LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111021\
Data File : BP007937.D
Acq On : 11 Nov 2021 01:03
Operator : CG/JU
Sample : M4602-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
R-LA-6/2-WC

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-BP110221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007937.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.440	359	366	379	rBV	2646423	3916262	55.00%	8.672%
2	7.034	626	637	652	rBV	2352242	3880870	54.50%	8.593%
3	7.852	769	776	784	rBV	472607	740495	10.40%	1.640%
4	9.010	965	973	992	rBV	1392872	2300816	32.31%	5.095%
5	10.434	1206	1215	1231	rBV	210497	391556	5.50%	0.867%
6	10.651	1244	1252	1266	rVB	536333	910715	12.79%	2.017%
7	13.116	1664	1671	1685	rBV	3184141	4810114	67.55%	10.651%
8	14.487	1897	1904	1912	rBV	781692	1216094	17.08%	2.693%
9	15.981	2152	2158	2177	rBV	3062016	4593368	64.51%	10.171%
10	17.122	2348	2352	2359	rBV	53752	77945	1.09%	0.173%
11	17.245	2366	2373	2378	rBV	1059978	1550336	21.77%	3.433%
12	17.369	2387	2394	2400	rVB6	40613	82561	1.16%	0.183%
13	18.139	2518	2525	2533	rBV3	124874	199414	2.80%	0.442%
14	19.039	2674	2678	2687	rBV	228667	279947	3.93%	0.620%
15	19.604	2770	2774	2784	rVB2	102572	162554	2.28%	0.360%
16	19.810	2803	2809	2815	rBV	6015939	7120519	100.00%	15.767%
17	20.116	2858	2861	2866	rVB	649238	685818	9.63%	1.519%
18	20.604	2941	2944	2947	rVB	78063	86434	1.21%	0.191%
19	21.051	3016	3020	3025	rBV	1281563	1695988	23.82%	3.755%
20	21.333	3063	3068	3073	rBV	1552731	2096662	29.45%	4.643%
21	21.498	3093	3096	3100	rVB	131683	156008	2.19%	0.345%
22	21.974	3171	3177	3187	rBV	1588310	2422438	34.02%	5.364%
23	23.021	3351	3355	3358	rBV2	197170	287275	4.03%	0.636%
24	23.068	3358	3363	3372	rVB	813440	1378790	19.36%	3.053%
25	23.745	3471	3478	3486	rBV2	1074704	2325078	32.65%	5.148%
26	24.486	3597	3604	3615	rVB	767050	1793540	25.19%	3.971%

