LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060222\
Data File : BP010669.D
Acq On : 02 Jun 2022 13:58
Operator : CG/JU
Sample : N2953-15 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P044-SS002-0006-02

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-BP052822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP010669.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.422	222	227	237	rBV2	45754	96490	1.60%	0.278%
2	5.446	394	401	410	rBV	945047	1458365	24.24%	4.209%
3	7.034	663	671	687	rVB	926779	1544931	25.68%	4.458%
4	7.857	804	811	819	rBV	534495	850655	14.14%	2.455%
5	9.016	1001	1008	1020	rBV	560194	1041155	17.30%	3.005%
6	10.387	1231	1241	1253	rBV2	30341	106728	1.77%	0.308%
7	10.657	1280	1287	1297	rVB	681200	1150919	19.13%	3.321%
8	13.116	1697	1705	1719	rBV	1384177	2104642	34.98%	6.074%
9	14.128	1868	1877	1888	rBV4	29818	96731	1.61%	0.279%
10	14.492	1933	1939	1946	rBV	1004800	1509158	25.08%	4.355%
11	14.916	2007	2011	2018	rBV4	39993	67740	1.13%	0.195%
12	15.986	2187	2193	2203	rBV	1168539	1692946	28.14%	4.886%
13	17.251	2401	2408	2413	rBV	1175141	1775171	29.50%	5.123%
14	18.080	2545	2549	2554	rBV2	48192	80308	1.33%	0.232%
15	18.145	2554	2560	2578	rBV	2017883	3269584	54.34%	9.435%
16	18.427	2604	2608	2617	rVB6	32767	72157	1.20%	0.208%
17	19.257	2746	2749	2760	rBV2	175419	321248	5.34%	0.927%
18	19.386	2765	2771	2787	rBV	3977324	6016850	100.00%	17.363%
19	19.804	2838	2842	2849	rVB	2383532	2993967	49.76%	8.640%
20	21.051	3051	3054	3062	rVB2	190031	251353	4.18%	0.725%
21	21.245	3084	3087	3091	rVB	239420	238323	3.96%	0.688%
22	21.339	3098	3103	3107	rBV	1425595	1901481	31.60%	5.487%
23	21.451	3118	3122	3135	rBV	2927121	4222147	70.17%	12.184%
24	23.745	3507	3512	3520	rVB	914485	1789250	29.74%	5.163%

