LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009284.D
Acq On : 07 Mar 2022 13:31
Operator : CG/JU
Sample : N1790-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DUM-19

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-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009284.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.069	10	14	26	rVB	898393	1324801	3.31%	0.711%
2	5.416	406	413	425	rBV	7096300	11113228	27.77%	5.962%
3	6.993	673	681	693	rBV	6979718	11823934	29.54%	6.344%
4	7.822	814	822	830	rBV	1798576	3054996	7.63%	1.639%
5	8.975	1008	1018	1030	rBV	4168854	7323265	18.30%	3.929%
6	10.616	1288	1297	1306	rBV	2376339	4352678	10.88%	2.335%
7	13.087	1710	1717	1728	rBV	10690285	17071473	42.65%	9.159%
8	14.463	1944	1951	1958	rBV	3984270	6189853	15.47%	3.321%
9	15.957	2198	2205	2215	rVB	9733382	14339404	35.83%	7.693%
10	17.222	2414	2420	2426	rBV	4946425	7681738	19.19%	4.121%
11	18.128	2570	2574	2582	rBV	537354	827965	2.07%	0.444%
12	18.692	2657	2670	2680	rBV	1785543	5654438	14.13%	3.034%
13	18.810	2681	2690	2698	rVV	2405783	7257560	18.13%	3.894%
14	18.922	2698	2709	2725	rVV	16605609	40023692	100.00%	21.473%
15	19.075	2728	2735	2751	rVB	512229	1328986	3.32%	0.713%
16	19.245	2758	2764	2775	rVB2	276747	639102	1.60%	0.343%
17	19.369	2781	2785	2797	rBV3	341046	516526	1.29%	0.277%
18	19.804	2850	2859	2871	rVB	18407743	25751192	64.34%	13.815%
19	20.545	2979	2985	2990	rBV	482976	810968	2.03%	0.435%
20	21.057	3068	3072	3078	rBV2	965241	1279614	3.20%	0.687%
21	21.204	3092	3097	3103	rBV	405163	747059	1.87%	0.401%
22	21.327	3113	3118	3130	rVV	6040557	8779980	21.94%	4.710%
23	21.845	3202	3206	3215	rBV	436885	719617	1.80%	0.386%
24	23.345	3458	3461	3469	rVB2	225578	418637	1.05%	0.225%
25	23.739	3521	3528	3541	rVB2	3341689	7363610	18.40%	3.951%

