LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011922\
Data File : BP008856.D
Acq On : 19 Jan 2022 16:29
Operator : CG/JU
Sample : N1154-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20220032-KEANSBURG-3-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: BP008856.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	34	rVB	5690734	6768700	50.20%	9.325%
2	5.428	409	415	433	rBV	2162364	3399948	25.21%	4.684%
3	7.022	678	686	709	rBV	1299906	2356803	17.48%	3.247%
4	7.846	818	826	835	rBV	908985	1478771	10.97%	2.037%
5	9.005	1015	1023	1045	rBV	2862281	4898280	36.33%	6.748%
6	10.646	1294	1302	1319	rBV	1132311	2021282	14.99%	2.785%
7	13.110	1713	1721	1745	rBV	8361940	12711638	94.27%	17.512%
8	14.487	1948	1955	1974	rBV	1722654	2740722	20.33%	3.776%
9	15.981	2202	2209	2231	rBV	6008584	9430502	69.94%	12.992%
10	17.239	2417	2423	2434	rBV	2039254	3051130	22.63%	4.203%
11	18.139	2571	2576	2584	rBV	208835	359381	2.67%	0.495%
12	19.375	2782	2786	2793	rBV	88061	154023	1.14%	0.212%
13	19.804	2853	2859	2873	rBV	11047413	13483883	100.00%	18.576%
14	21.045	3066	3070	3079	rBV	755583	1085277	8.05%	1.495%
15	21.333	3114	3119	3127	rBV	2667146	3399292	25.21%	4.683%