Sum of corrected areas: 45161597

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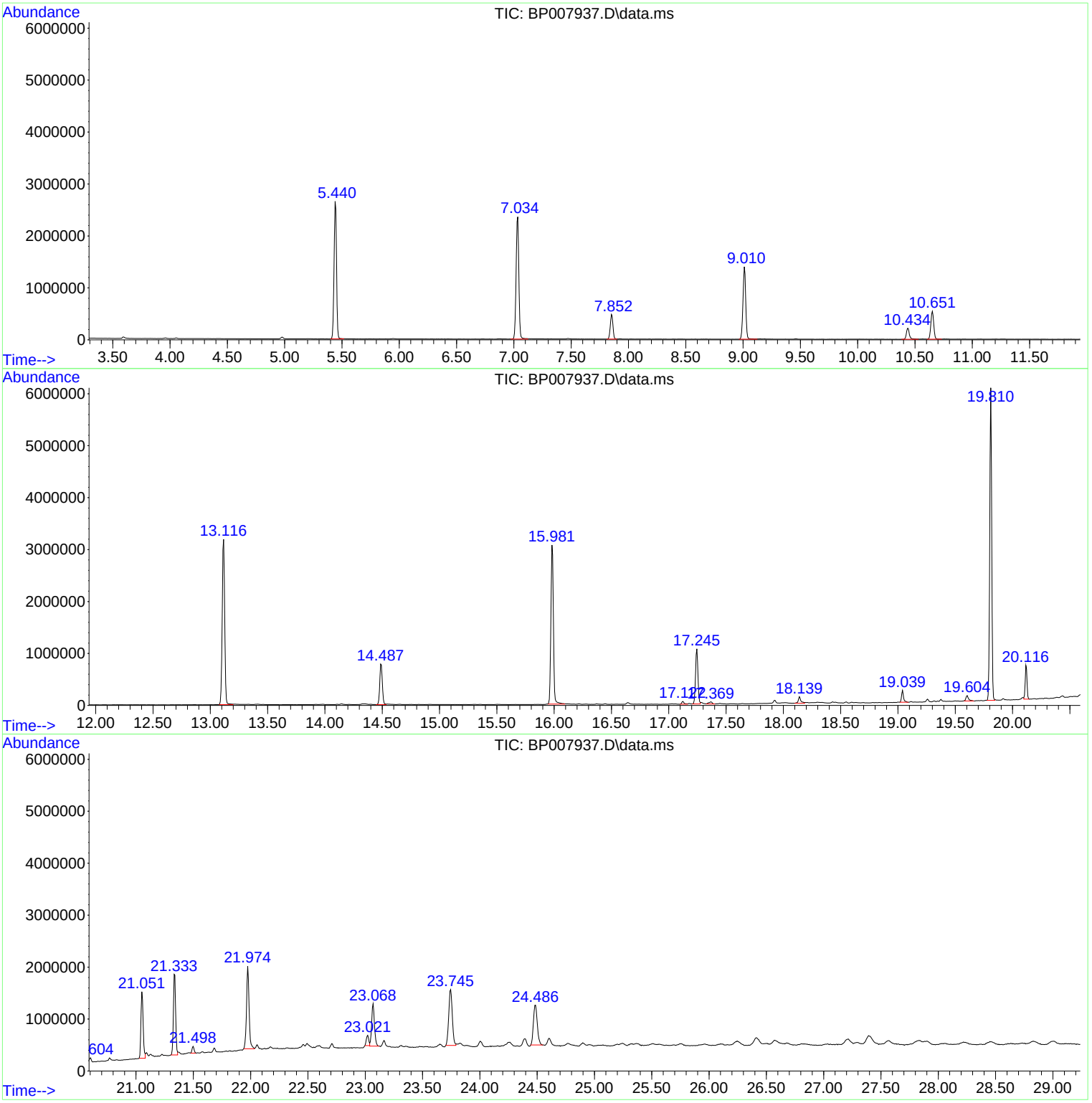
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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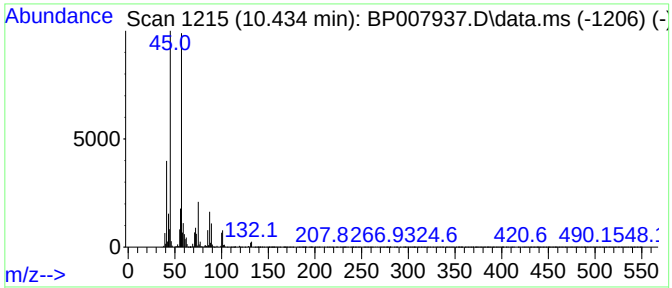
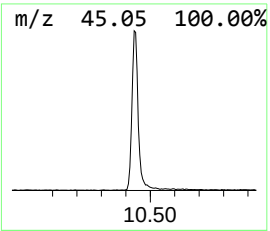
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

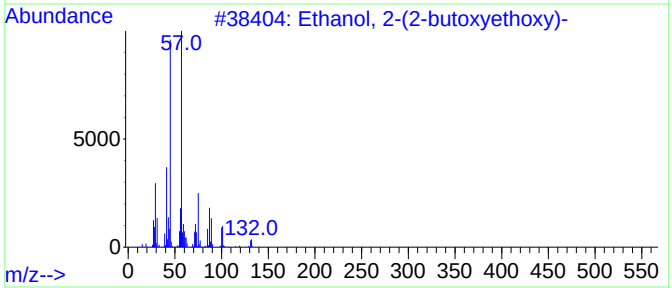
****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 5

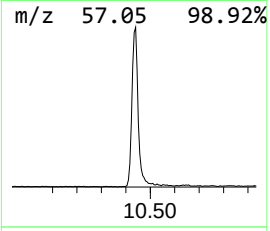
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.434	8.60 ng	391556	Naphthalene-d8	10.652

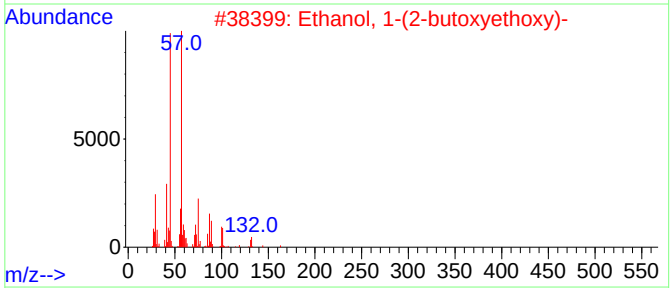
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	91
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	50