Sum of corrected areas: 186394316

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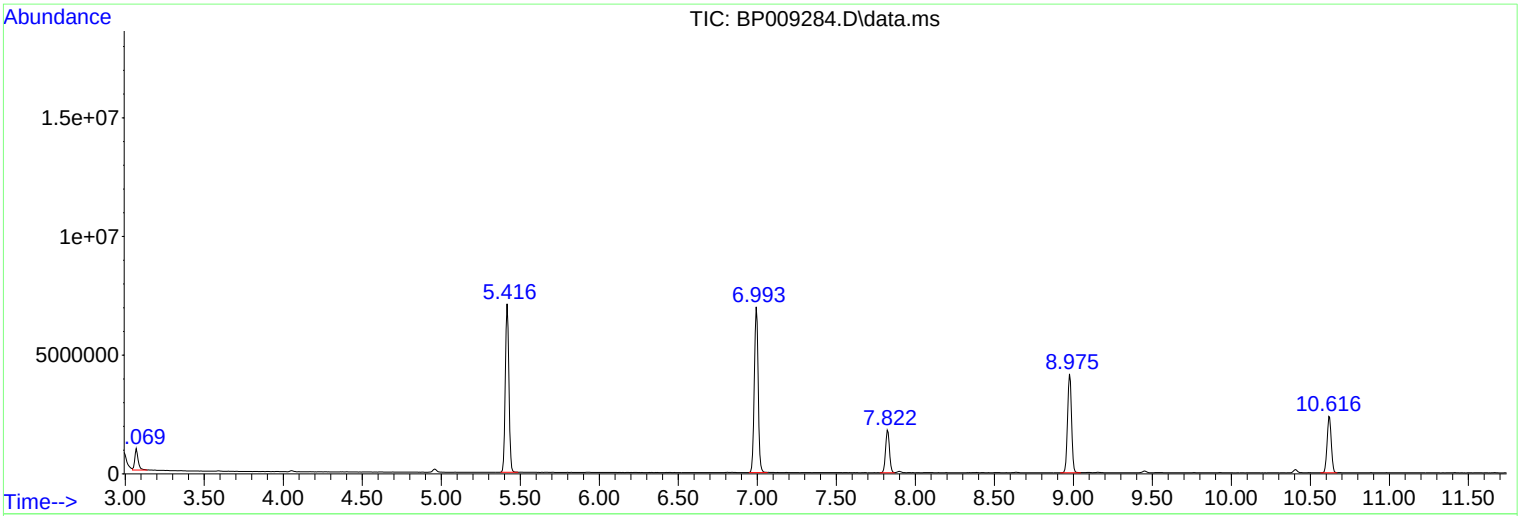
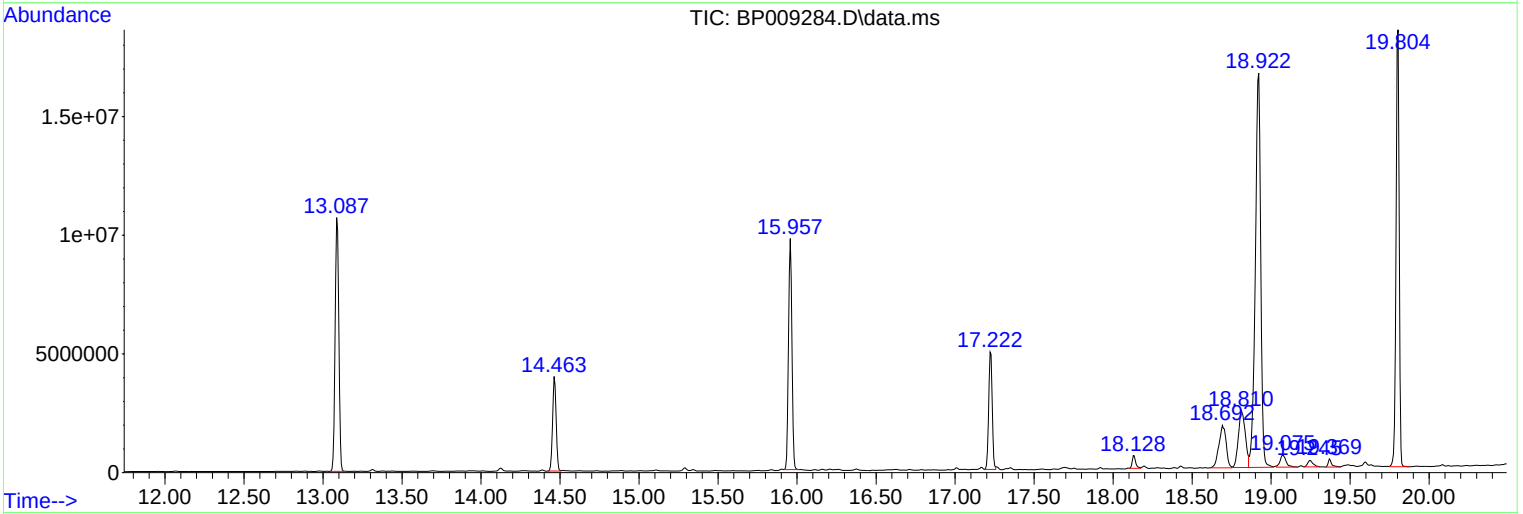
Misc :
ALS Vial : 6 Sample Multiplier: 1

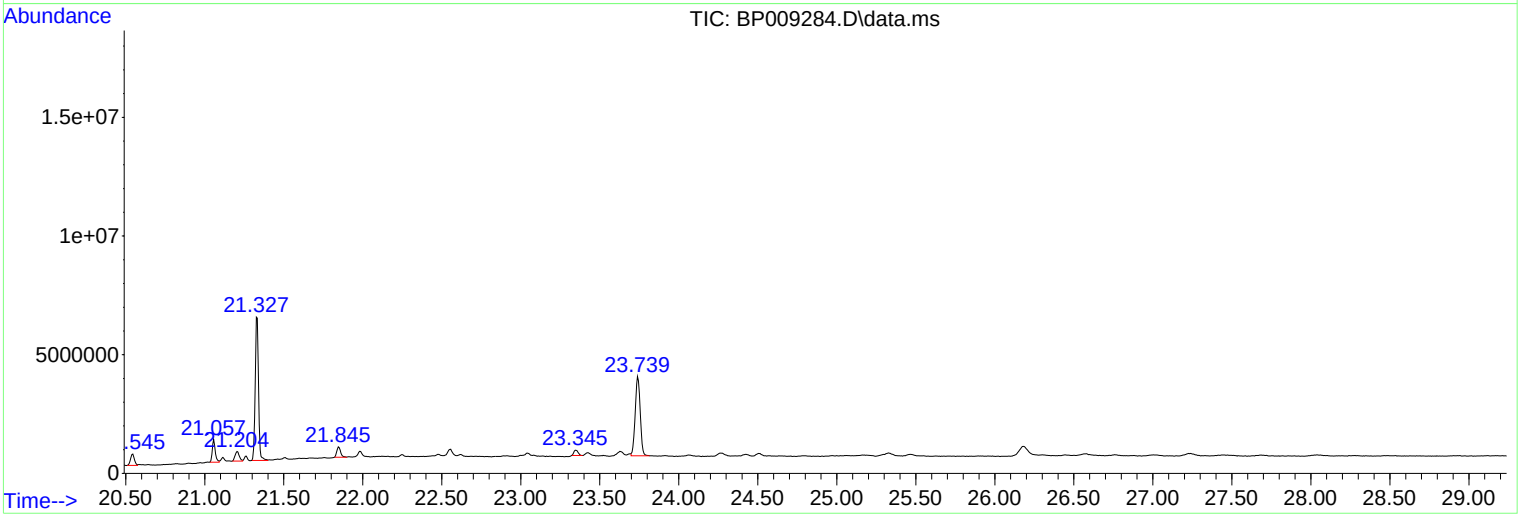
Instrument :
BNA_P
ClientSampleId :
DUM-19