Sum of corrected areas: 34652299

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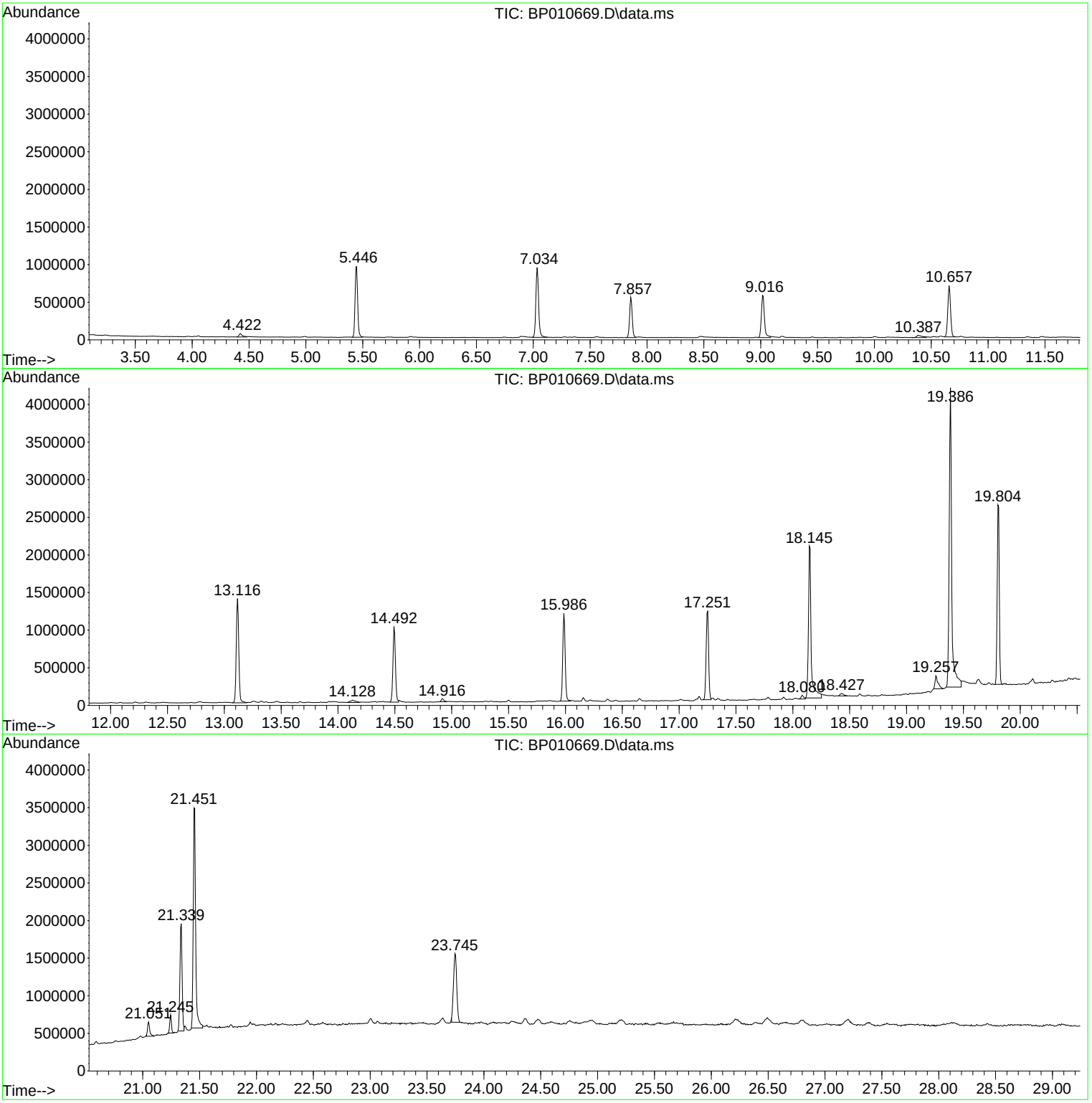
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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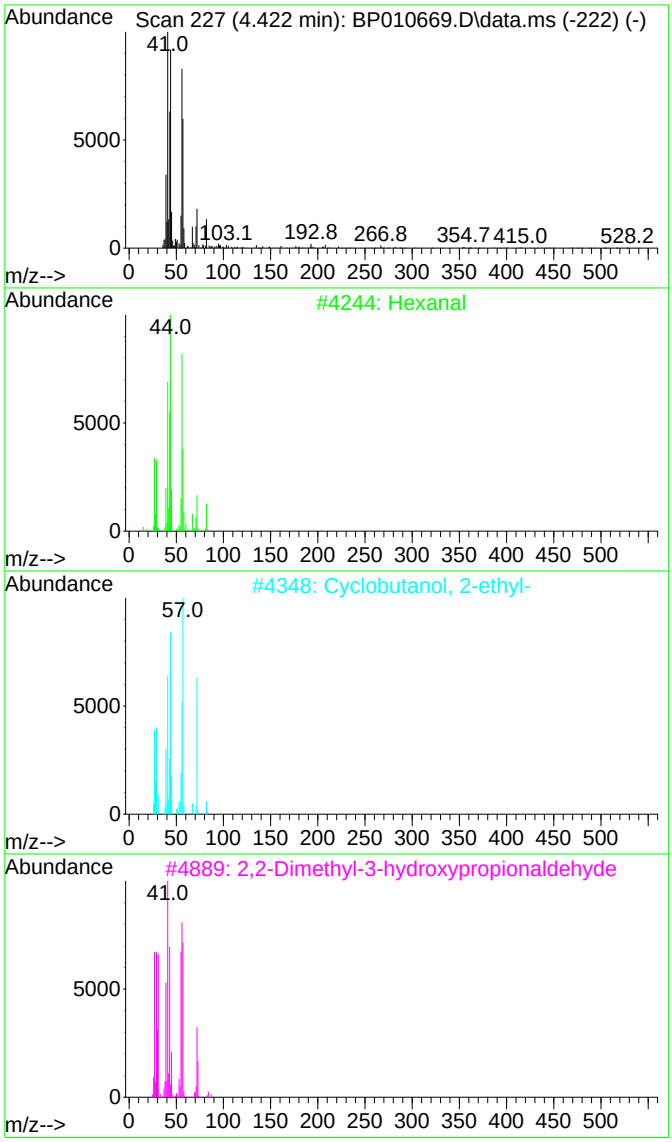
TIC Integration Parameters: LSCINT.P

