LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031622\
Data File : BP009424.D
Acq On : 16 Mar 2022 16:04
Operator : CG/JU
Sample : N1951-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DB-27-(15-20)-3-12-22

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: BP009424.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	% of max.	% of total
1	3.058	8	12	32	rVB	535697	826280	4.23%	0.684%
2	5.422	406	414	433	rBV	7231056	12220795	62.63%	10.117%
3	7.005	674	683	706	rBV	6846032	12638371	64.77%	10.462%
4	7.805	811	819	828	rBV	1695600	2915452	14.94%	2.413%
5	8.963	1007	1016	1032	rBV	4459769	8399991	43.05%	6.954%
6	10.599	1282	1294	1306	rBV	2206264	4185261	21.45%	3.465%
7	13.075	1706	1715	1732	rBV	11742401	19513436	100.00%	16.154%
8	14.451	1941	1949	1963	rVB	3333642	5381106	27.58%	4.455%
9	15.281	2084	2090	2112	rVB	458277	940678	4.82%	0.779%
10	15.951	2196	2204	2223	rBV	9312481	14860883	76.16%	12.302%
11	17.210	2411	2418	2430	rBV	3579787	5694935	29.18%	4.714%
12	18.116	2568	2572	2579	rBV	408086	677834	3.47%	0.561%
13	18.180	2579	2583	2593	rVB	167611	278290	1.43%	0.230%
14	19.357	2780	2783	2791	rBV	119227	205583	1.05%	0.170%
15	19.786	2850	2856	2863	rBV	15012638	19142609	98.10%	15.847%
16	20.545	2981	2985	2992	rBV	1221749	1504594	7.71%	1.246%
17	21.045	3066	3070	3077	rBV	608767	1126950	5.78%	0.933%
18	21.239	3100	3103	3108	rVB	292724	361572	1.85%	0.299%
19	21.321	3112	3117	3123	rBV	3557499	4626498	23.71%	3.830%
20	23.733	3520	3527	3539	rVB2	2320951	5298047	27.15%	4.386%