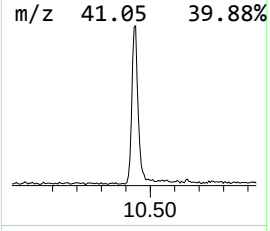


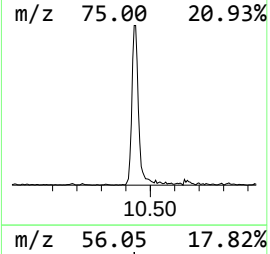


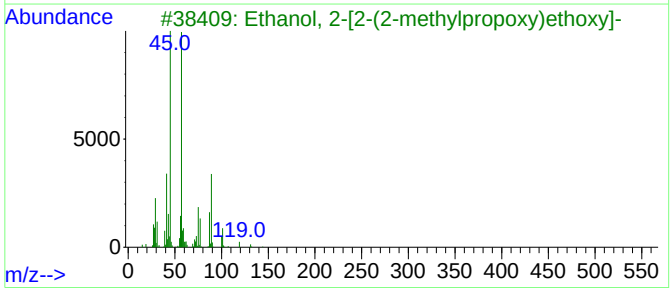


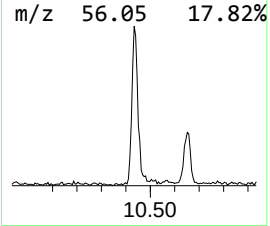












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Instrument :
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ClientSampleId :
R-LA-6/2-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.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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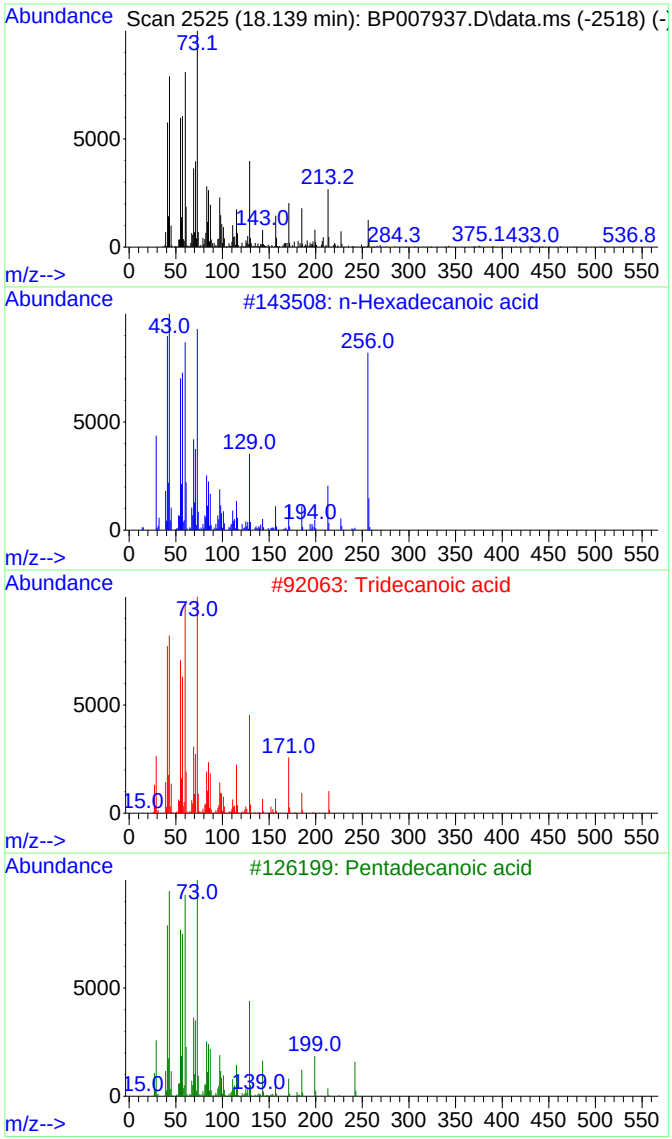
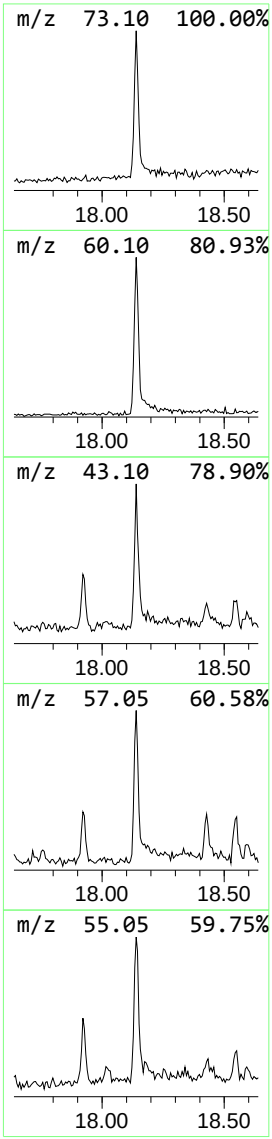
Peak Number 2 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	2.57 ng	199414	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Octadecanoic acid	284	C18H36O2	000057-11-4	68