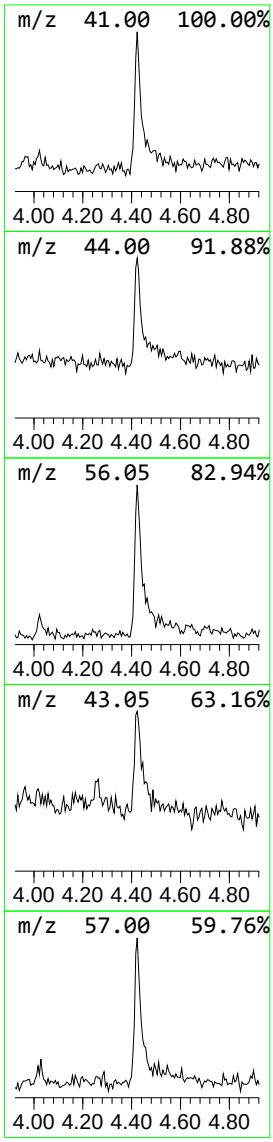
****

Peak Number 1 Hexanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.422	2.27 ng	96490	1,4-Dichlorobenzene-d4	7.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	87
2	Cyclobutanol, 2-ethyl-	100	C6H12O	035301-43-0	39
3	2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	35
4	Butanal	72	C4H8O	000123-72-8	35
5	4-Methyloxazolidine	87	C4H9NO	155799-98-7	32





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.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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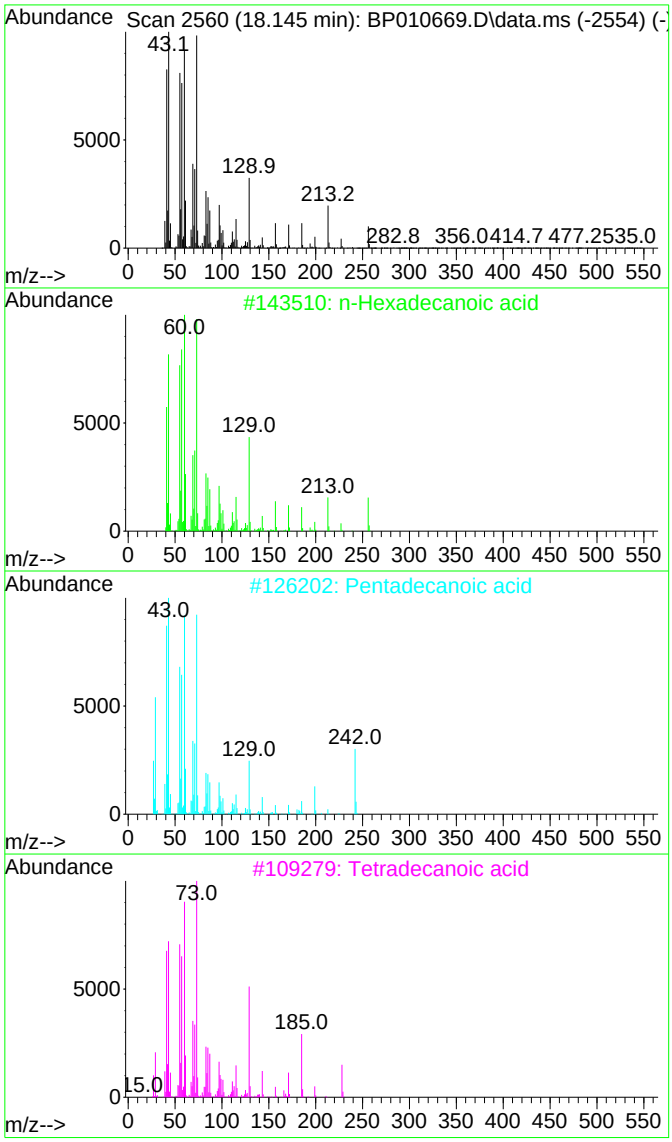
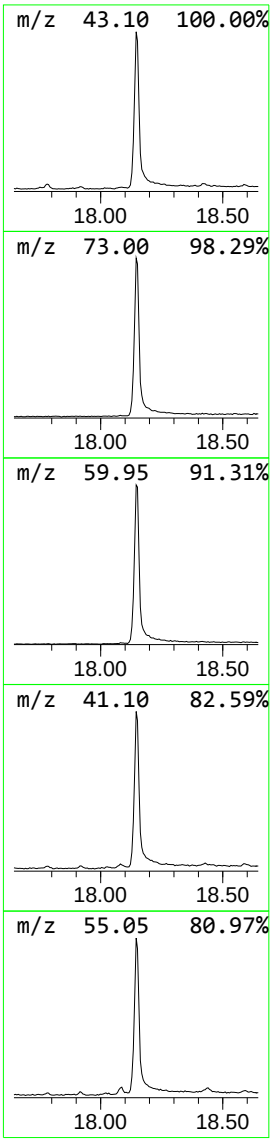
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	36.84 ng	3269580	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Undecanoic acid	186	C11H22O2	000112-37-8	50





