LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031022\
Data File : BP009344.D
Acq On : 10 Mar 2022 15:01
Operator : CG/JU
Sample : N1864-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MB-B2-030922-2-4

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: BP009344.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	28	rVB	920913	1282552	8.67%	1.540%
2	4.952	329	334	344	rVB2	118261	205697	1.39%	0.247%
3	5.416	405	413	427	rBV	5660807	9176234	62.05%	11.021%
4	6.993	672	681	698	rBV	5121666	8809775	59.58%	10.581%
5	7.816	813	821	830	rBV	1427577	2401148	16.24%	2.884%
6	8.969	1008	1017	1026	rBV	3314887	5839923	39.49%	7.014%
7	10.610	1288	1296	1305	rBV	1672186	2984865	20.19%	3.585%
8	13.081	1708	1716	1731	rBV	7195538	11754493	79.49%	14.117%
9	14.457	1942	1950	1966	rBV	1851592	3166682	21.41%	3.803%
10	15.945	2196	2203	2219	rBV	4517466	7554564	51.09%	9.073%
11	17.216	2412	2419	2431	rBV	2130896	3431435	23.21%	4.121%
12	18.122	2568	2573	2580	rBV	280145	463339	3.13%	0.556%
13	19.357	2780	2783	2791	rBV	96678	168474	1.14%	0.202%
14	19.792	2851	2857	2874	rBV	10916961	14787334	100.00%	17.760%
15	21.051	3067	3071	3081	rBV	449808	923379	6.24%	1.109%