Sum of corrected areas: 120799165

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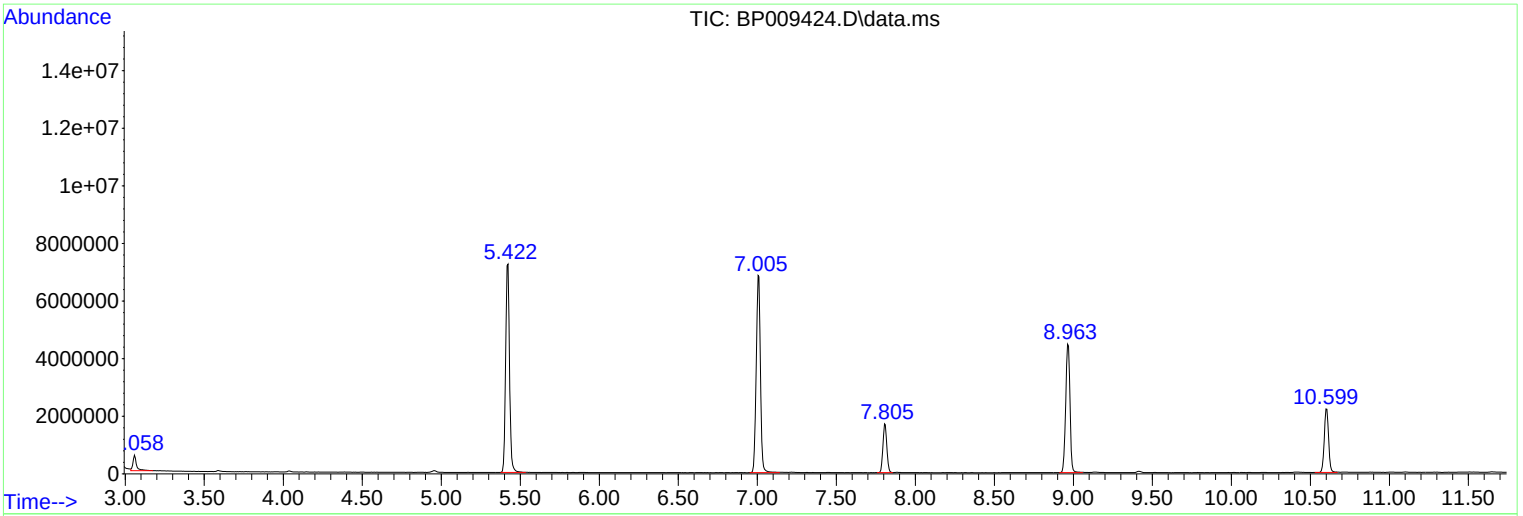
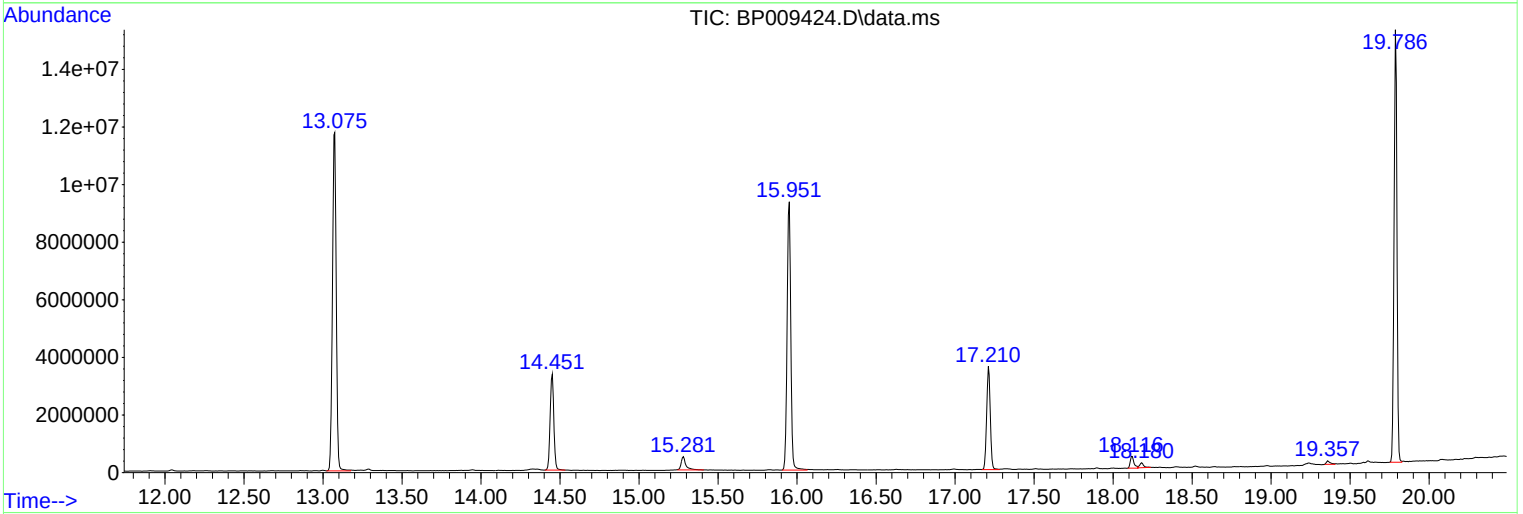
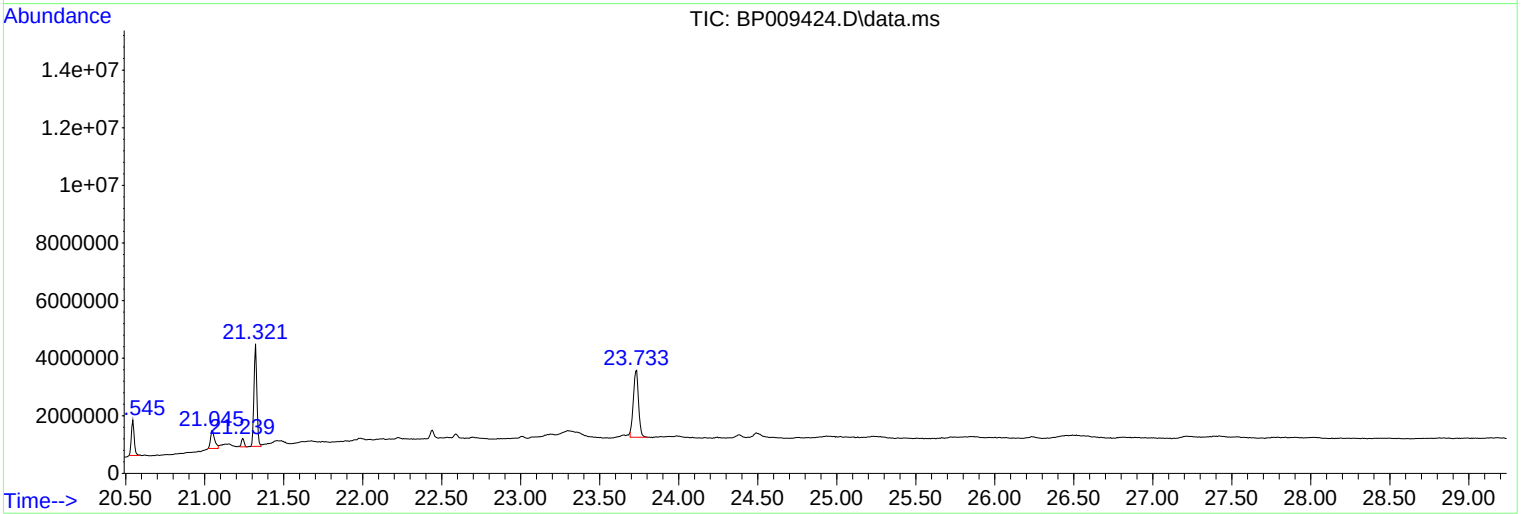
DB-27-(15-20)-3-12-22