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R-LA-6/2-WC

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TIC Library : C:\Database\NIST20.L
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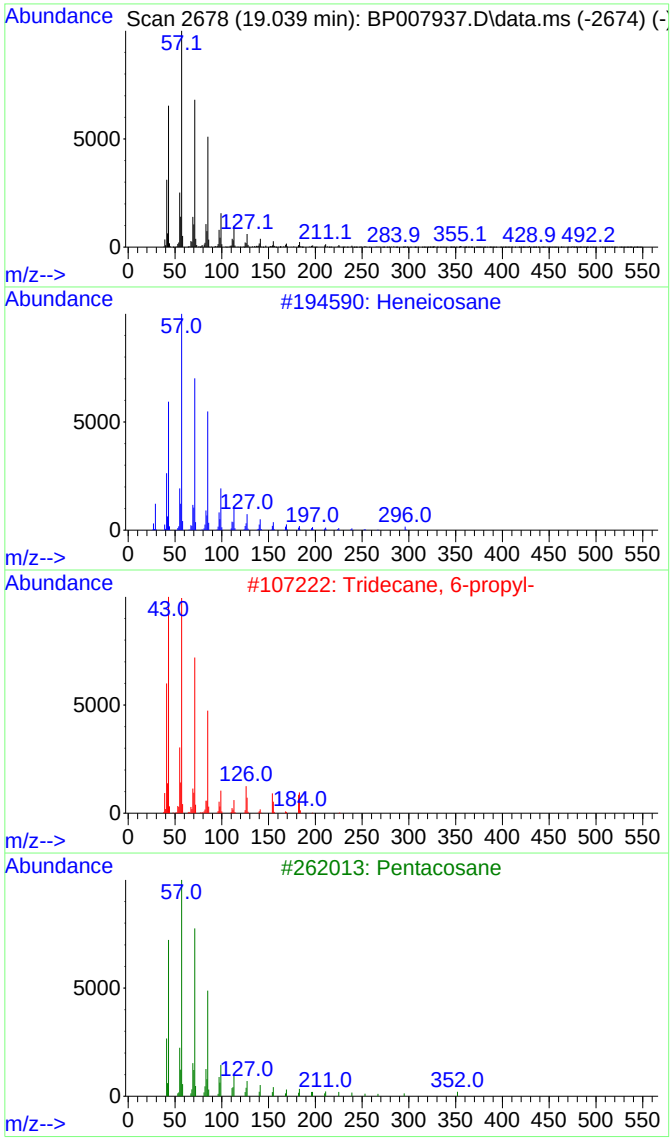
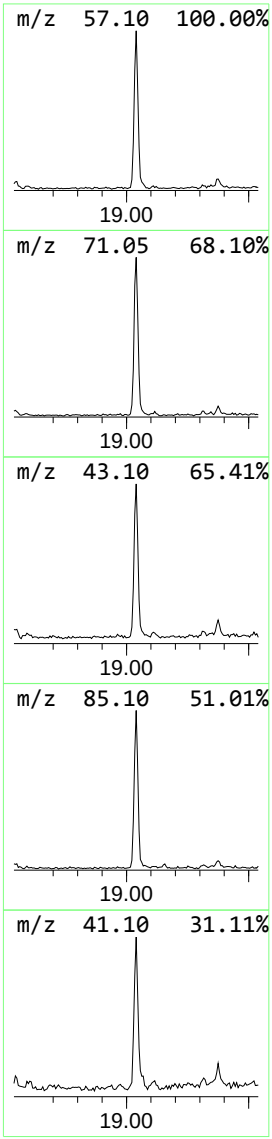
Peak Number 3 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.039	3.61 ng	279947	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
3	Pentacosane	352	C25H52	000629-99-2	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Operator : CG/JU
Sample : M4602-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
R-LA-6/2-WC

