LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011922\
Data File : BP008857.D
Acq On : 19 Jan 2022 17:02
Operator : CG/JU
Sample : N1154-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20220031-KEANSBURG-2-MODIFIED-ELUTRIATE

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-BP011422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008857.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.052	6	11	32	rVB	4421982	5273574	48.53%	8.827%
2	5.428	409	415	436	rBV	1432162	2333207	21.47%	3.905%
3	7.022	678	686	706	rBV	819462	1578093	14.52%	2.641%
4	7.846	819	826	835	rBV	886242	1438118	13.24%	2.407%
5	9.004	1008	1023	1046	rBV	2134574	3768071	34.68%	6.307%
6	10.645	1294	1302	1318	rBV	1040106	1894783	17.44%	3.171%
7	13.110	1714	1721	1737	rBV	6245415	9544360	87.84%	15.975%
8	13.322	1752	1757	1766	rVB2	117941	173110	1.59%	0.290%
9	14.486	1948	1955	1974	rBV	1612017	2544409	23.42%	4.259%
10	15.981	2202	2209	2228	rBV	4470053	6880426	63.32%	11.516%
11	17.239	2417	2423	2434	rBV	1857665	2846990	26.20%	4.765%
12	17.533	2468	2473	2479	rBV3	53756	114068	1.05%	0.191%
13	18.139	2571	2576	2584	rBV	290626	486504	4.48%	0.814%
14	19.369	2782	2785	2795	rBV2	136426	235490	2.17%	0.394%
15	19.804	2853	2859	2871	rBV	8925272	10865948	100.00%	18.187%
16	21.045	3066	3070	3079	rBV	1098366	1425369	13.12%	2.386%
17	21.333	3114	3119	3128	rBV	2555966	3352602	30.85%	5.612%
18	21.451	3134	3139	3144	rBV	922705	1332456	12.26%	2.230%
19	23.745	3523	3529	3540	rVB2	1684798	3656671	33.65%	6.121%