16	21.321	3112	3117	3122	rBV	3452112	4709767	31.85%	5.656%
17	23.727	3519	3526	3536	rVB2	2546503	5604533	37.90%	6.731%

Sum of corrected areas: 83264194

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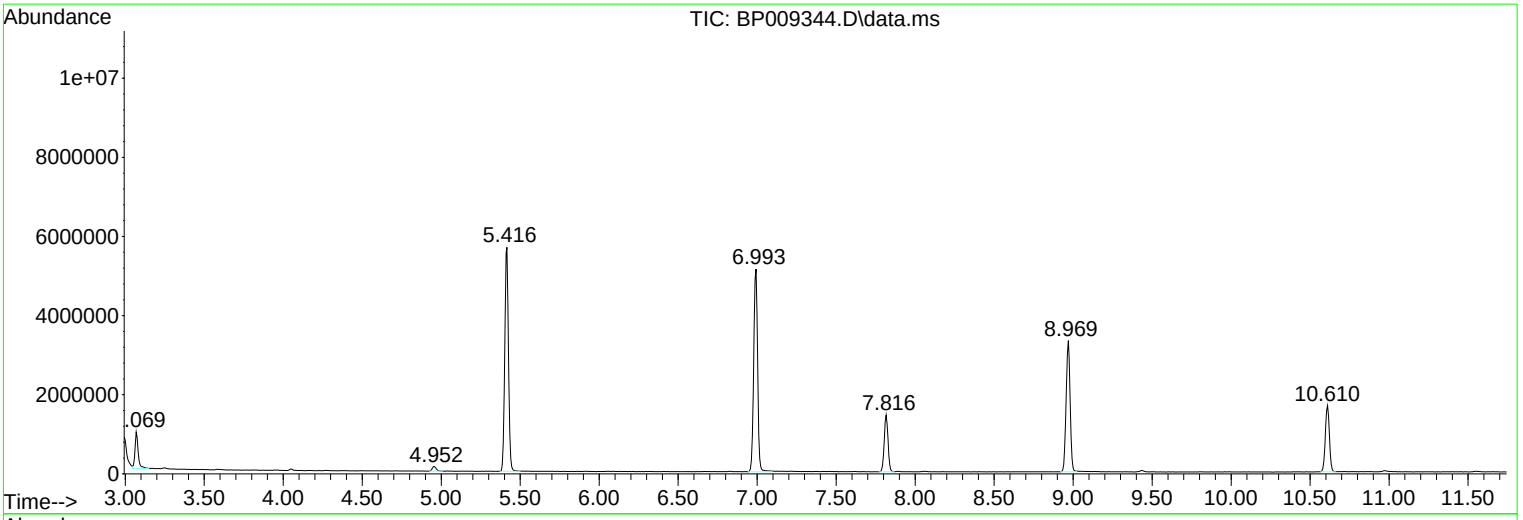
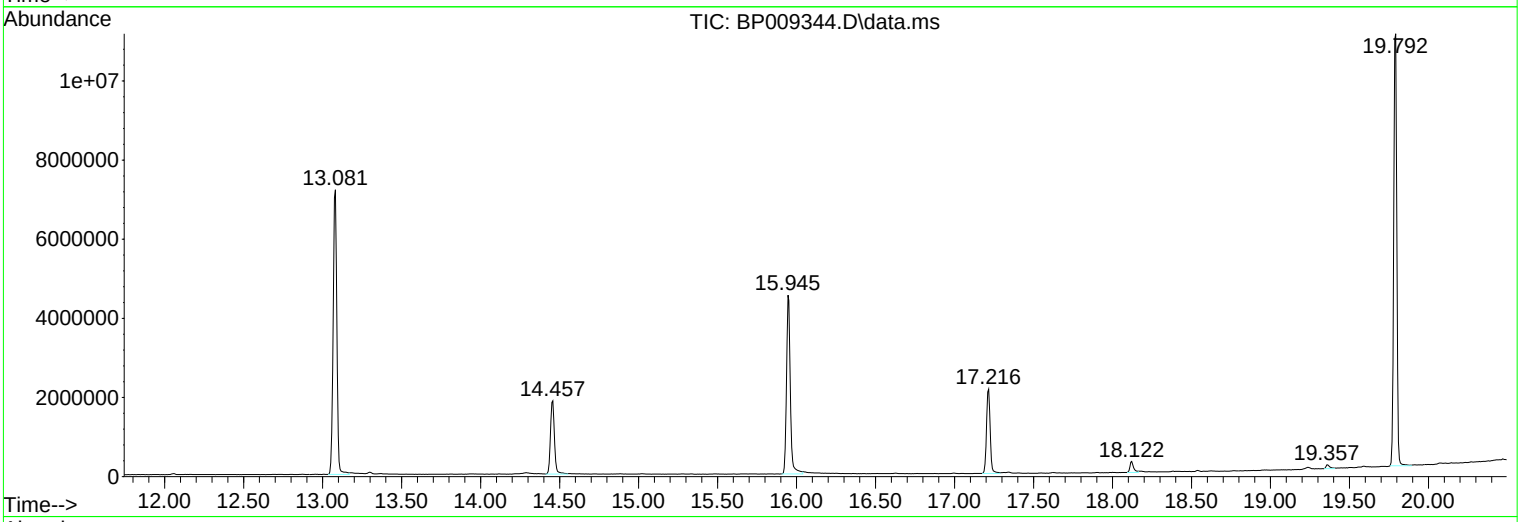
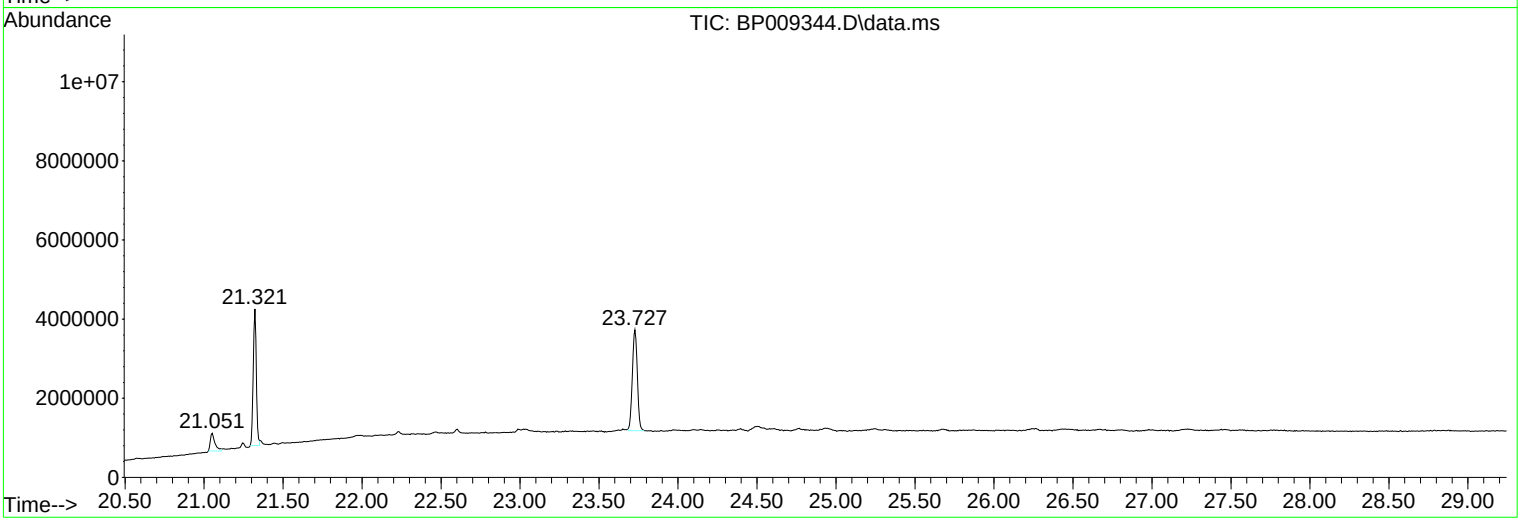
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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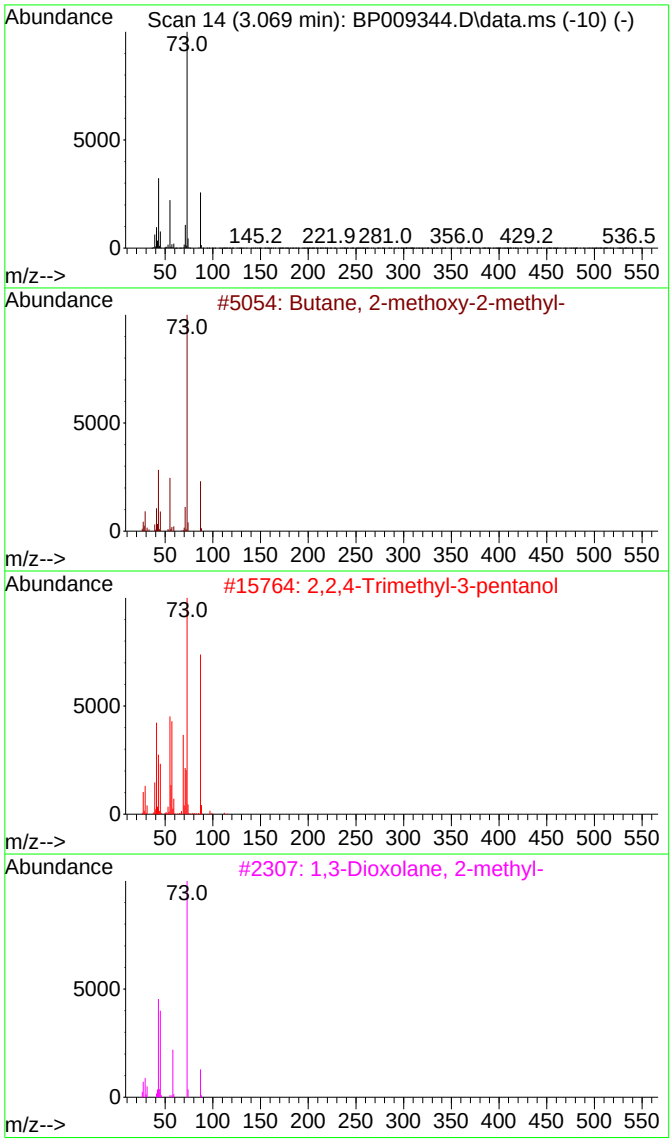
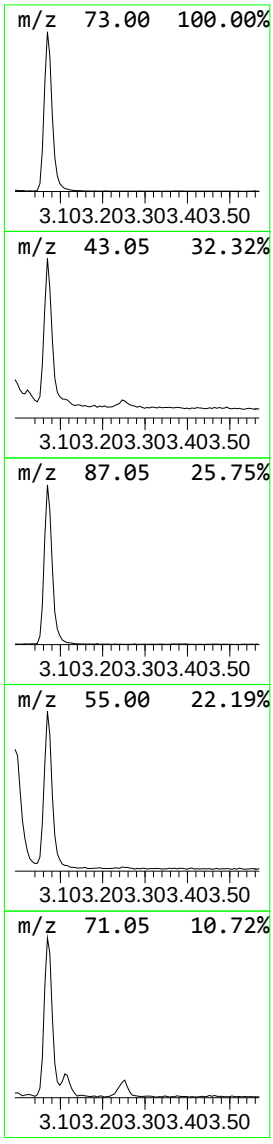