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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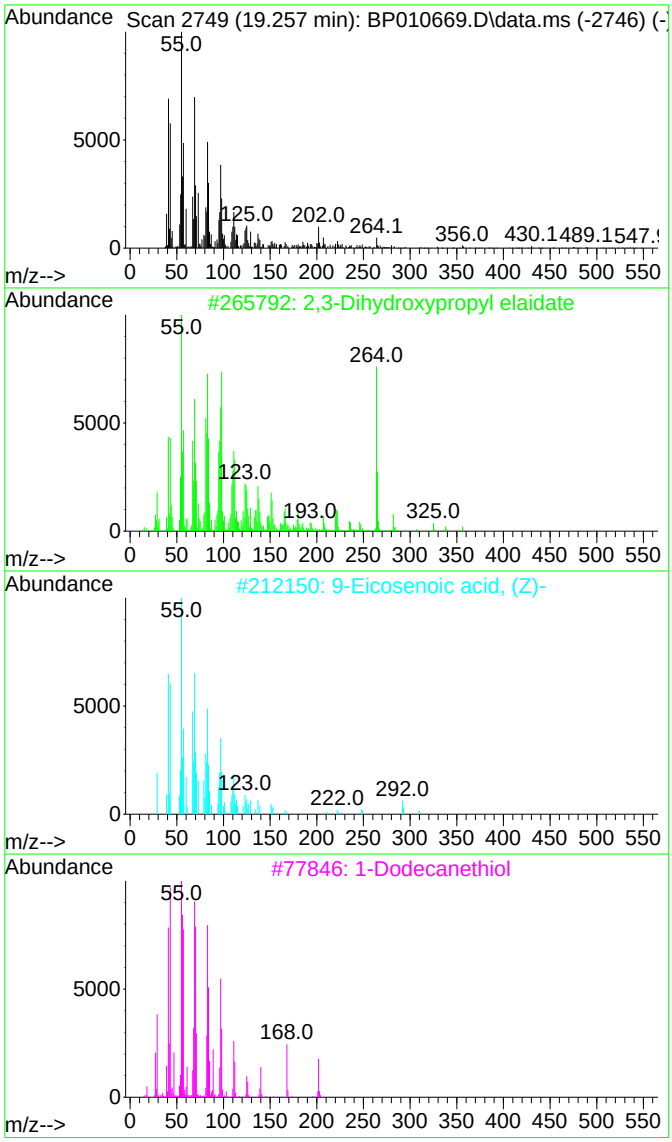
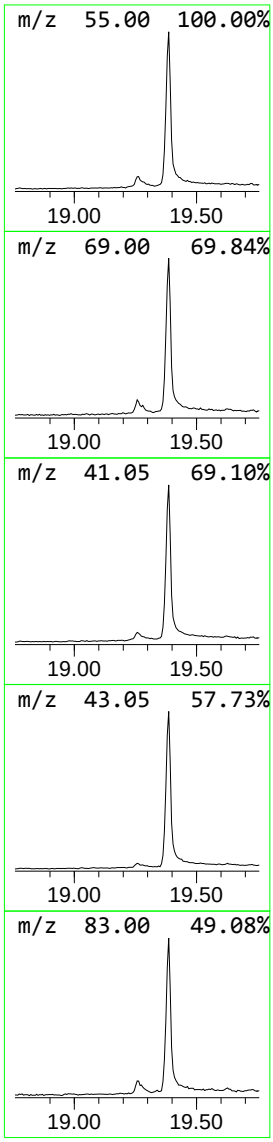
Peak Number 3 2,3-Dihydroxypropyl elaidate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.257	3.62 ng	321248	Phenanthrene-d10	17.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydroxypropyl elaidate	356	C21H40O4	002716-53-2	93
2	9-Eicosenoic acid, (Z)-	310	C20H38O2	029204-02-2	86
3	1-Dodecanethiol	202	C12H26S	000112-55-0	76
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	76
5	cis-10-Nonadecenoic acid	296	C19H36O2	073033-09-7	76