Sum of corrected areas: 59744249

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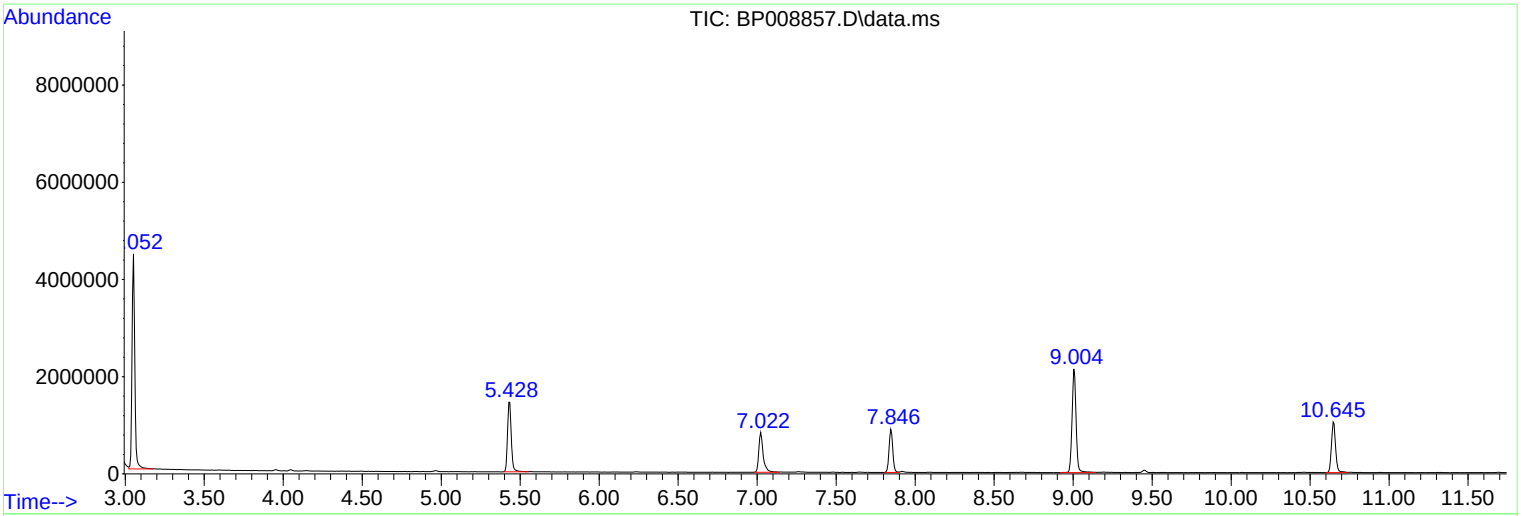
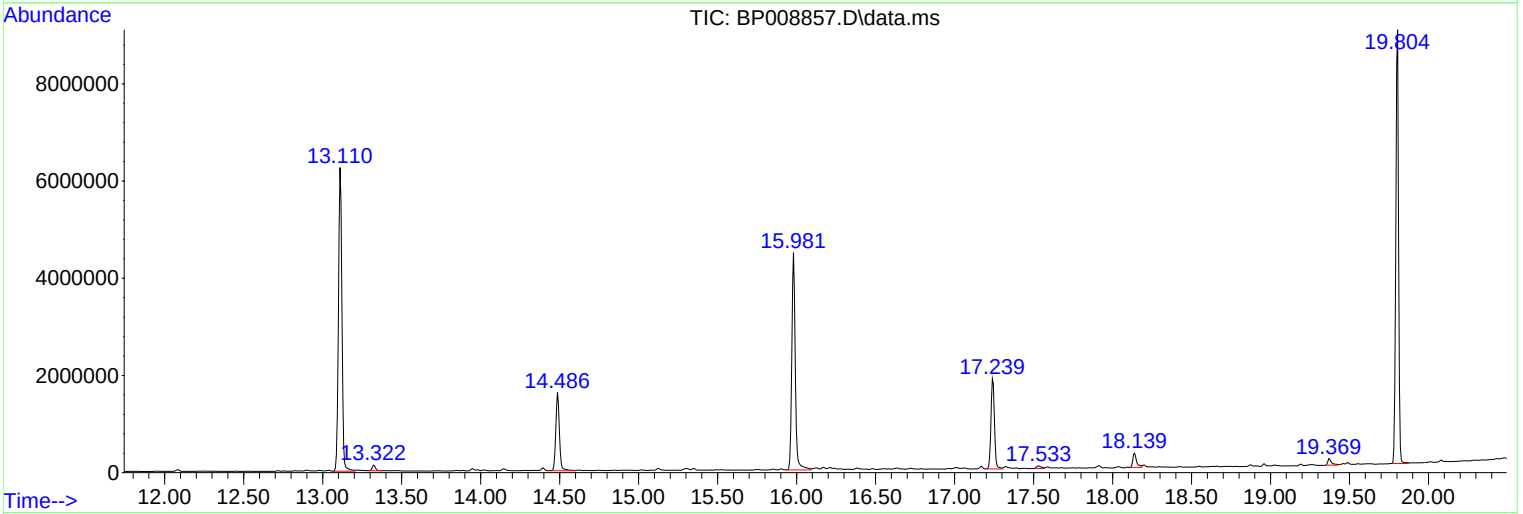
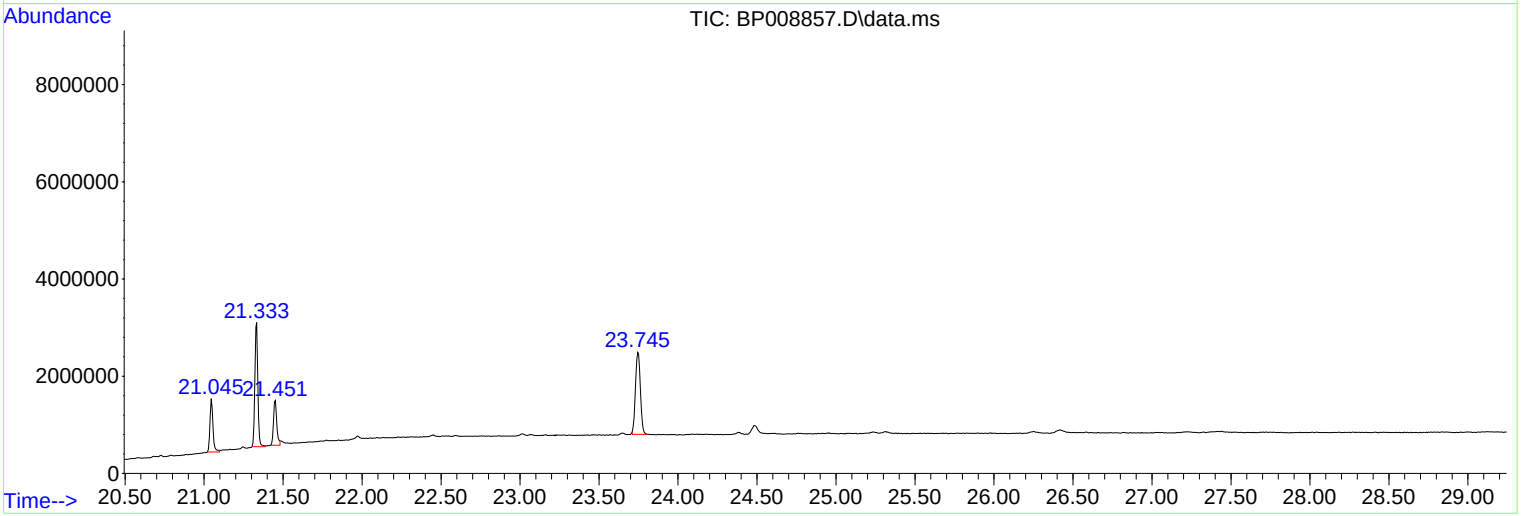
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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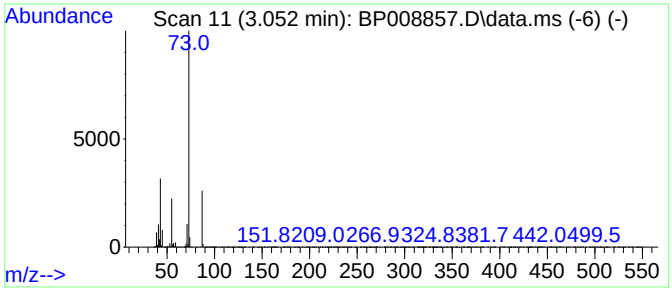
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