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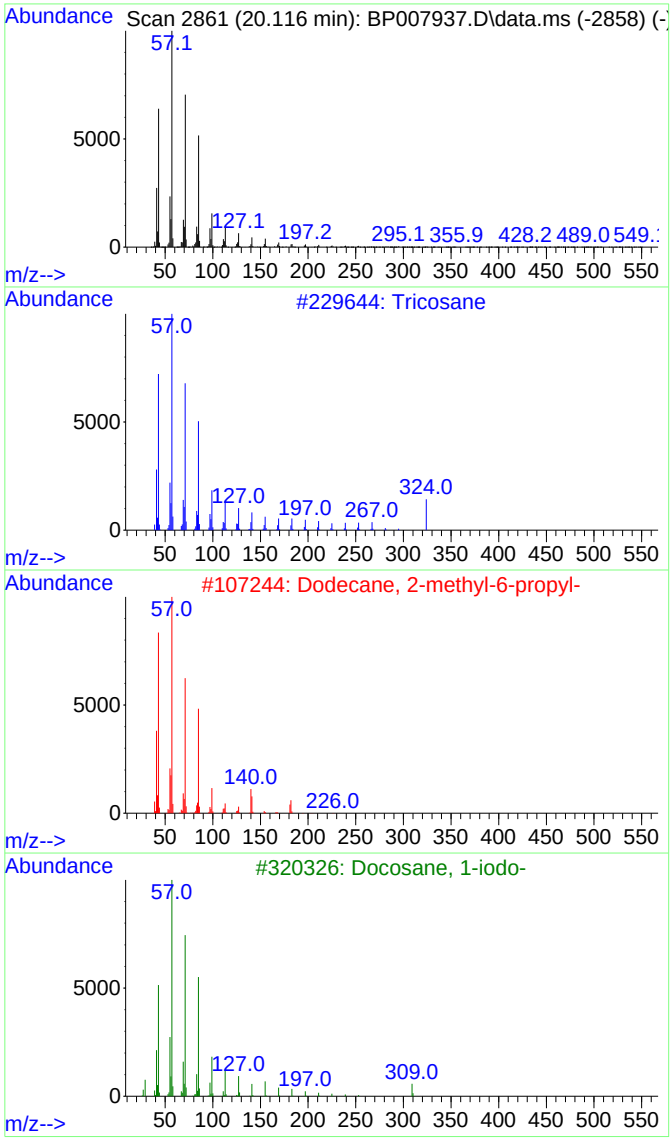
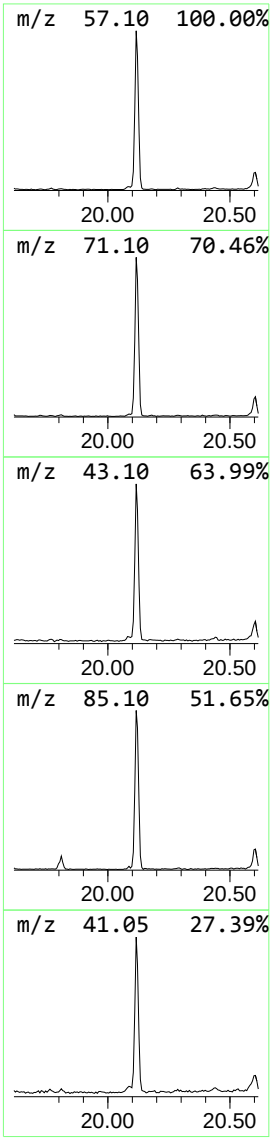
Peak Number 4 Tricosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.116	6.54 ng	685818	Chrysene-d12	21.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	94
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane	394	C28H58	000630-02-4	91





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ALS Vial : 18 Sample Multiplier: 1