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
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TIC Library : C:\Database\NIST20.L
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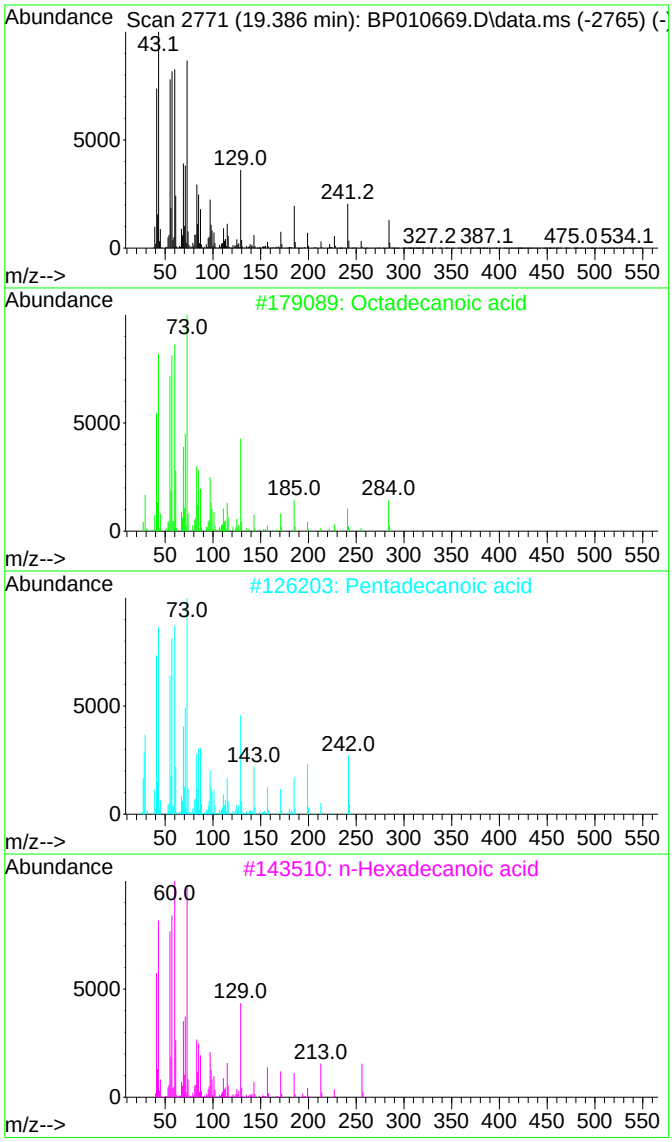
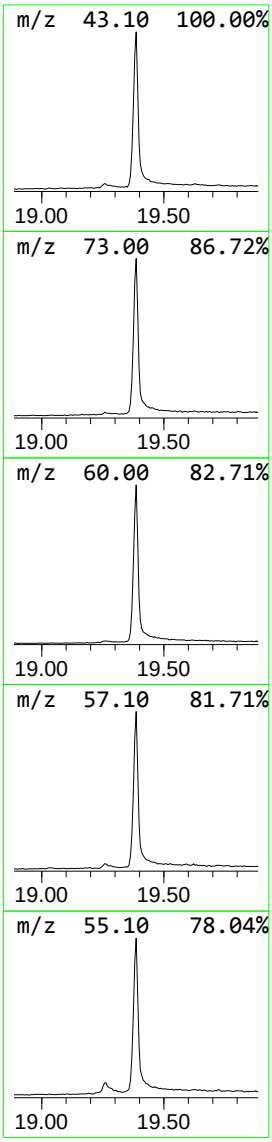
Peak Number 4 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.386	63.29 ng	6016850	Chrysene-d12	21.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P044-SS002-0006-02