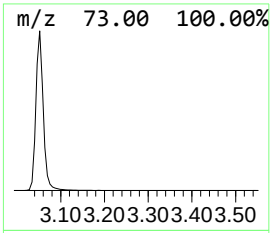
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

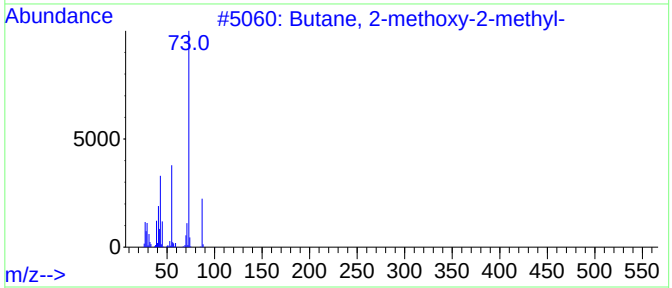
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

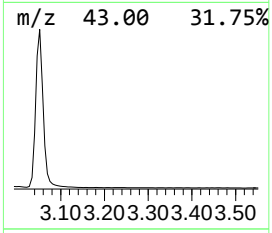
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.052	73.34 ng	5273570	1,4-Dichlorobenzene-d4	7.846

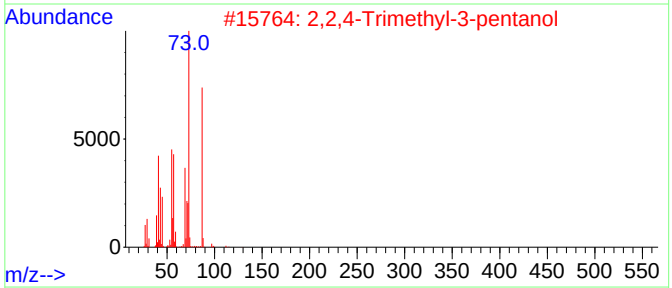
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9