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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

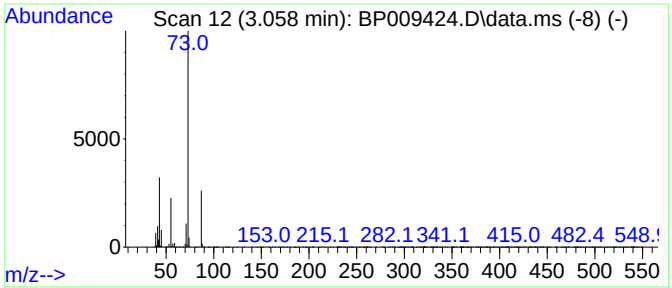
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

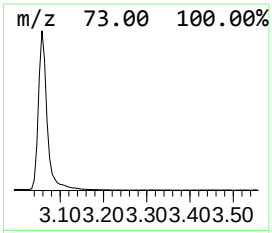
****

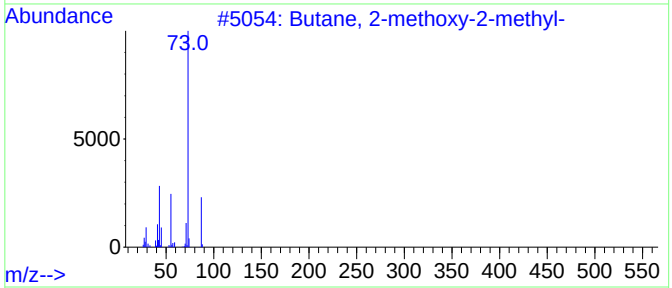
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

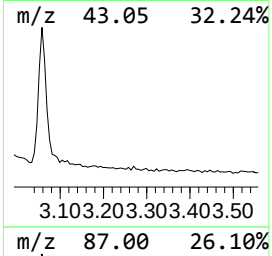
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.058	5.67 ng	826280	1,4-Dichlorobenzene-d4	7.810

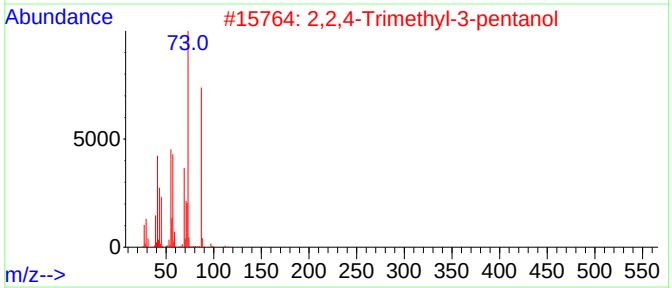
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9