16	21.451	3135	3139	3150	rBV	947534	1365885	10.13%	1.882%
17	23.751	3523	3530	3541	rVB2	1831116	3883322	28.80%	5.350%

Sum of corrected areas: 72588839

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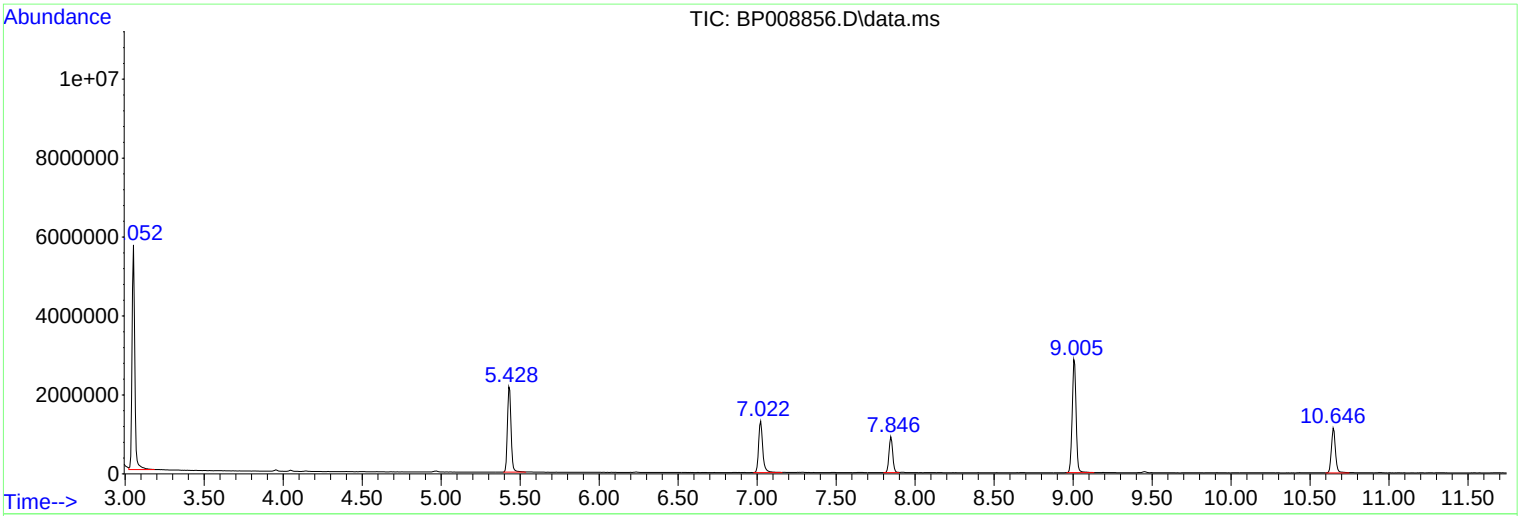
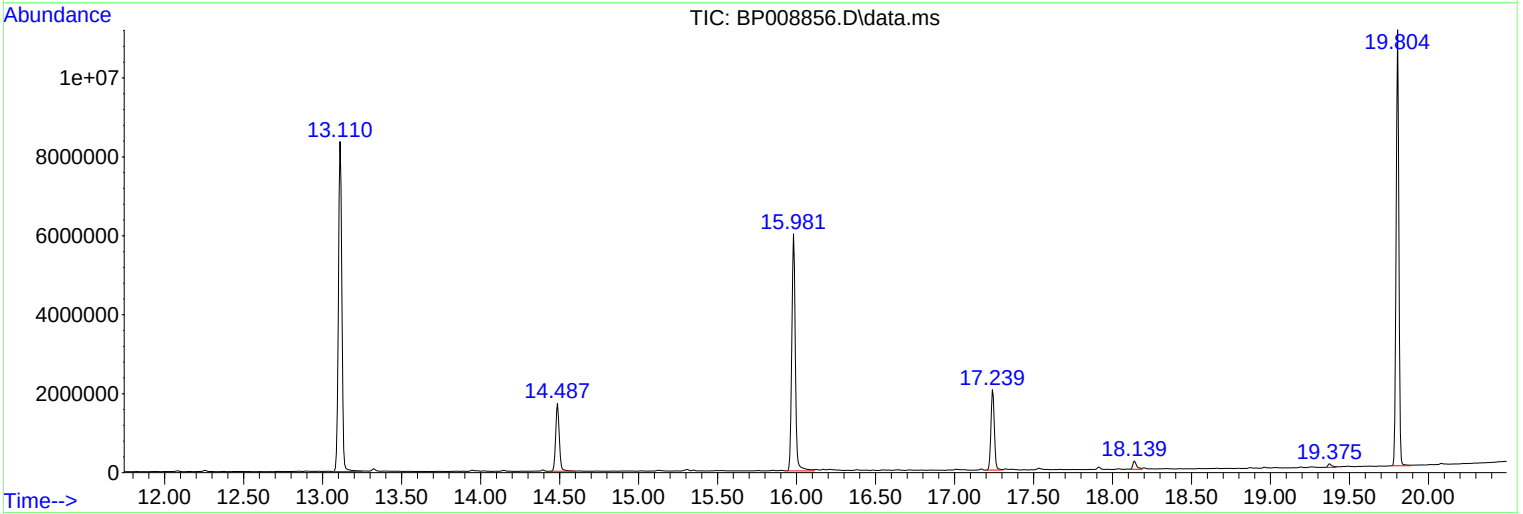
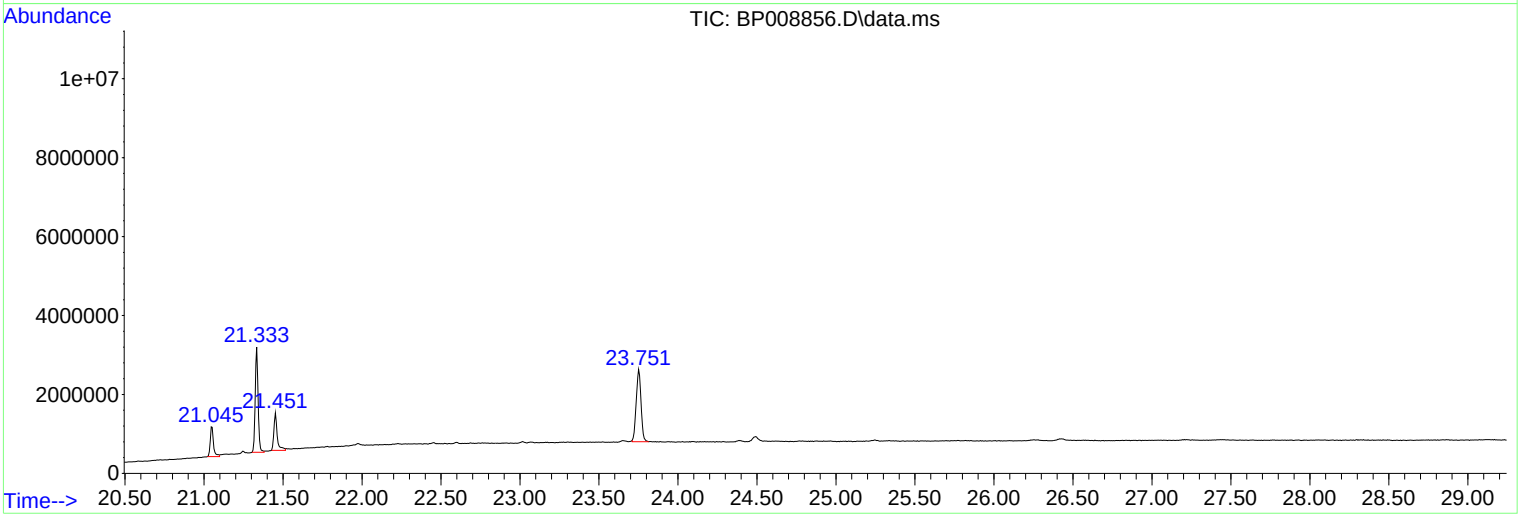
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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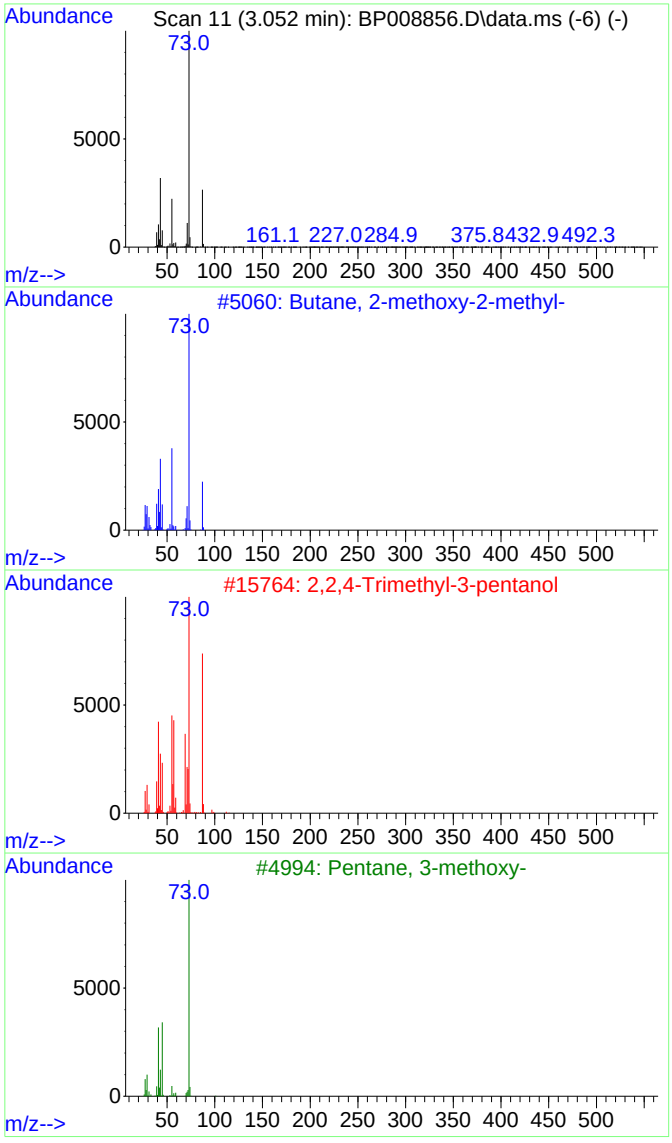
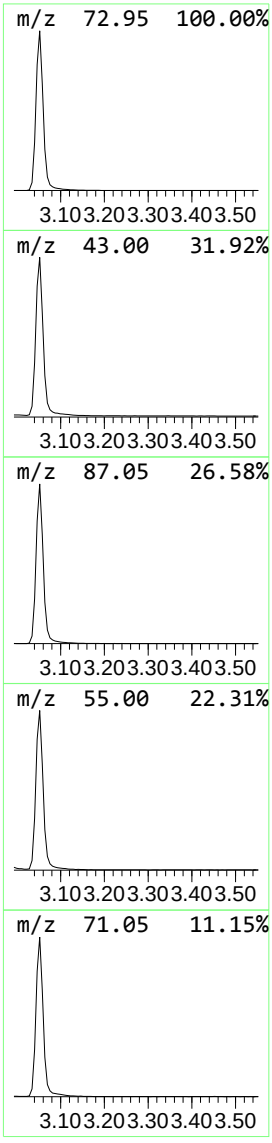
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.052	91.54 ng	6768700	