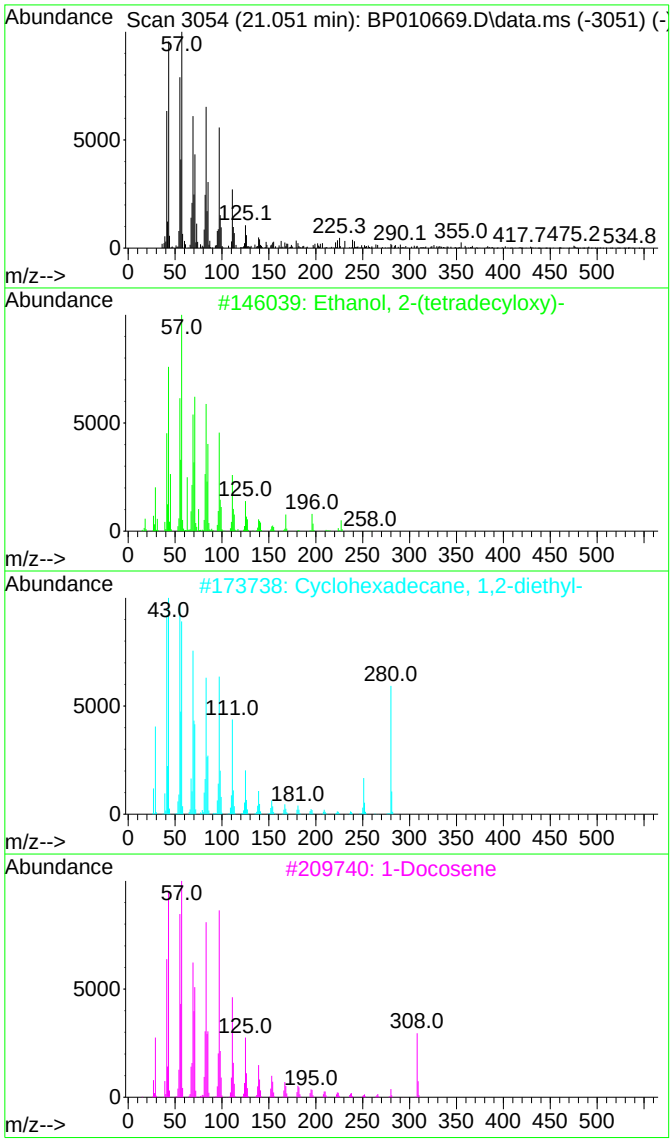
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

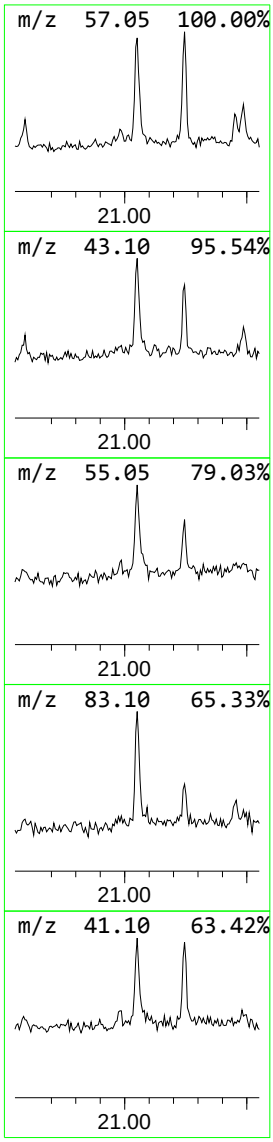
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Ethanol, 2-(tetradecyloxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	2.64 ng	251353	Chrysene-d12	21.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	96
2	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93
3	1-Docosene	308	C22H44	001599-67-3	93
4	Cycloeicosane	280	C20H40	000296-56-0	92
5	1-Hexacosene	364	C26H52	018835-33-1	91





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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