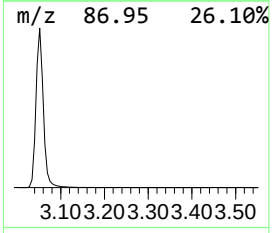


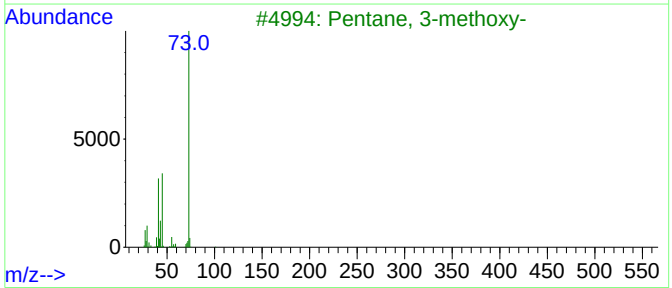


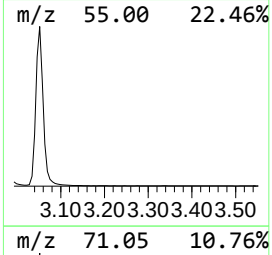


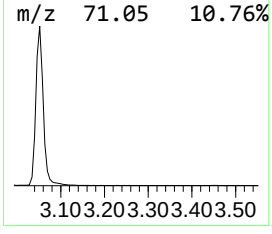












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Instrument :
BNA_P
ClientSampleId :
20220031-KEANSBURG-2-MODIFIED-ELUTRIATE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

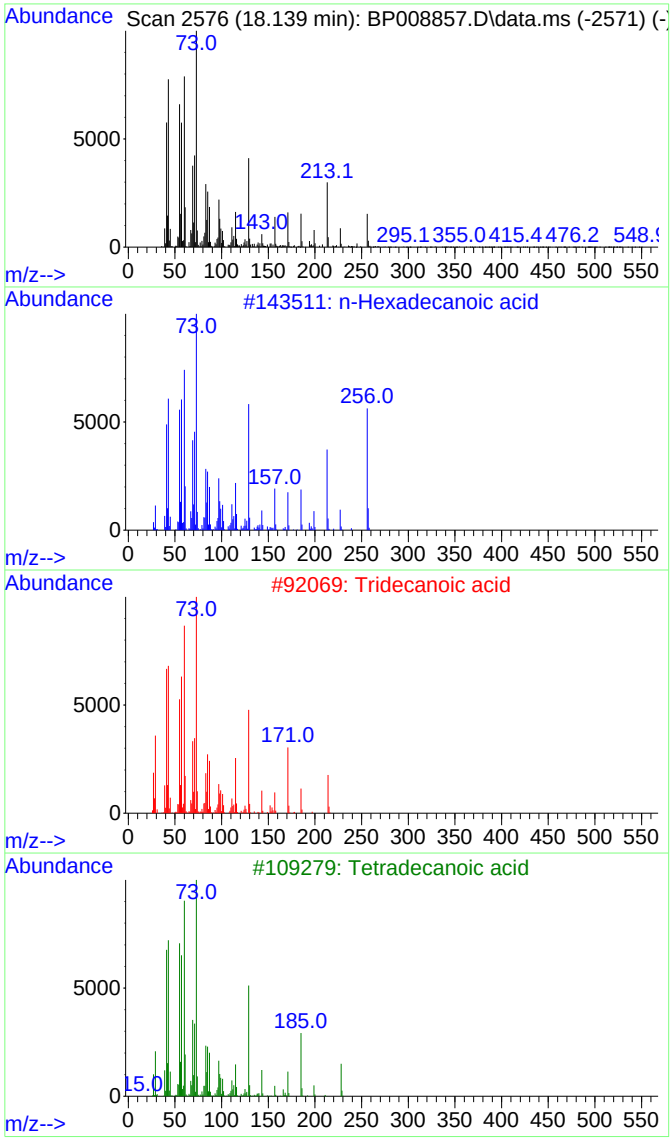
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