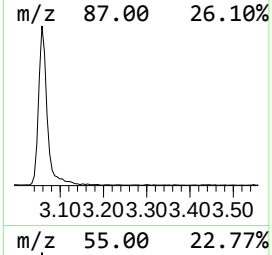


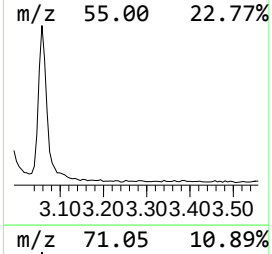


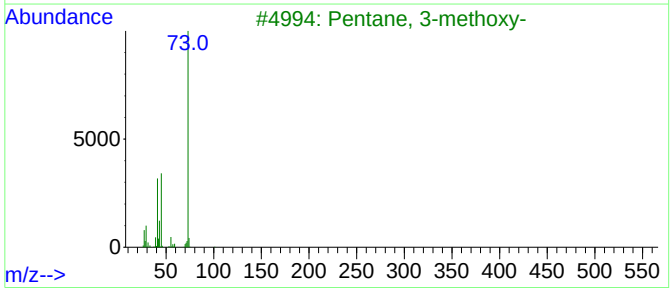


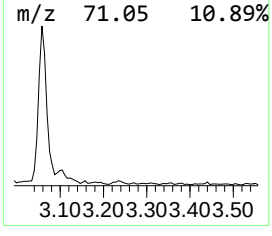












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ClientSampleId :
DB-27-(15-20)-3-12-22

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

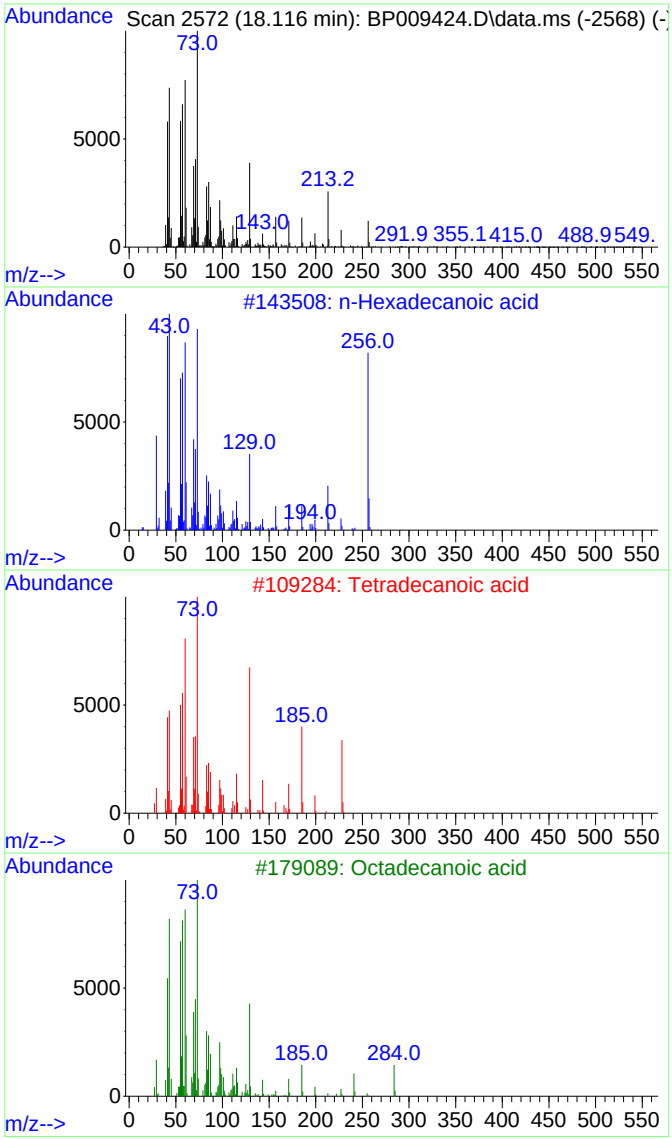
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

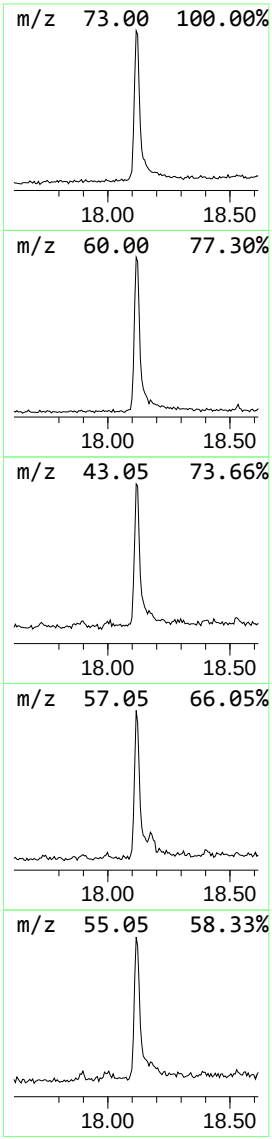
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.116	2.38 ng	677834	Phenanthrene-d10	17.210

