LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080223\
Data File : BP016478.D
Acq On : 02 Aug 2023 20:27
Operator : MA/JU
Sample : 03598-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RB-54-(2-5)

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-BP072723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP016478.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.140	306	315	320	rBV	243306	349342	2.19%	0.386%
2	5.587	384	391	405	rBV	5115102	7400793	46.38%	8.172%
3	7.210	658	667	683	rBV	5089851	8034793	50.35%	8.872%
4	8.075	806	814	827	rVB	1871592	2930621	18.37%	3.236%
5	9.269	1008	1017	1031	rBV	3160526	5101527	31.97%	5.633%
6	10.910	1287	1296	1304	rBV	2546496	4267026	26.74%	4.712%
7	13.345	1703	1710	1724	rBV	8212064	12122970	75.97%	13.387%
8	14.722	1934	1944	1955	rBV	3927982	5613133	35.18%	6.198%
9	16.216	2189	2198	2215	rBV	5973710	8550419	53.58%	9.442%
10	17.486	2408	2414	2420	rBV	4541926	6682284	41.88%	7.379%
11	18.327	2552	2557	2565	rBV	372353	624067	3.91%	0.689%
12	19.486	2750	2754	2759	rVB	147628	192779	1.21%	0.213%
13	19.563	2763	2767	2776	rBV	188752	288324	1.81%	0.318%
14	19.845	2811	2815	2821	rVB	154255	199732	1.25%	0.221%
15	20.033	2841	2847	2856	rBV	13299853	15957546	100.00%	17.621%
16	21.245	3049	3053	3060	rBV	562350	828186	5.19%	0.915%