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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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

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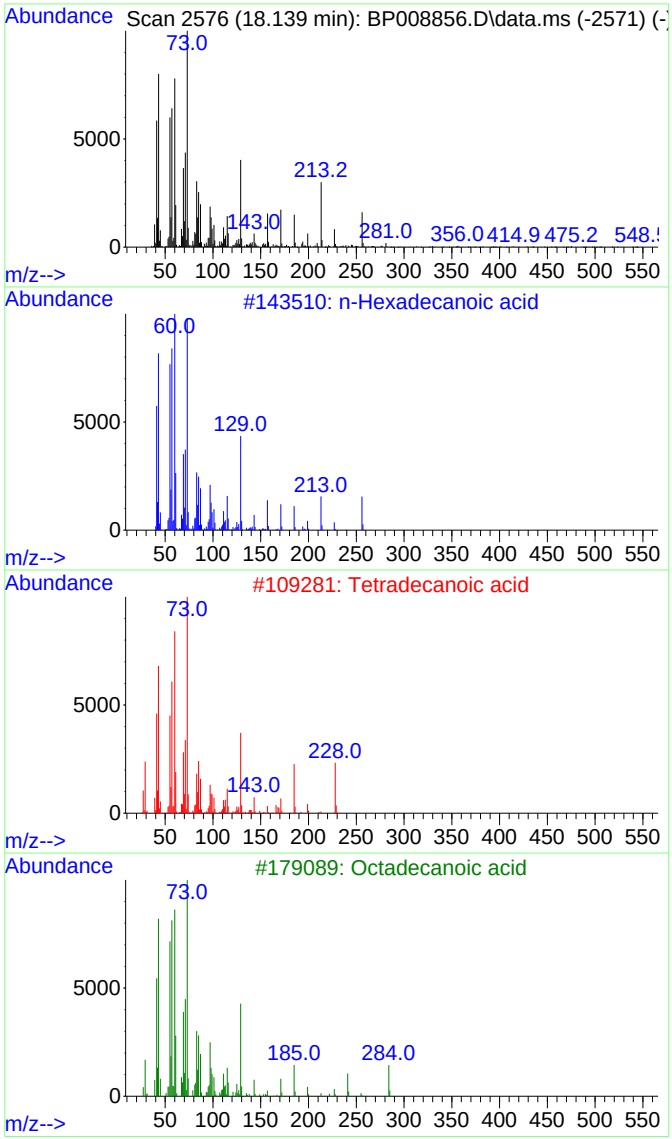
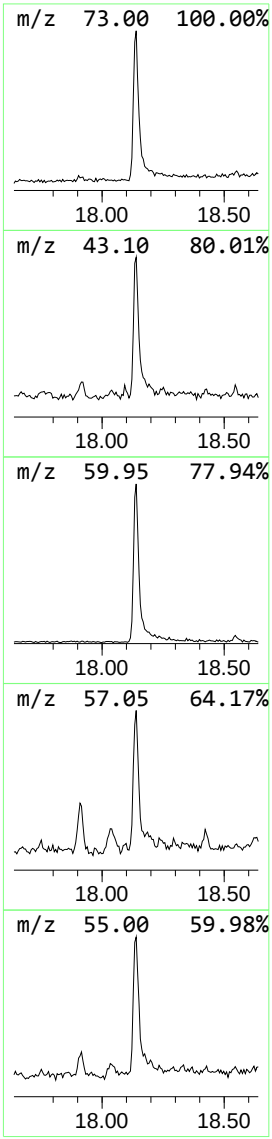
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	2.36 ng	359381	Phenanthrene-d10	17.240

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Operator : CG/JU
Sample : N1154-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
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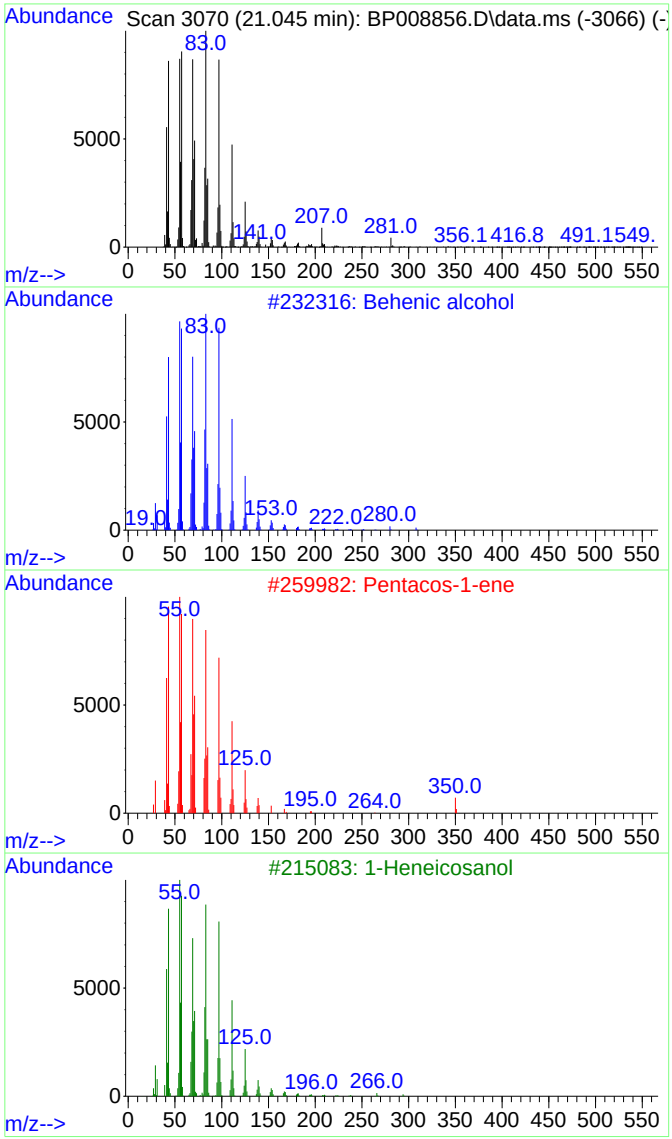