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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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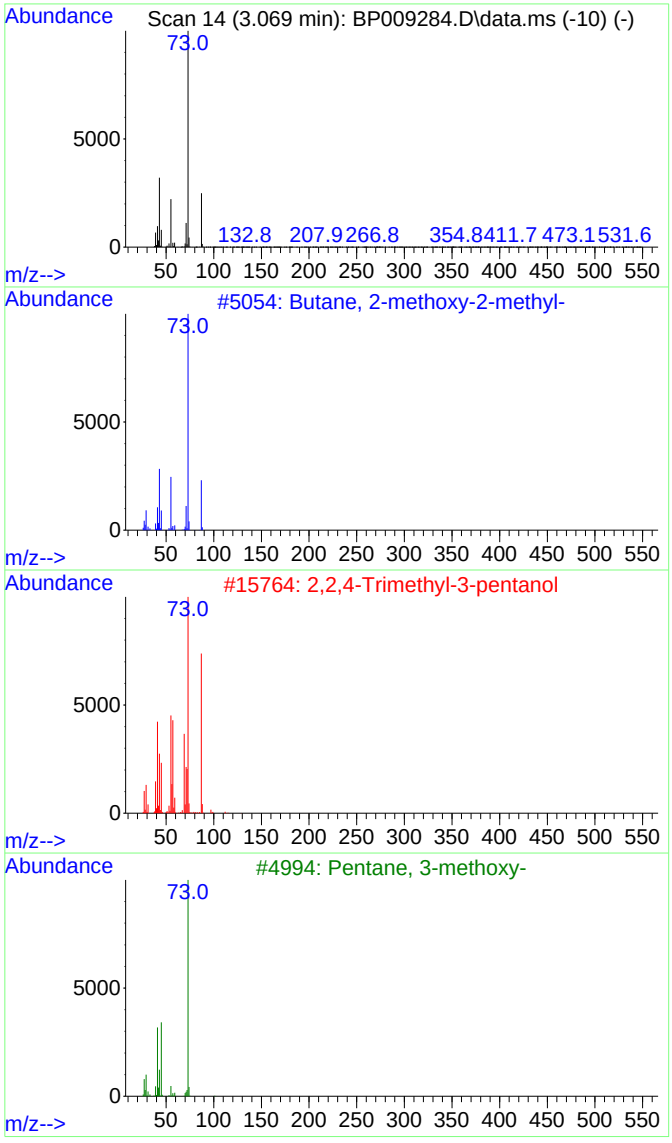
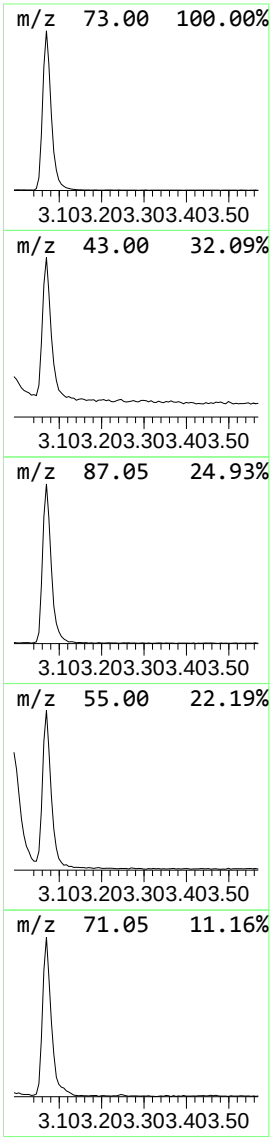
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.069	8.67 ng	1324800	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Data File : BP009284.D
Acq On : 07 Mar 2022 13:31
Operator : CG/JU
Sample : N1790-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