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.069	10.68 ng	1282550	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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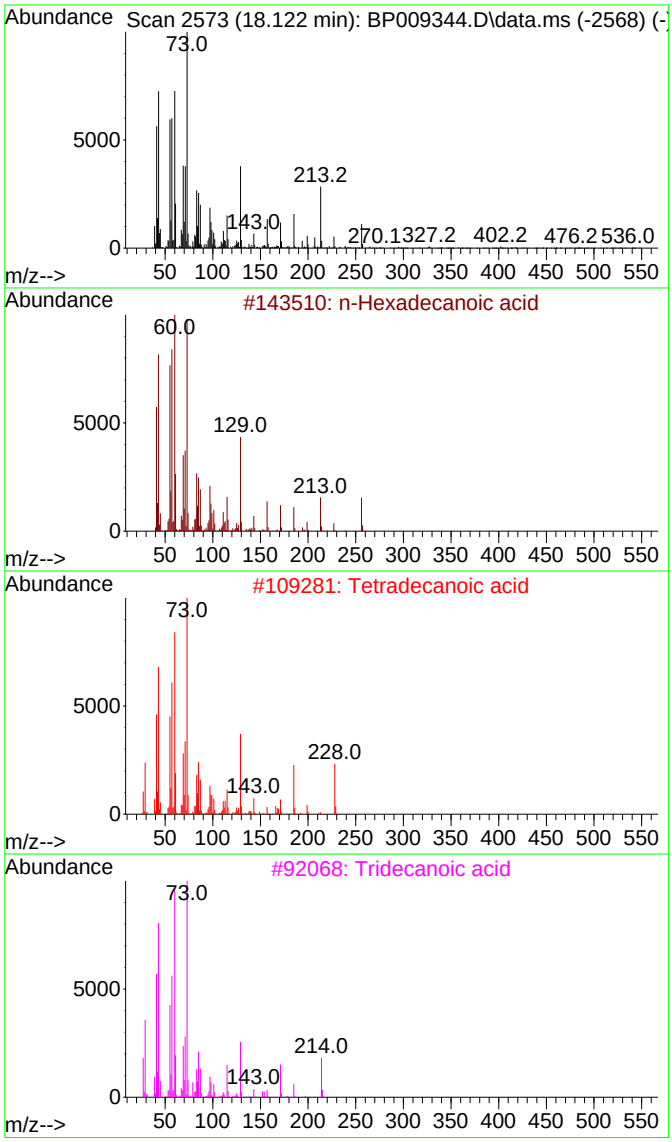
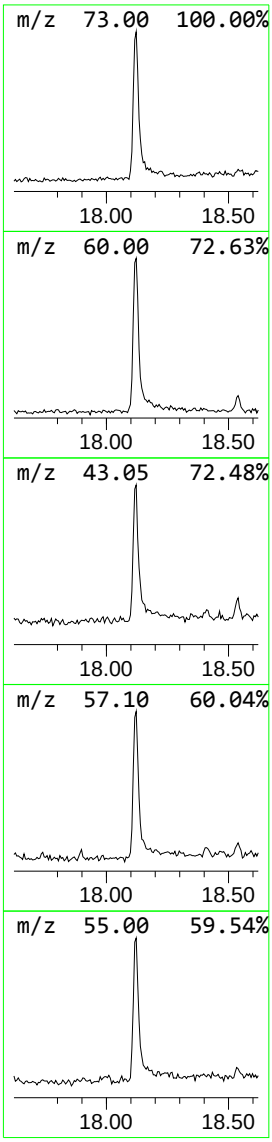
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.122	2.70 ng	463339	Phenanthrene-d10	17.216

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	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Dodecanoic acid	200	C12H24O2	000143-07-7	58
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





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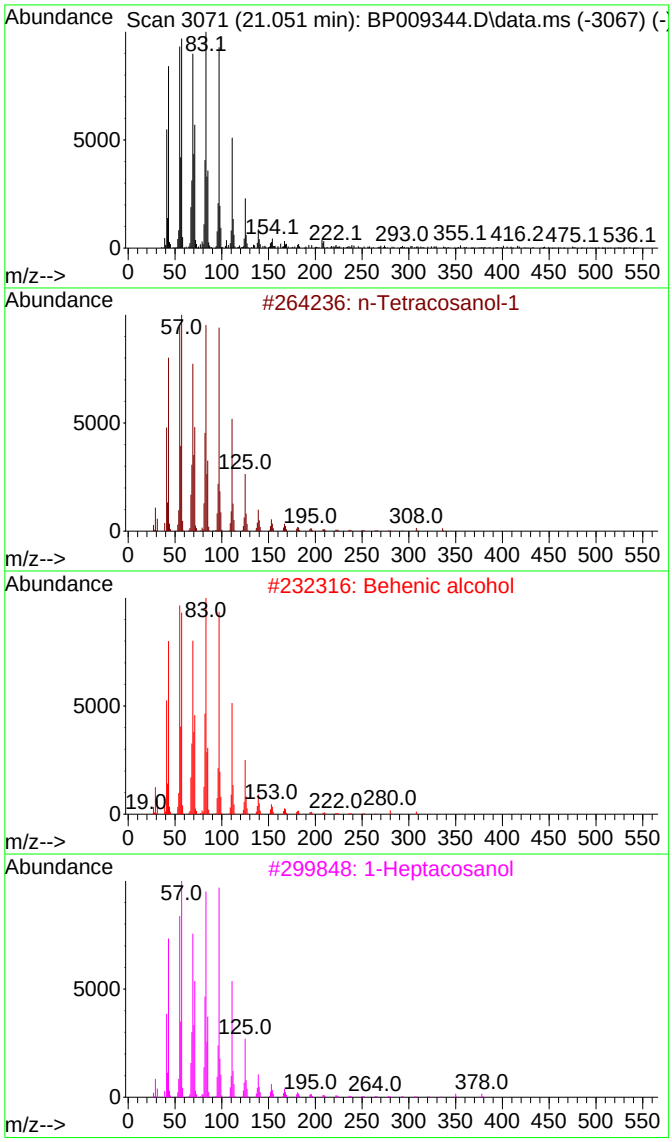