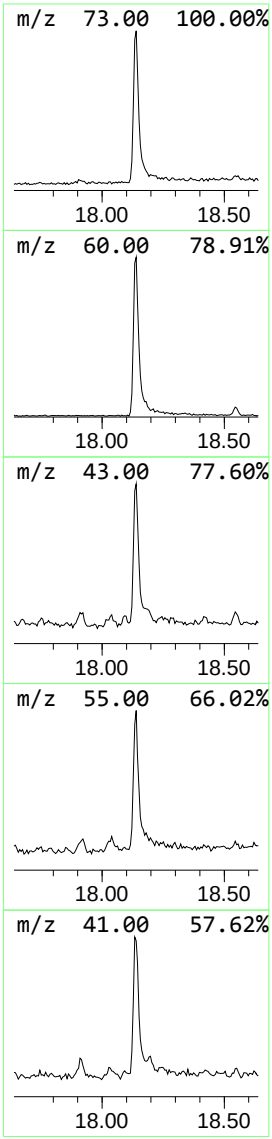
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	3.42 ng	486504	Phenanthrene-d10	17.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	83
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72





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BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
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TIC Library : C:\Database\NIST20.L
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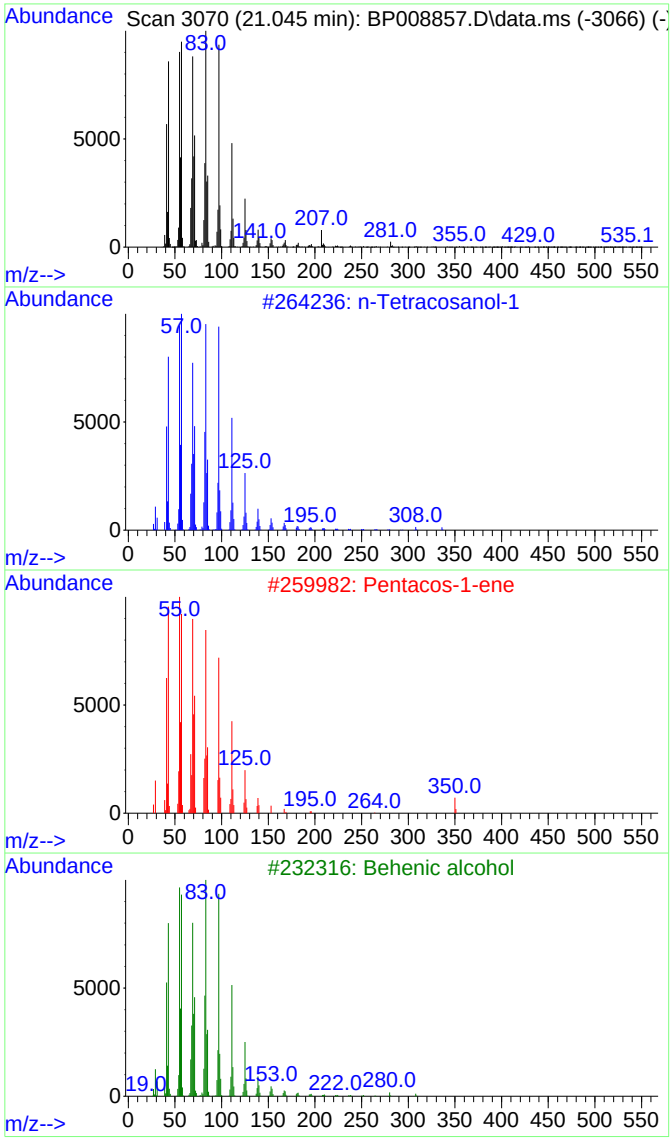
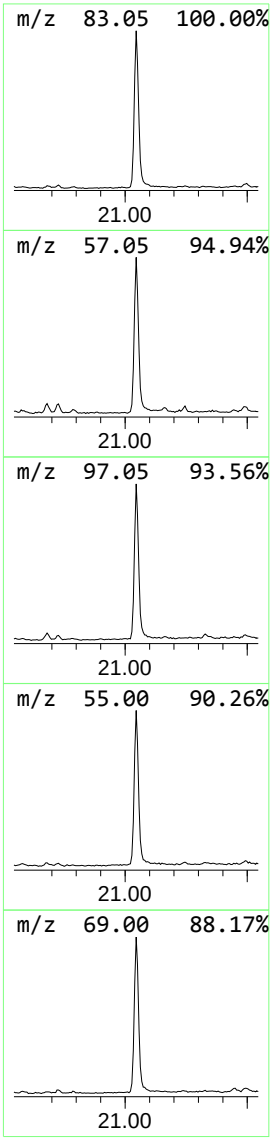
****