17	21.580	3105	3110	3116	rBV	4134122	5817766	36.46%	6.424%
18	23.004	3348	3352	3359	rVB	402312	602588	3.78%	0.665%
19	24.180	3544	3552	3562	rBV	2306374	4996755	31.31%	5.518%

Sum of corrected areas: 90560651

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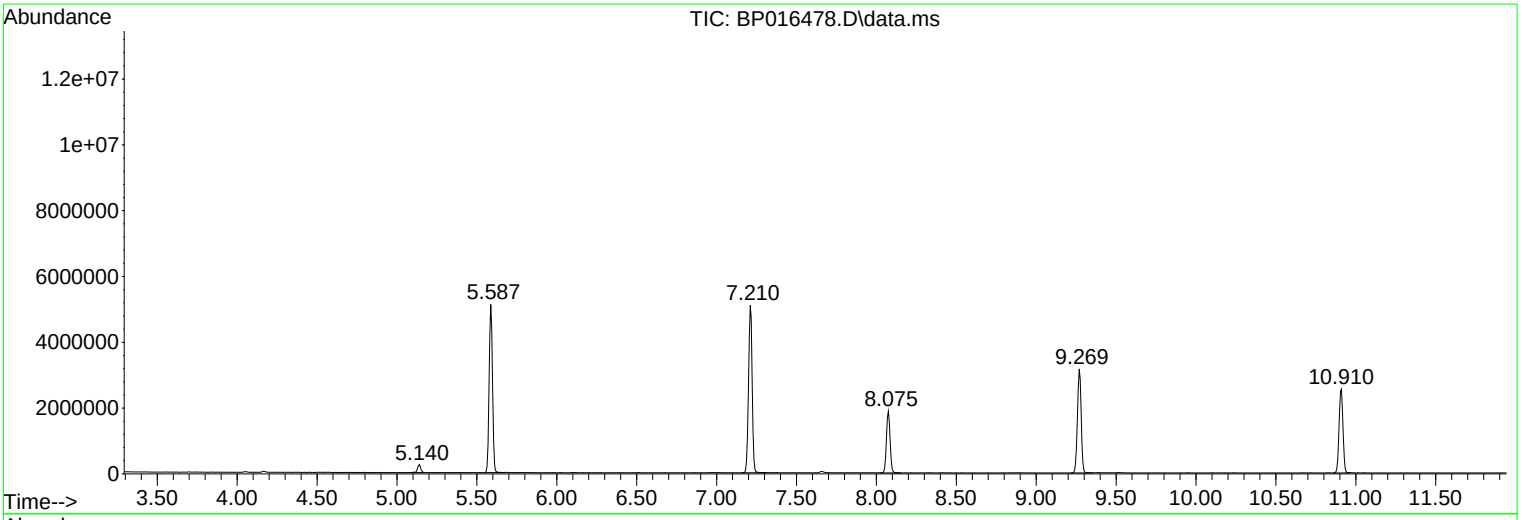
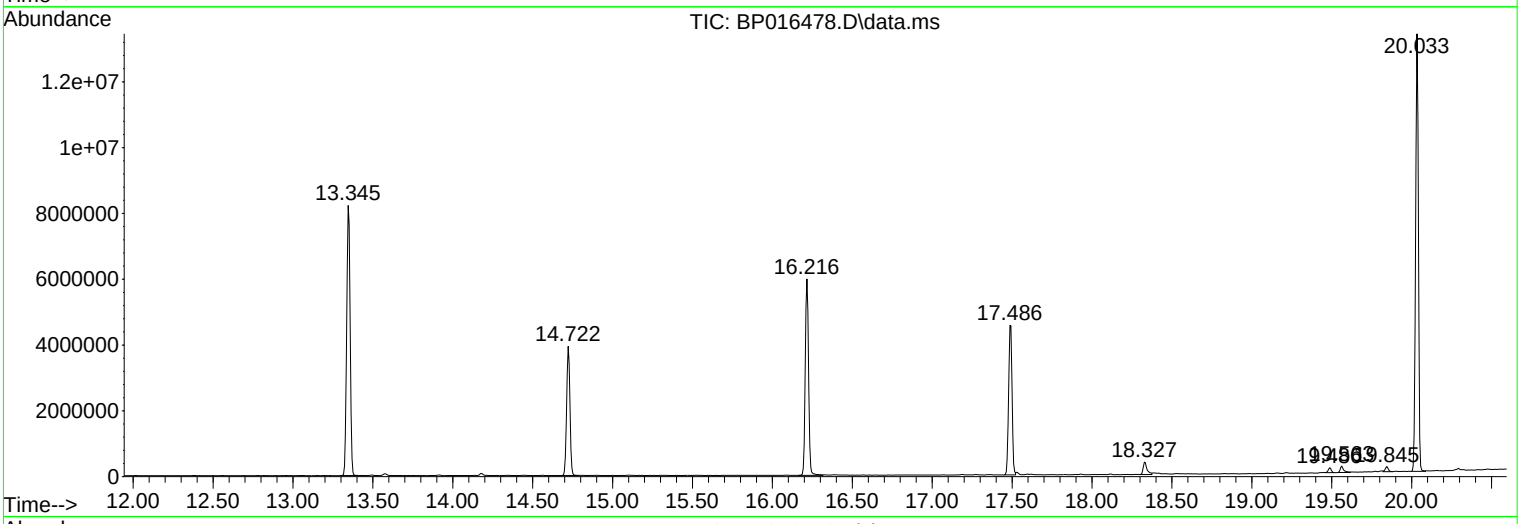
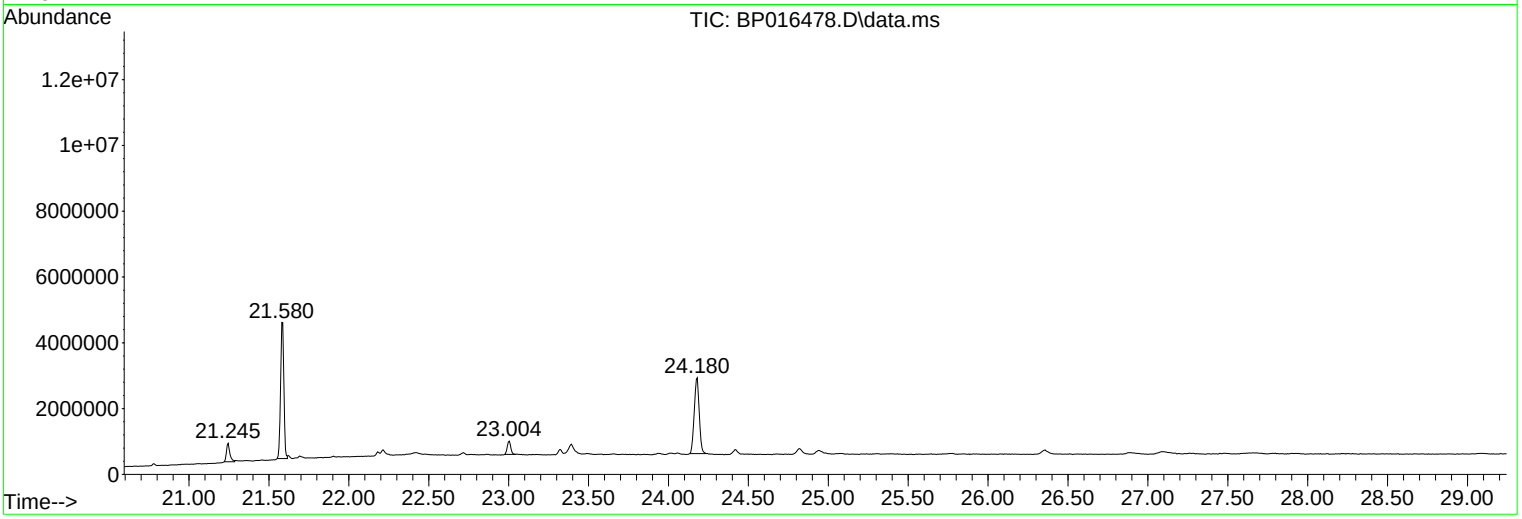
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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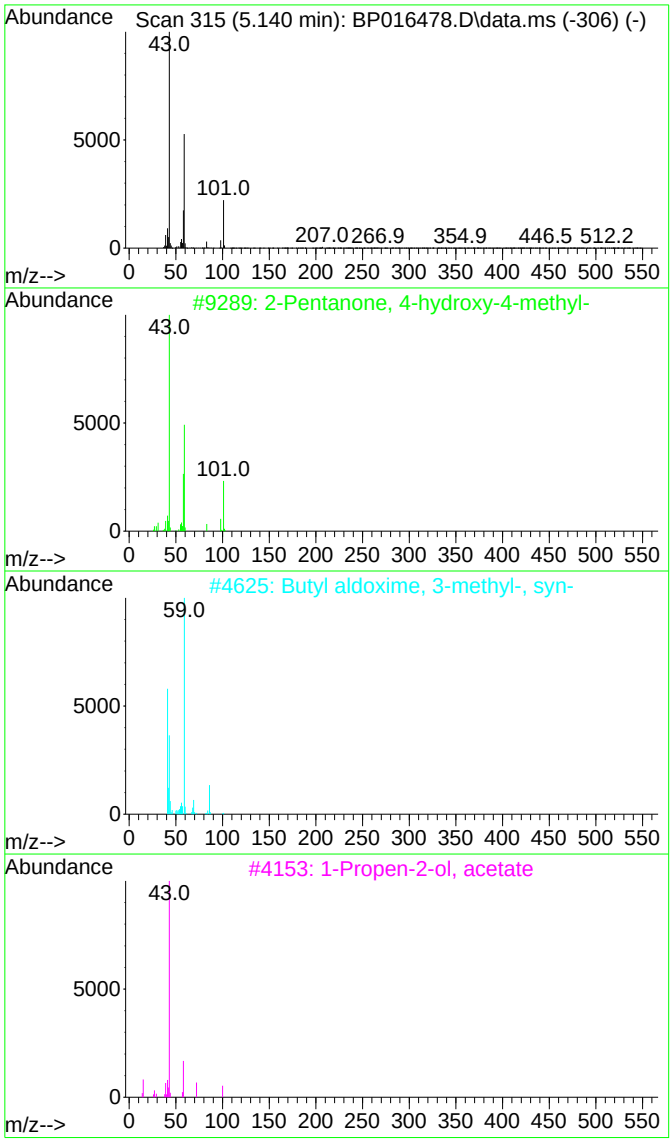
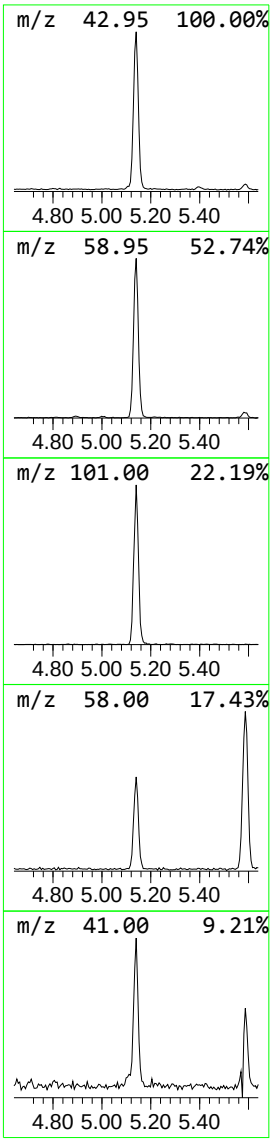