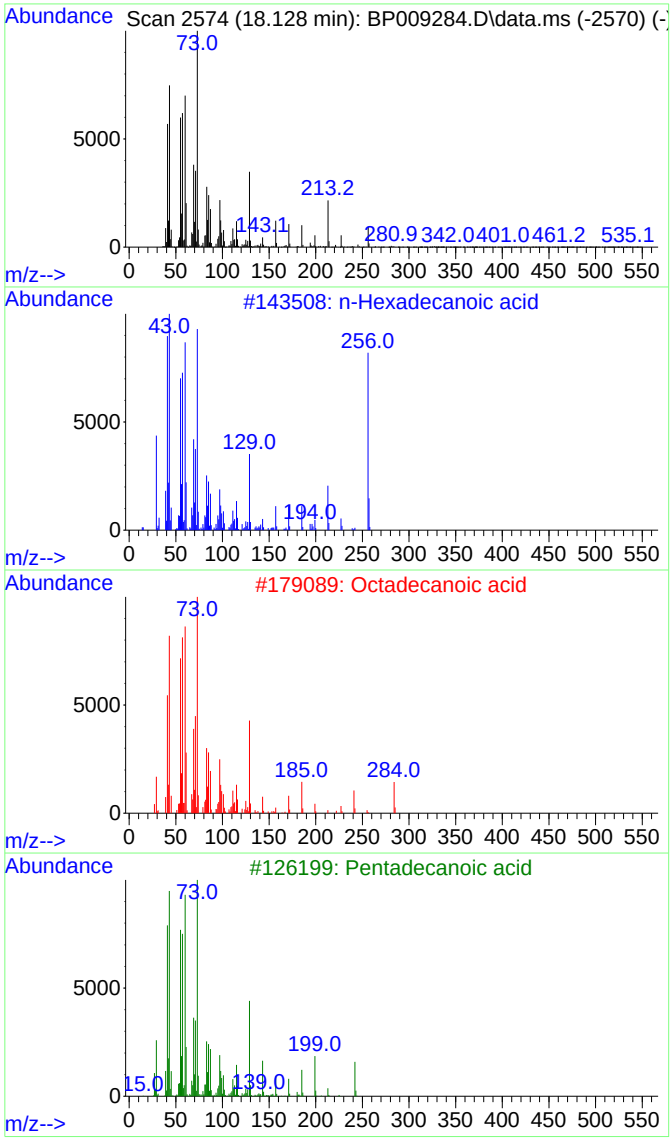
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

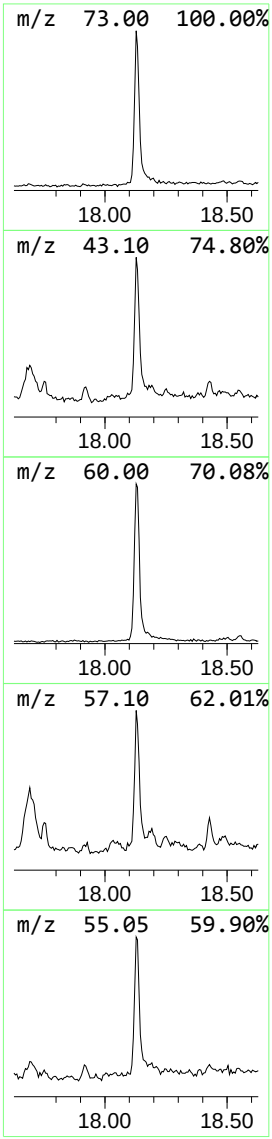
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.128	2.16 ng	827965	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	62
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
5	Nonanoic acid	158	C9H18O2	000112-05-0	30





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Sample : N1790-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUM-19

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

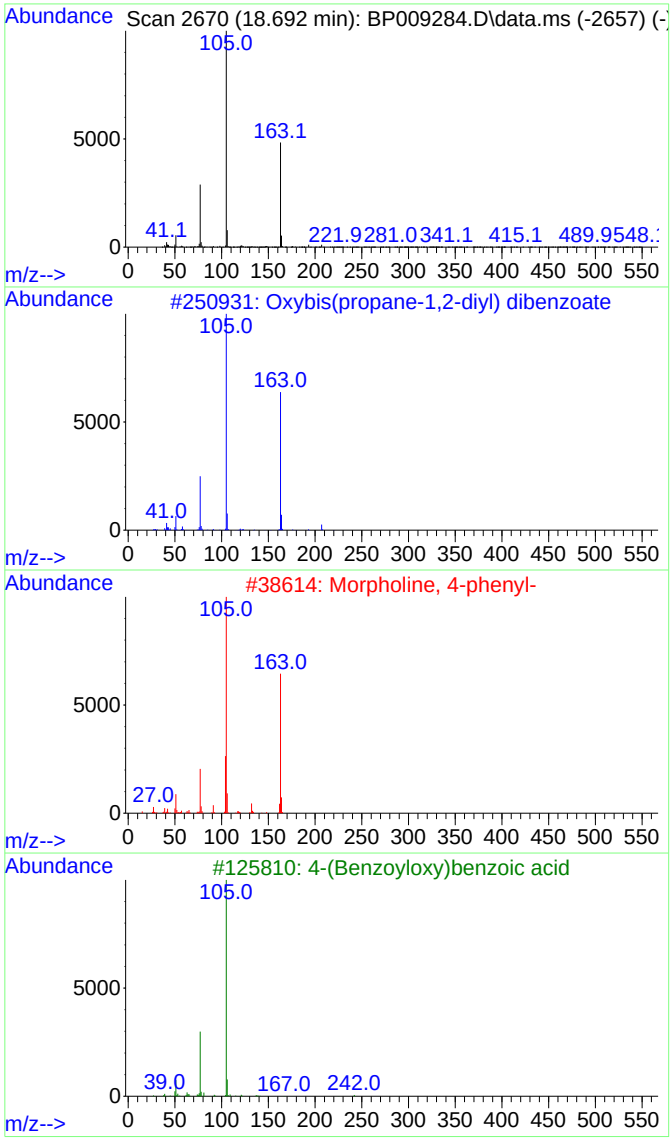
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