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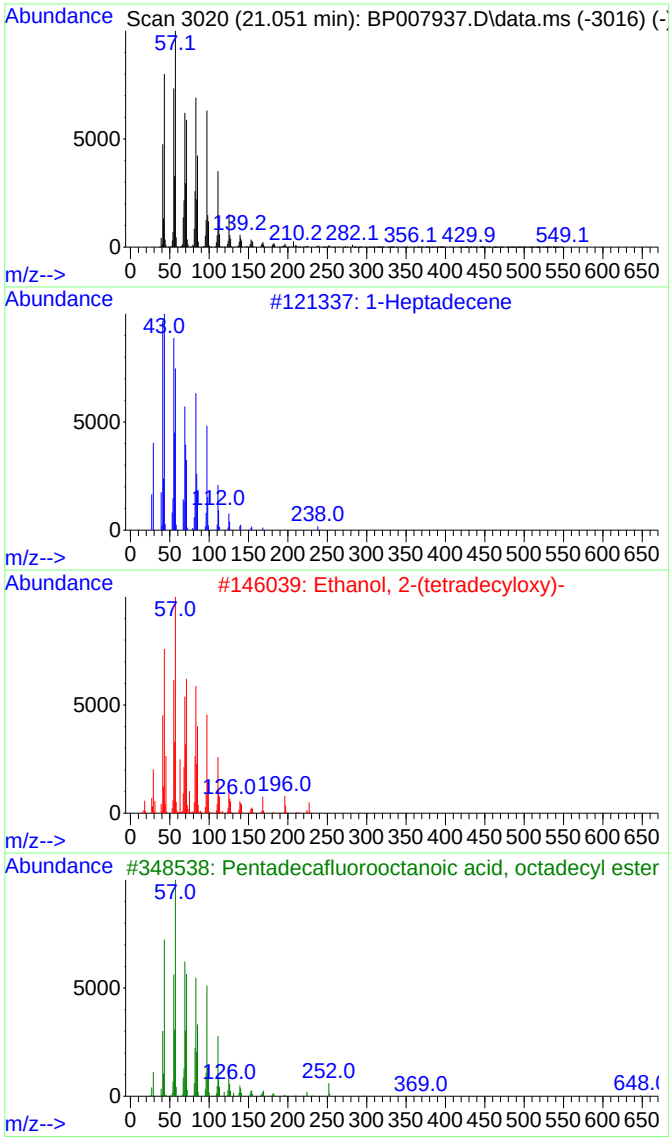
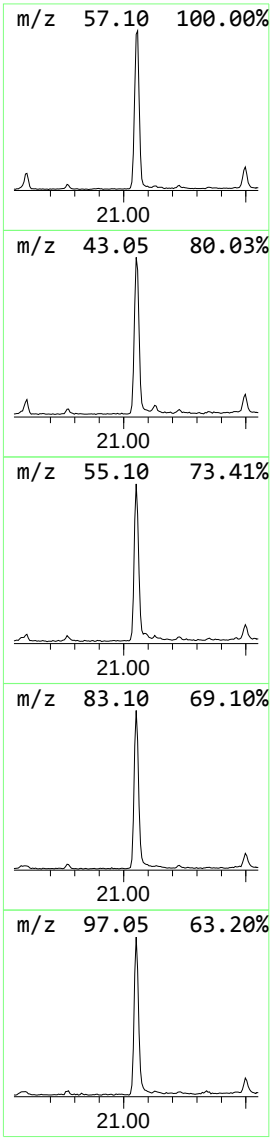
Peak Number 5 1-Heptadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	16.18 ng	1695990	Chrysene-d12	21.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	95
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	95
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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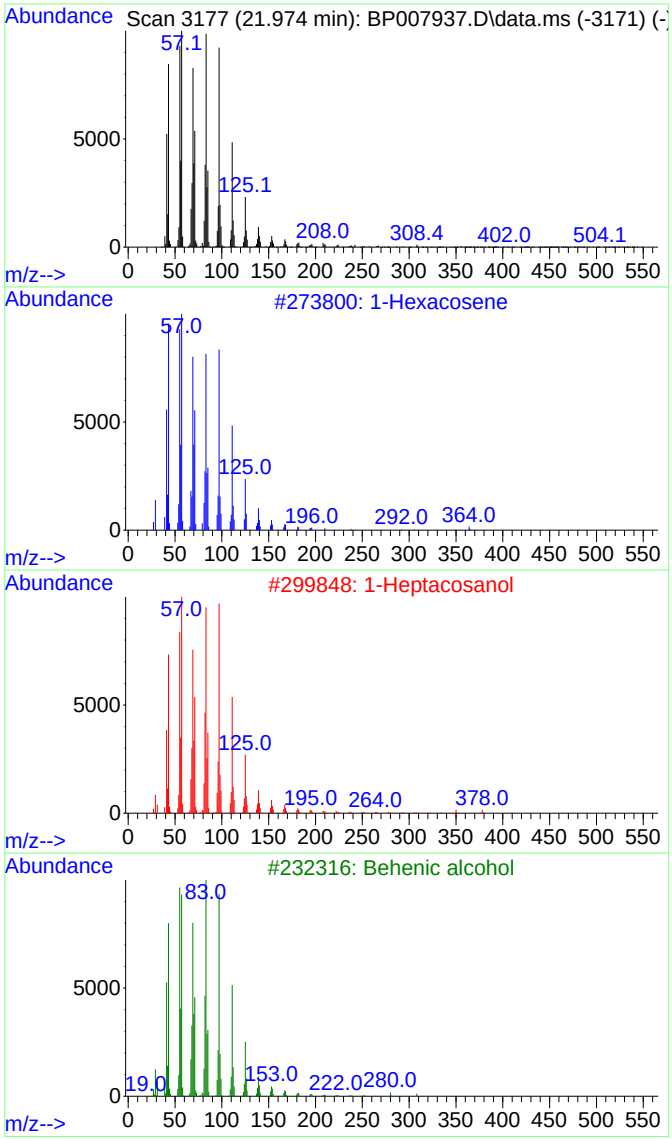
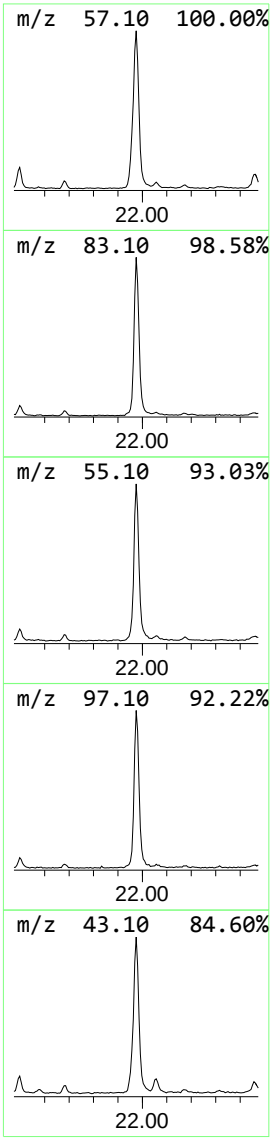
Peak Number 6 1-Hexacosene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.974	23.11 ng	2422440	Chrysene-d12	21.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	1-Tetracosene	336	C24H48	010192-32-2	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