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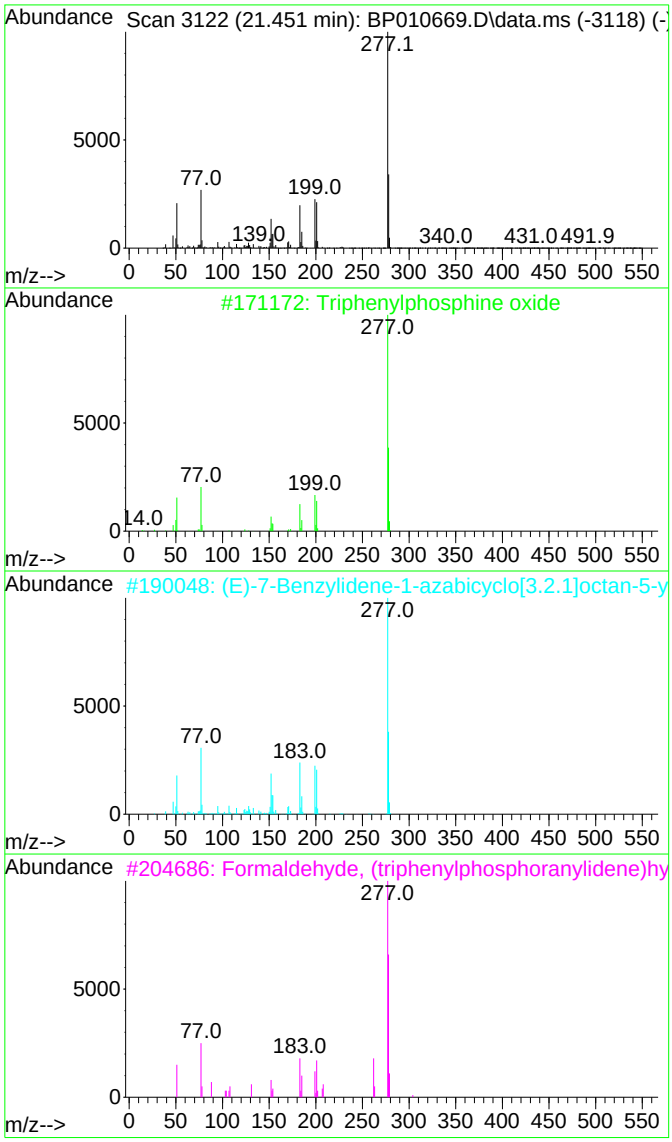
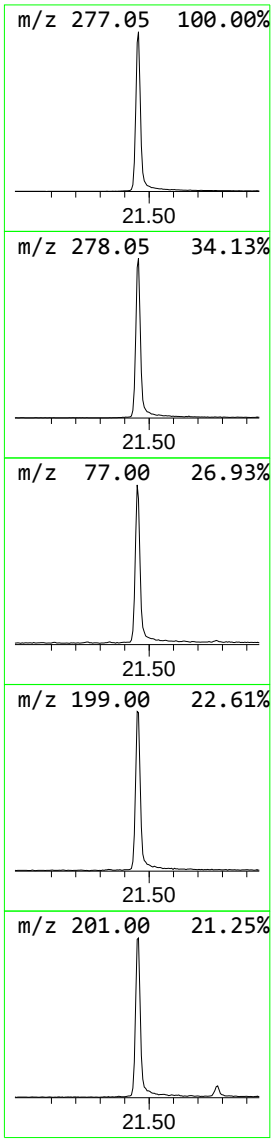
Peak Number 6 Triphenylphosphine oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.451	44.41 ng	4222150	Chrysene-d12	21.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	90
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	50
4	4-Nitro-4'-methyldiphenylsulfone	277	C13H11NO4S	004094-37-5	38
5	Carbazol-1-one, 1,2,3,4-tetrahyd...	277	C18H15NO2	299962-12-2	25





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
Hexanal	4.422	2.3	ng	96490	1	7.857	850655	20.0
n-Hexadecanoic ...	18.145	36.8	ng	3269580	4	17.251	1775170	20.0
2,3-Dihydroxypr...	19.257	3.6	ng	321248	4	17.251	1775170	20.0
Octadecanoic acid	19.386	63.3	ng	6016850	5	21.339	1901480	20.0
Ethanol, 2-(tet...	21.051	2.6	ng	251353	5	21.339	1901480	20.0
Triphenylphosph...	21.451	44.4	ng	4222150	5	21.339	1901480	20.0