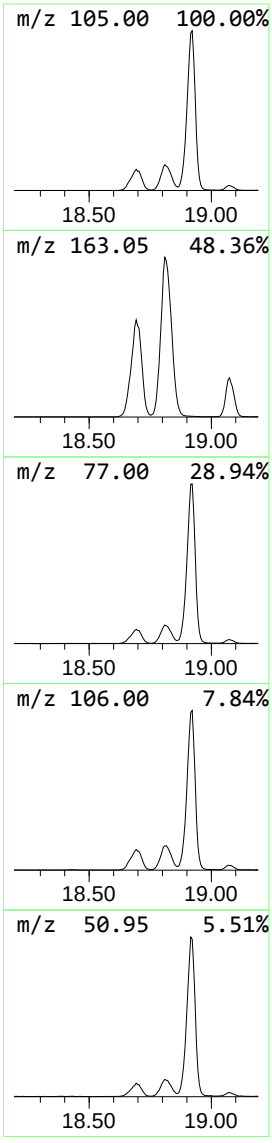
****

Peak Number 3 Oxybis(propane-1,2-diyl) di... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.692	14.72 ng	5654440	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxybis(propane-1,2-diyl) dibenzoate	342	C20H22O5	000094-03-1	90
2	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	53
3	4-(Benzoyloxy)benzoic acid	242	C14H10O4	028547-23-1	38
4	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	38
5	Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	38





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUM-19

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

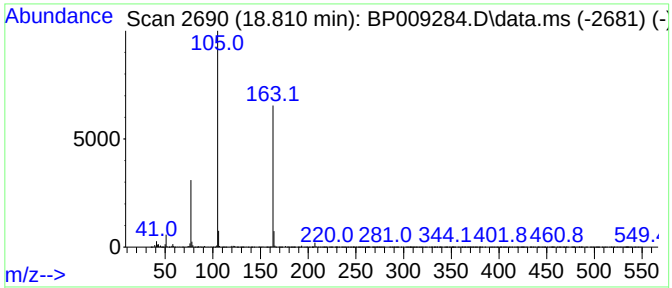
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

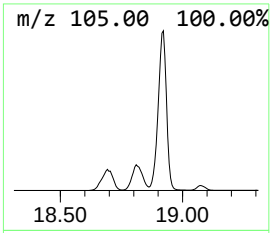
****

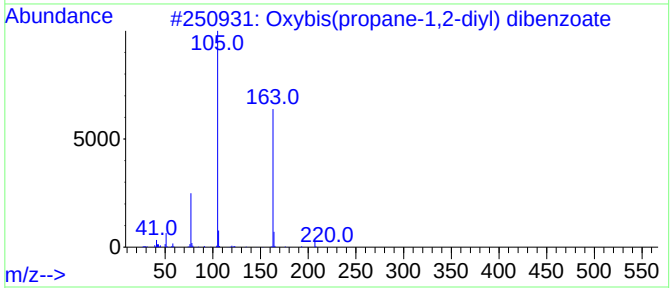
Peak Number 4 Morpholine, 4-phenyl- Concentration Rank 2

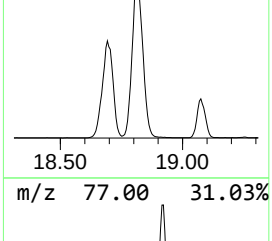
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.810	18.90 ng	7257560	Phenanthrene-d10	17.222

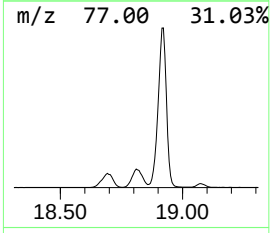
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxybis(propane-1,2-diyl) dibenzoate	342	C20H22O5	000094-03-1	90
2	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	72
3	Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	50
4	Phenylglyoxylic acid, pentyl ester	220	C13H16O3	1000453-46-0	38
5	Phenylglyoxylic acid, butyl ester	206	C12H14O3	1000453-46-6	38