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.140	2.38 ng	349342	1,4-Dichlorobenzene-d4	8.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Acetone	58	C3H6O	000067-64-1	10
5	Acetamide, N-(aminocarbonyl)-	102	C3H6N2O2	000591-07-1	9





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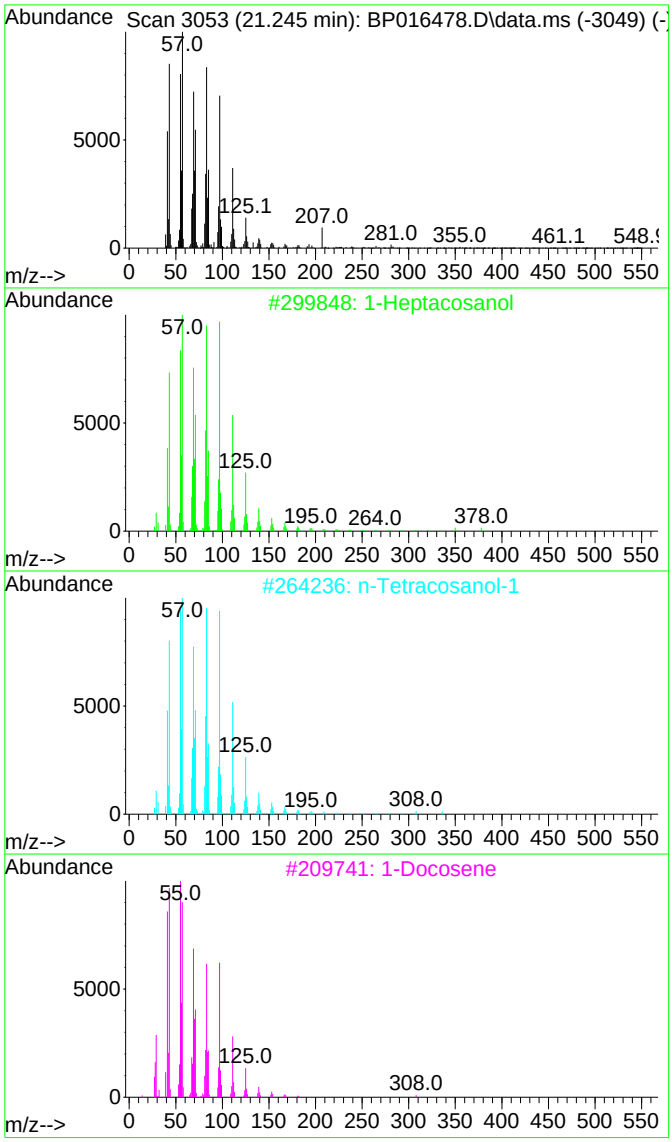
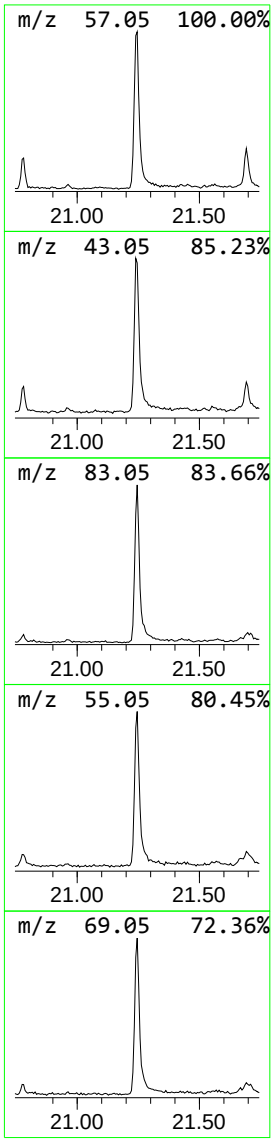
Peak Number 2 1-Heptacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.245	2.85 ng	828186	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	1-Docosene	308	C22H44	001599-67-3	91
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
5	Octacosanol	410	C28H58O	000557-61-9	91





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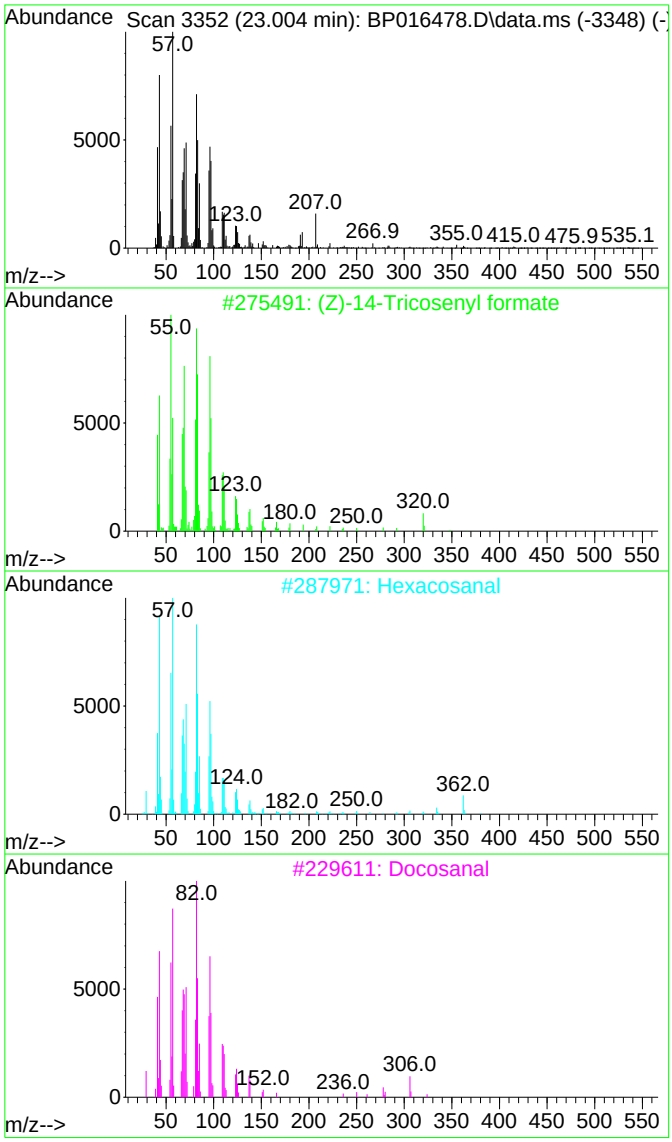