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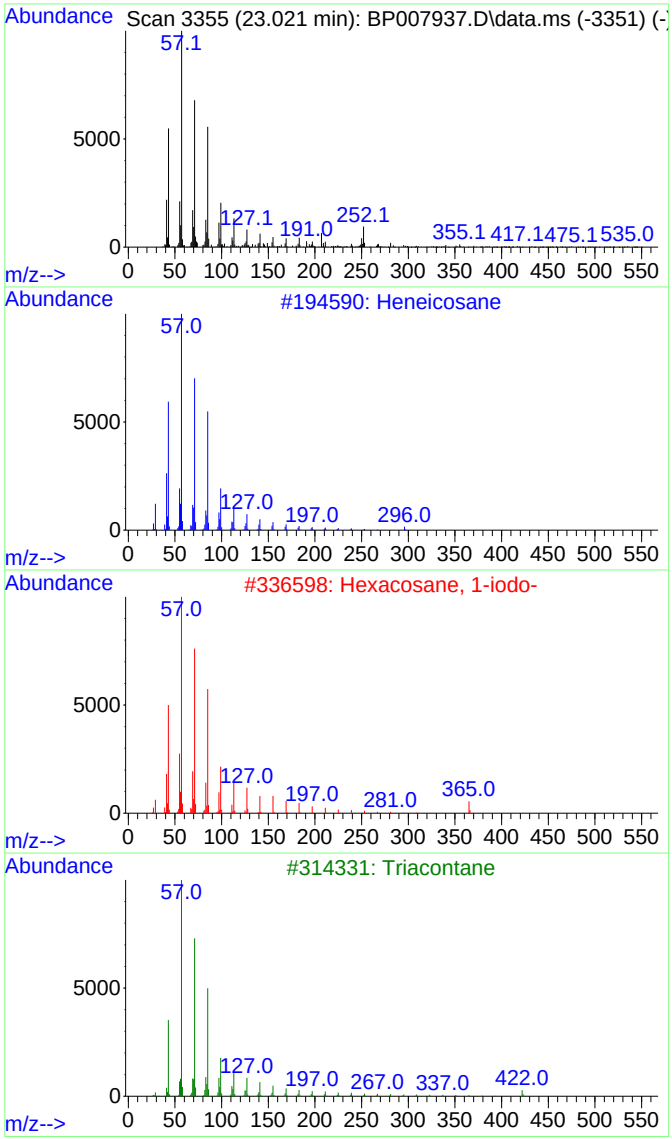
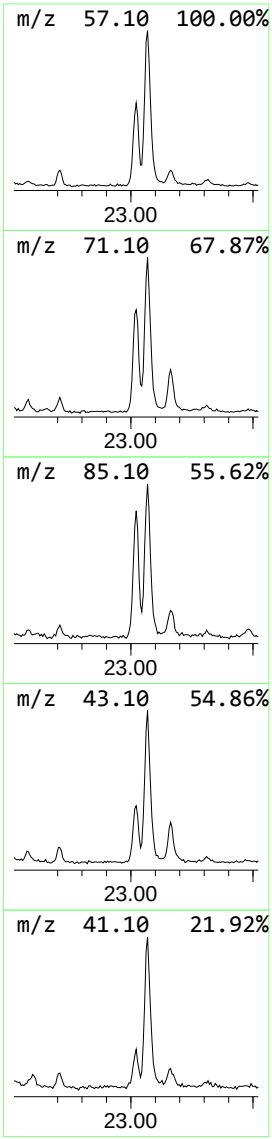
Peak Number 7 Hexacosane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.021	2.47 ng	287275	Perylene-d12	23.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Hexacosane, 1-iodo-	492	C26H53I	1000406-32-1	87
3	Triacontane	422	C30H62	000638-68-6	87
4	Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	87
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83