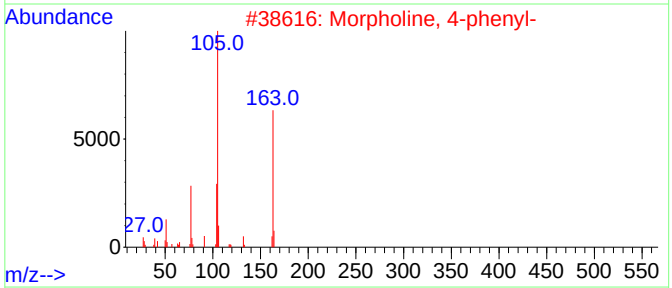


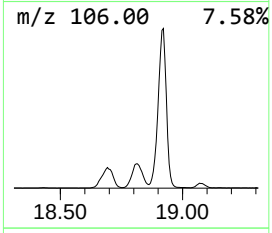


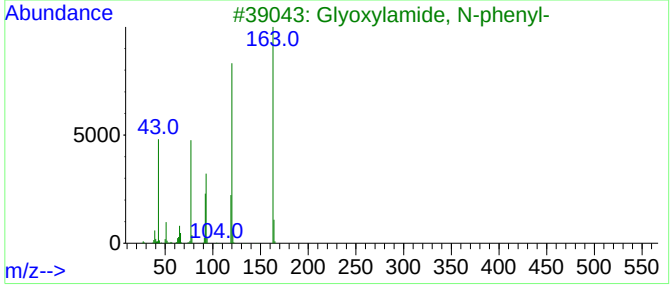


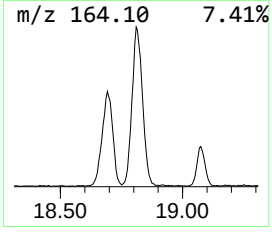












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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

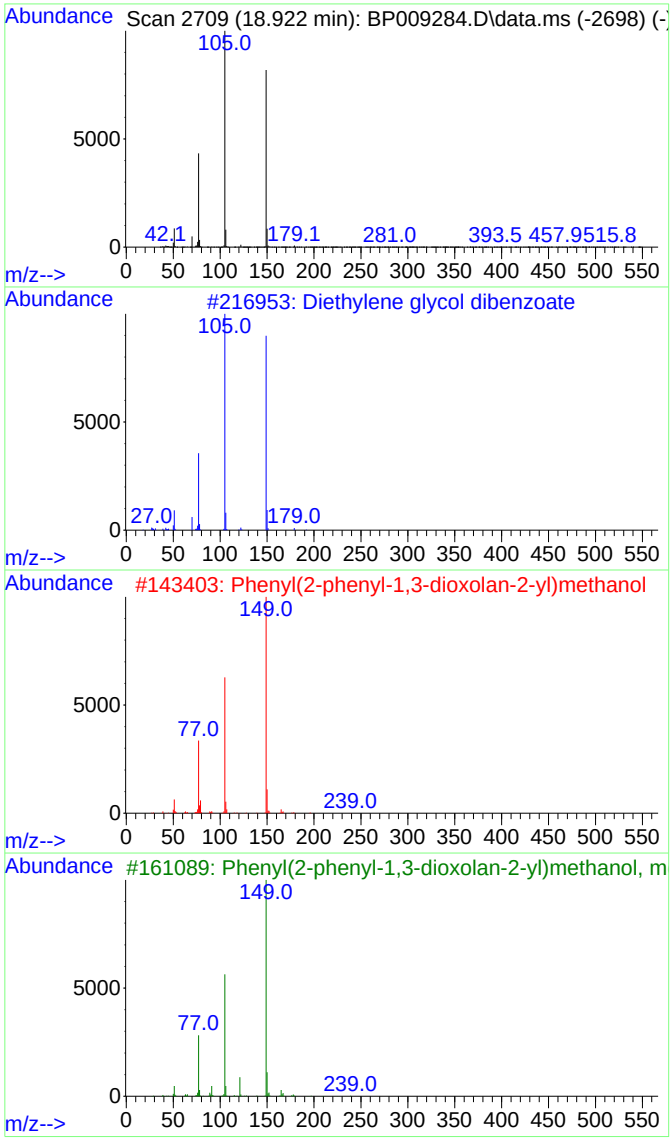
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