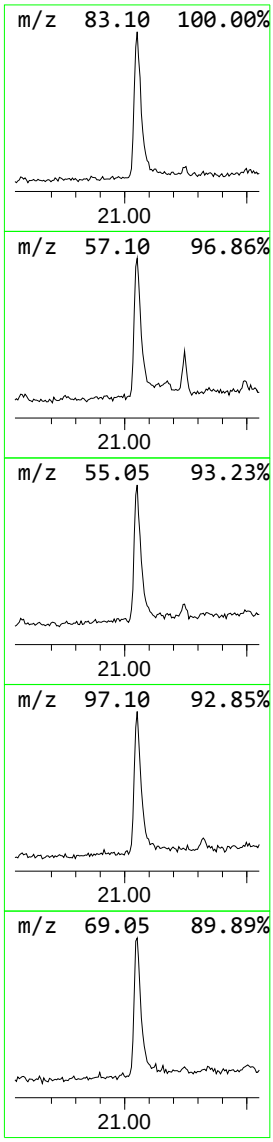
Peak Number 3 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	3.92 ng	923379	Chrysene-d12	21.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	1-Heptacosanol	396	C27H56O	002004-39-9	95
4	Octacosyl acetate	452	C30H60O2	018206-97-8	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





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...	3.069	10.7	ng	1282550	1	7.816	2401150	20.0
n-Hexadecanoic ...	18.122	2.7	ng	463339	4	17.216	3431440	20.0
n-Tetracosanol-1	21.051	3.9	ng	923379	5	21.321	4709770	20.0