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	Octadecanoic acid	284	C18H36O2	000057-11-4	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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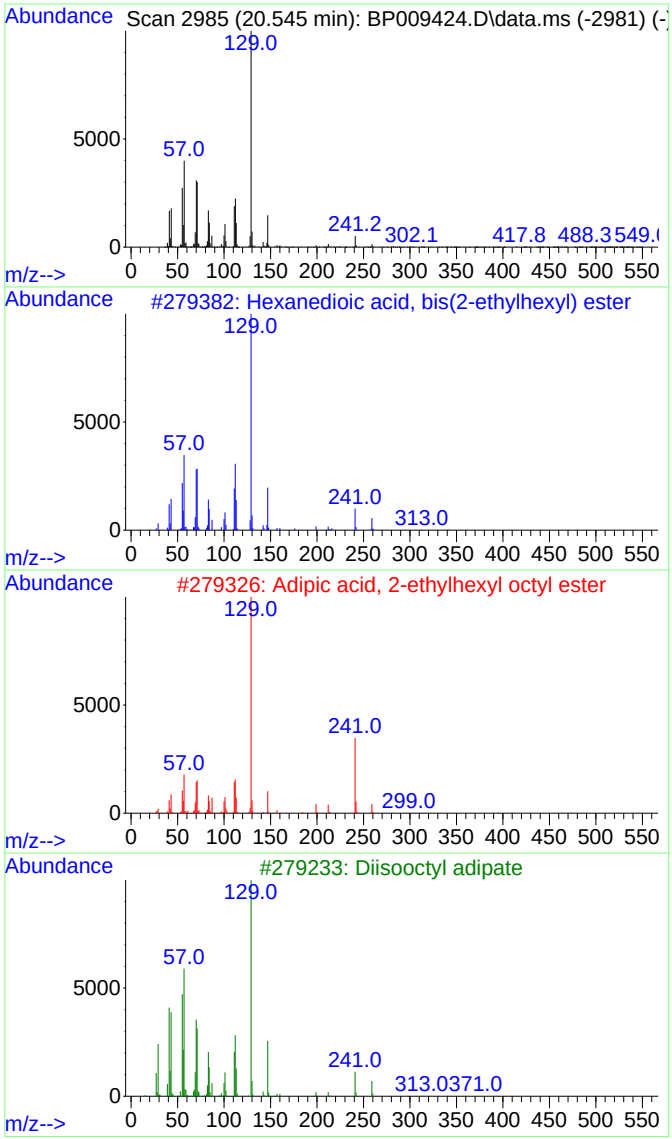
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

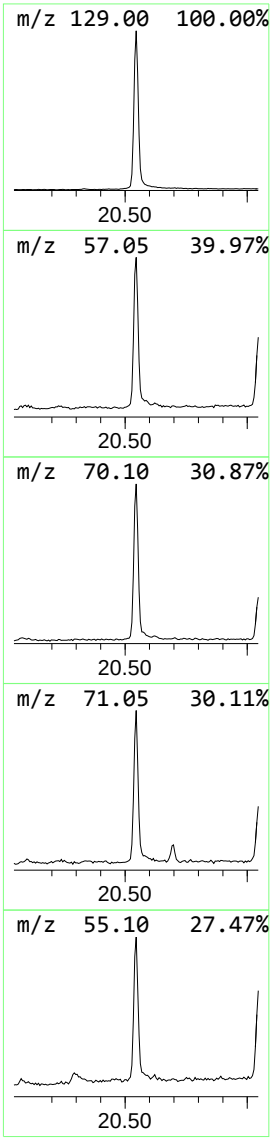
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexanedioic acid, bis(2-eth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.545	6.50 ng	1504590	Chrysene-d12	21.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	90
3	Diisooctyl adipate	370	C22H42O4	001330-86-5	78
4	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	76
5	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	62