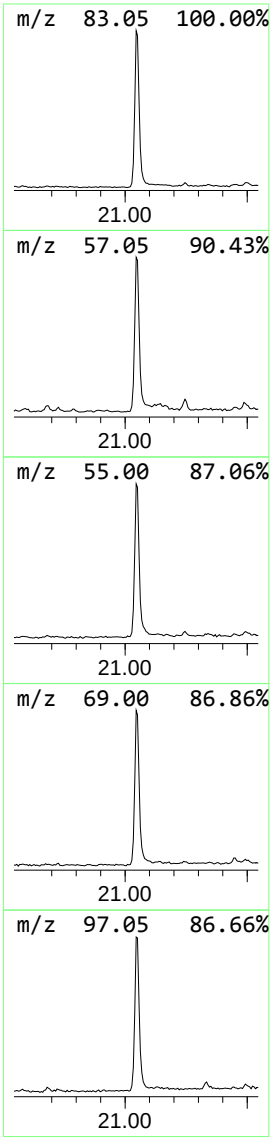
****

Peak Number 3 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.045	6.39 ng	1085280	Chrysene-d12	21.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	Pentacos-1-ene	350	C25H50	016980-85-1	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	Cyclopentadecane	210	C15H30	000295-48-7	93





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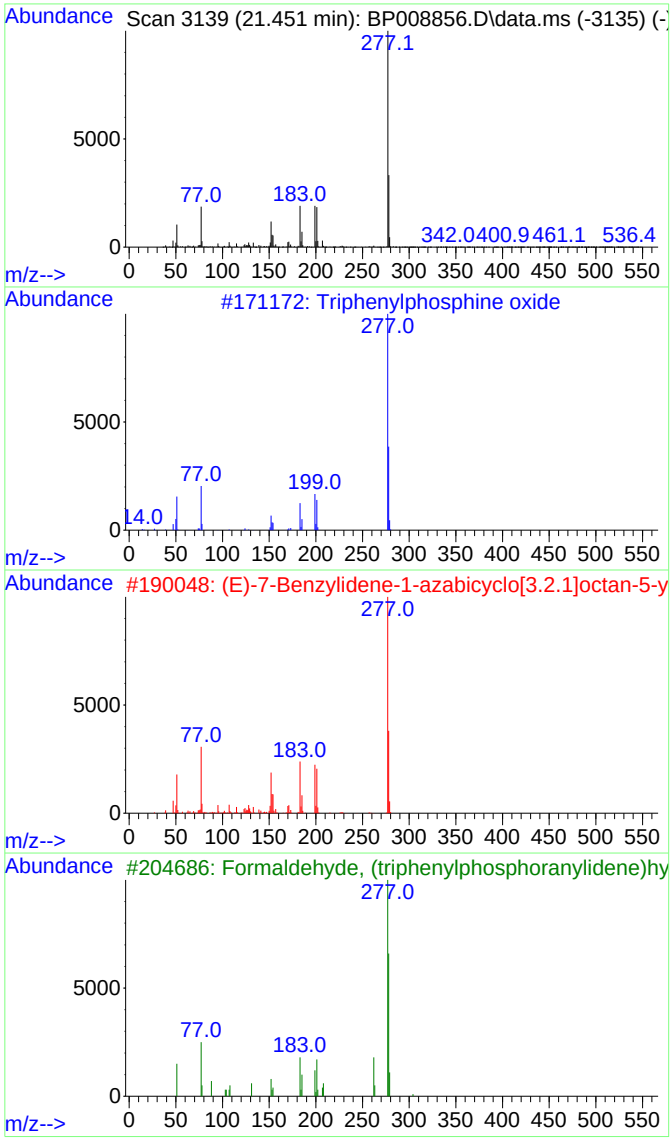
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

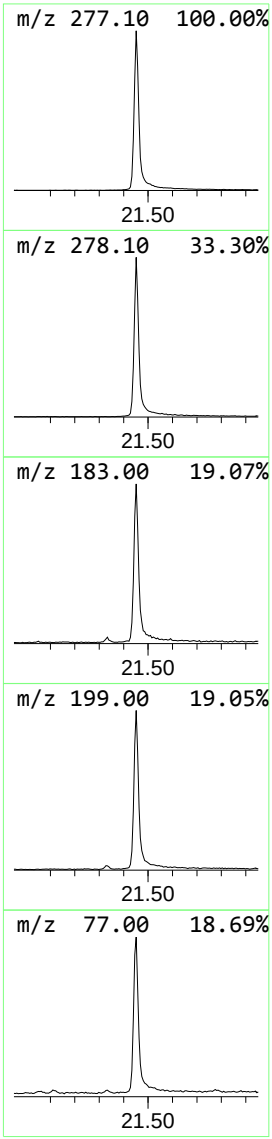
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Triphenylphosphine oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.451	8.04 ng	1365890	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	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	37
4	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	33
5	3-(3,4-Dichlorophenyl)-2-thioxo-...	277	C9H5Cl2NOS2	017046-34-3	32





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.052	91.5	ng	6768700	1	7.846	1478770	20.0
n-Hexadecanoic ...	18.139	2.4	ng	359381	4	17.240	3051130	20.0
Behenic alcohol	21.045	6.4	ng	1085280	5	21.333	3399290	20.0
Triphenylphosph...	21.451	8.0	ng	1365890	5	21.333	3399290	20.0