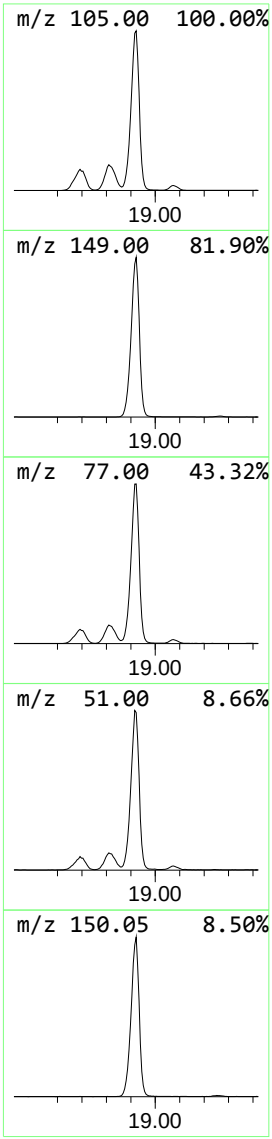
****

Peak Number 5 Diethylene glycol dibenzoate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.922	104.21 ng	40023700	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	80
2	Phenyl(2-phenyl-1,3-dioxolan-2-y...	256	C16H16O3	005694-69-9	78
3	Phenyl(2-phenyl-1,3-dioxolan-2-y...	270	C17H18O3	1000507-07-6	74
4	3,6,9,12-Tetraoxatetradecane-1,1...	446	C24H30O8	1000366-97-0	72
5	Phenyl(2-phenyl-1,3-dioxolan-2-y...	298	C18H18O4	006963-16-2	64





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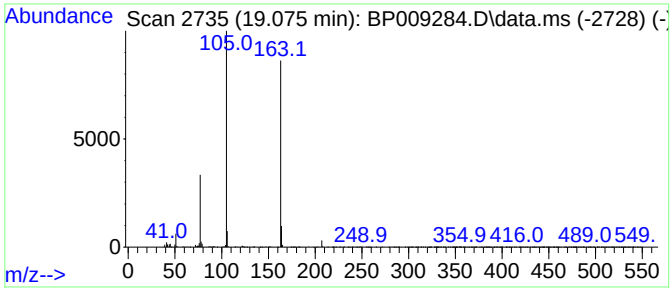
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

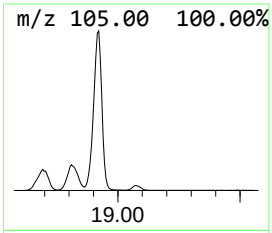
****

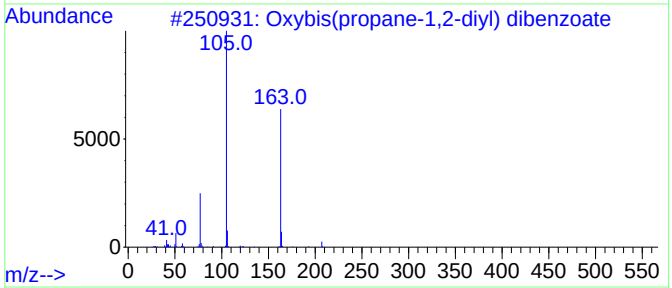
Peak Number 6 Glyoxylamide, N-phenyl- Concentration Rank 5

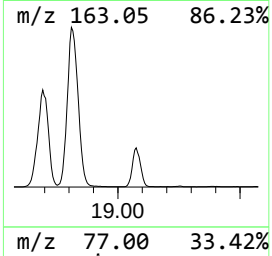
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.075	3.46 ng	1328990	Phenanthrene-d10	17.222

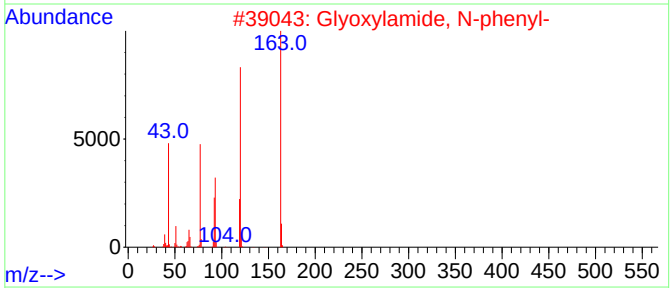
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxybis(propane-1,2-diyl) dibenzoate	342	C20H22O5	000094-03-1	83
2	Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	59
3	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	56
4	3,5-Dimethylphenyl isothiocyanate	163	C9H9NS	040046-30-8	40
5	Phthalic acid, 2-isopropylphenyl...	298	C18H18O4	1000315-52-2	40

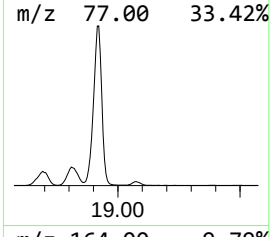


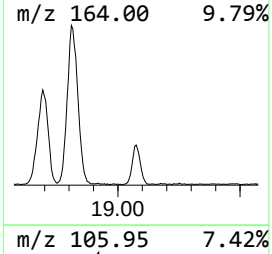


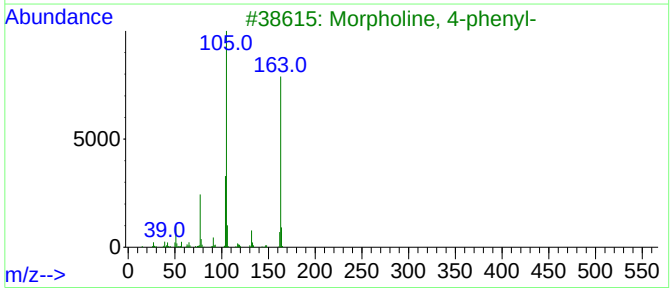


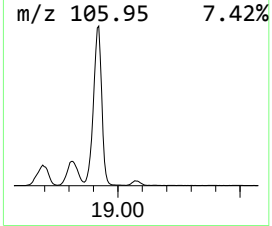












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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