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
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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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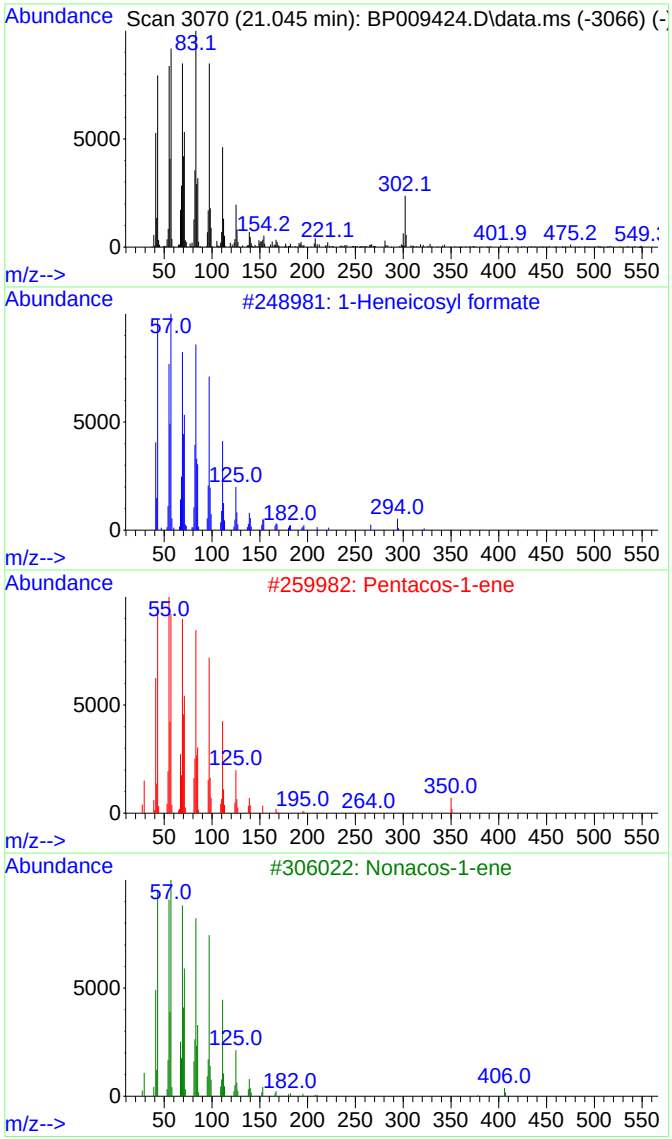
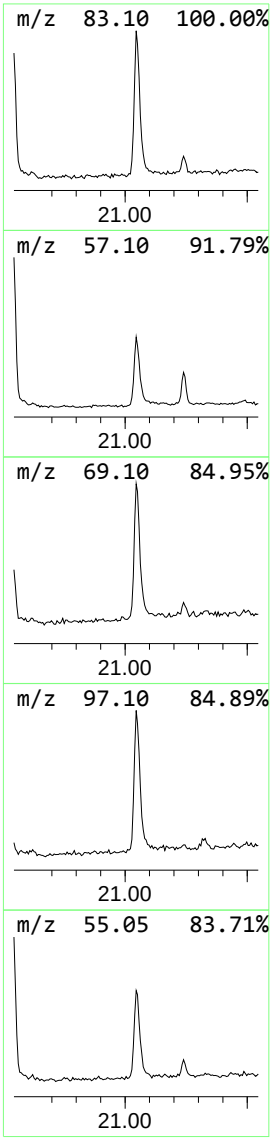
Peak Number 4 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.045	4.87 ng	1126950	Chrysene-d12	21.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	97
2	Pentacos-1-ene	350	C25H50	016980-85-1	94
3	Nonacos-1-ene	406	C29H58	018835-35-3	94
4	E-14-Hexadecenal	238	C16H30O	330207-53-9	93
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	93





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...	3.058	5.7	ng	826280	1	7.810	2915450	20.0
n-Hexadecanoic ...	18.116	2.4	ng	677834	4	17.210	5694940	20.0
Hexanedioic aci...	20.545	6.5	ng	1504590	5	21.322	4626500	20.0
1-Heneicosyl fo...	21.045	4.9	ng	1126950	5	21.322	4626500	20.0