Peak Number 3 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.045	8.50 ng	1425370	Chrysene-d12	21.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	Pentacos-1-ene	350	C25H50	016980-85-1	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	94





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Sample : N1154-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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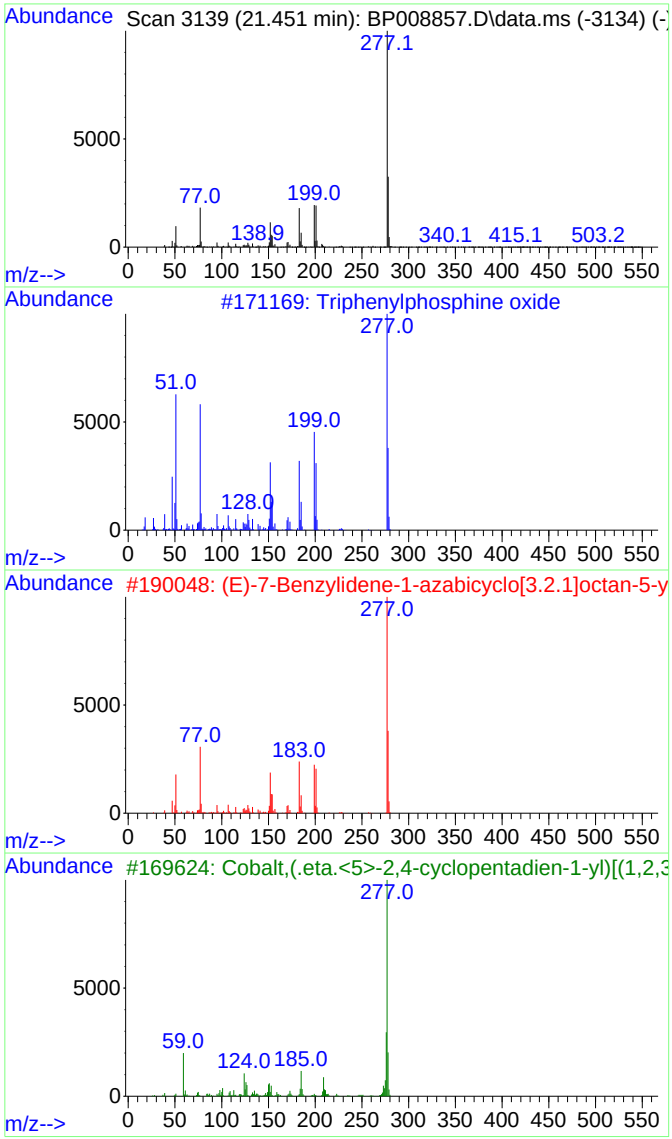
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

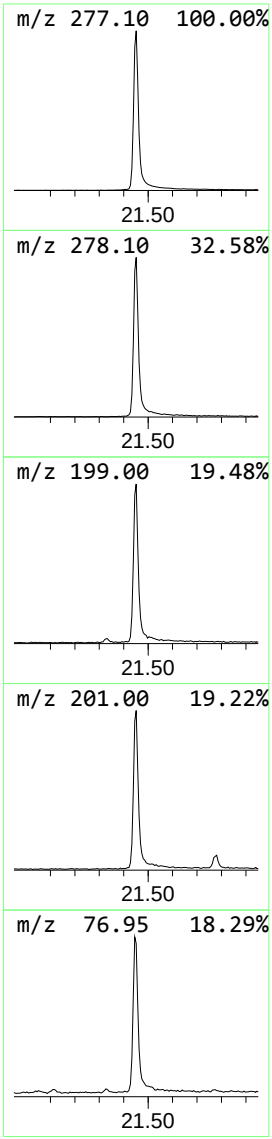
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Triphenylphosphine oxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.451	7.95 ng	1332460	Chrysene-d12	21.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	93
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	47
4	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	45
5	2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	37





Tentatively Identified Compound (LSC) summary

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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...	3.052	73.3	ng	5273570	1	7.846	1438120	20.0
n-Hexadecanoic ...	18.139	3.4	ng	486504	4	17.239	2846990	20.0
n-Tetracosanol-1	21.045	8.5	ng	1425370	5	21.333	3352600	20.0
Triphenylphosph...	21.451	8.0	ng	1332460	5	21.333	3352600	20.0