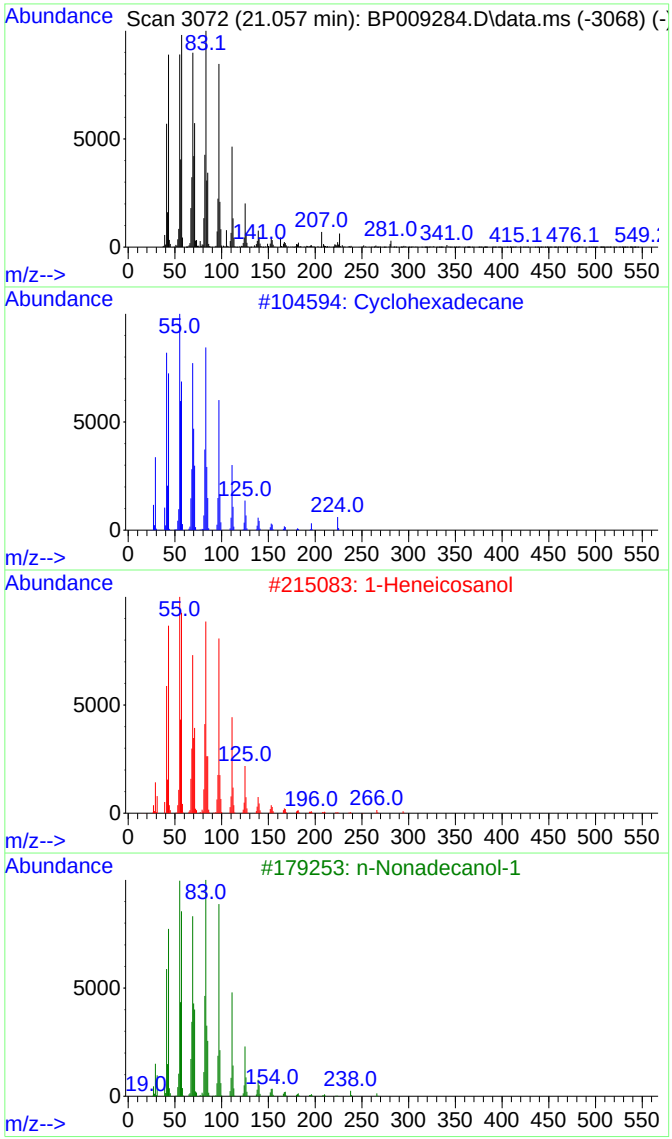
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

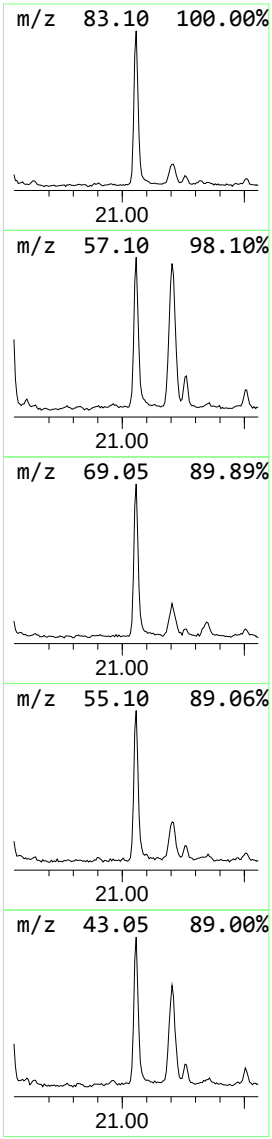
****

Peak Number 7 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.057	2.91 ng	1279610	Chrysene-d12	21.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009284.D
Acq On : 07 Mar 2022 13:31
Operator : CG/JU
Sample : N1790-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUM-19

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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
Butane, 2-metho...	3.069	8.7	ng	1324800	1	7.822	3055000	20.0
n-Hexadecanoic ...	18.128	2.2	ng	827965	4	17.222	7681740	20.0
Oxybis(propane-...	18.692	14.7	ng	5654440	4	17.222	7681740	20.0
Morpholine, 4-p...	18.810	18.9	ng	7257560	4	17.222	7681740	20.0
Diethylene glyc...	18.922	104.2	ng	40023700	4	17.222	7681740	20.0
Glyoxylamide, N...	19.075	3.5	ng	1328990	4	17.222	7681740	20.0
Cyclohexadecane	21.057	2.9	ng	1279610	5	21.333	8779980	20.0