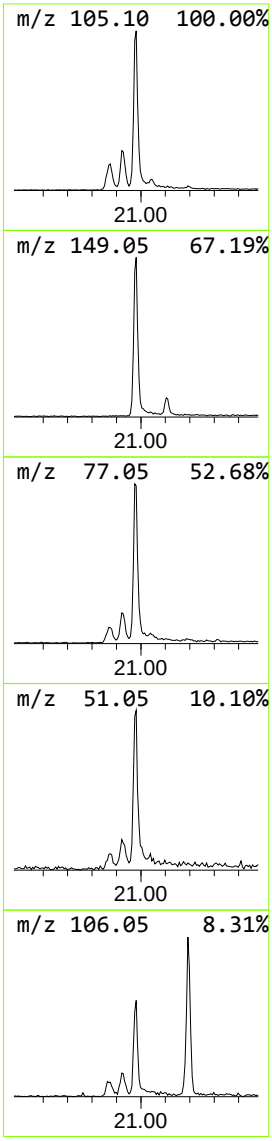
****
Peak Number 4 Benzoic acid, 2-(3-nitrophe... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.980	8.67 ng	206528	Chrysene-d12	21.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	72
2	Benzoic acid, 2-(4-nitrophenoxy)...	287	C15H13NO5	1000368-92-7	72
3	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	59
4	2,3-Dimethyl-4a,8a-diphenyl-hexa...	326	C20H22O4	1000297-07-0	59
5	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	56





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	4.1	ng	50990	4	17.092	246622	20.0
Phenol, 4,4'-(1...	19.492	2.1	ng	48974	5	21.192	476572	20.0
3-Eicosene, (E)-	20.910	8.1	ng	192670	5	21.192	476572	20.0
Benzoic acid, 2...	20.980	8.7	ng	206528	5	21.192	476572	20.0