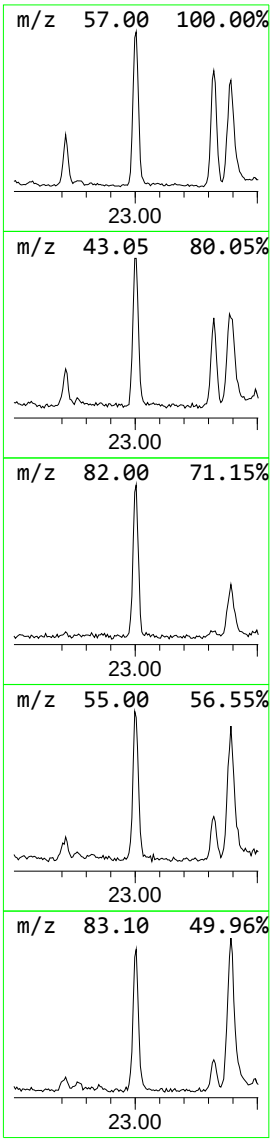
Peak Number 3 (Z)-14-Tricosenyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.004	2.41 ng	602588	Perylene-d12	24.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	94
2	Hexacosanal	380	C26H52O	026627-85-0	94
3	Docosanal	324	C22H44O	057402-36-5	93
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Nonacosanal	422	C29H58O	072934-04-4	90





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.140	2.4	ng	349342	1	8.075	2930620	20.0
1-Heptacosanol	21.245	2.9	ng	828186	5	21.586	5817770	20.0
(Z)-14-Tricosen...	23.004	2.4	ng	602588	6	24.180	4996760	20.0