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TIC Library : C:\Database\NIST20.L
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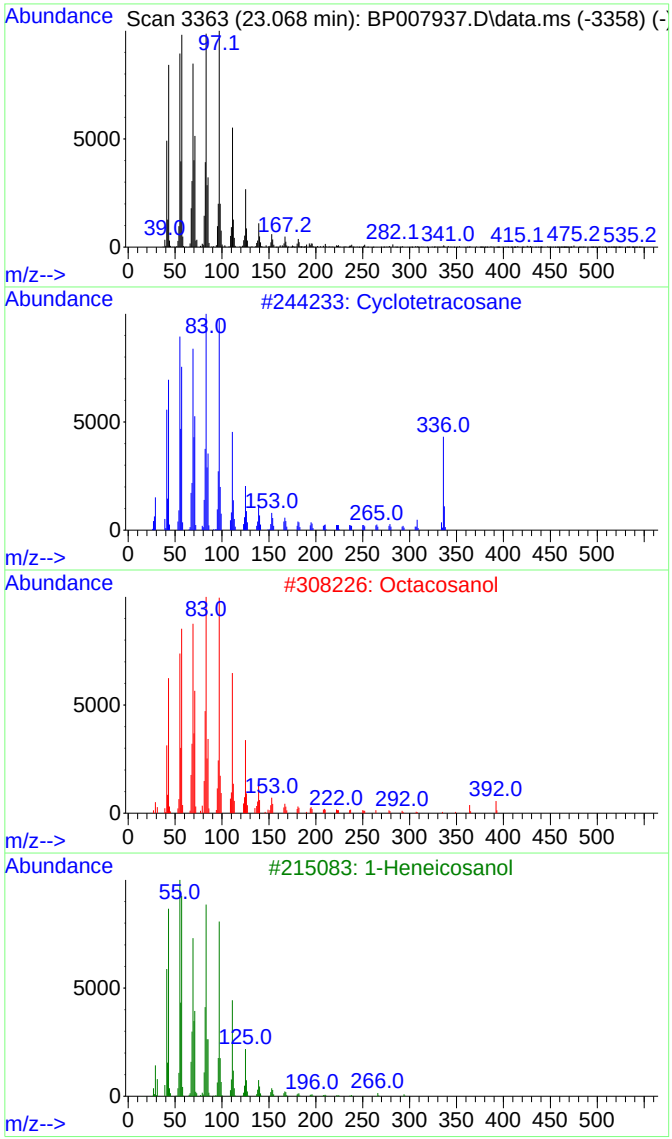
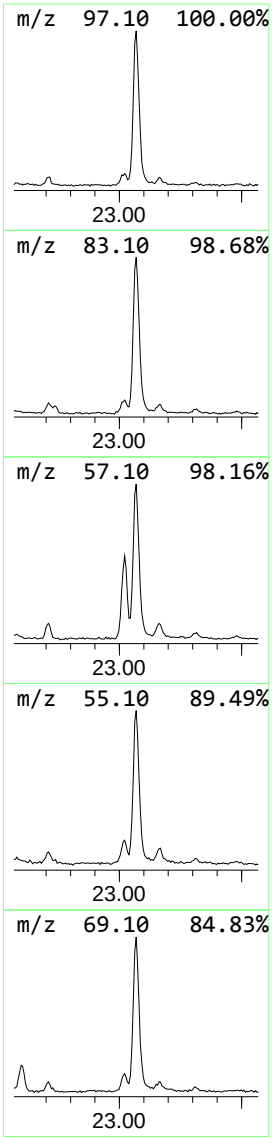
Peak Number 8 Cyclotetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.068	11.86 ng	1378790	Perylene-d12	23.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	99
2	Octacosanol	410	C28H58O	000557-61-9	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	1-Hexacosanol	382	C26H54O	000506-52-5	94





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ClientSampleId :
R-LA-6/2-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

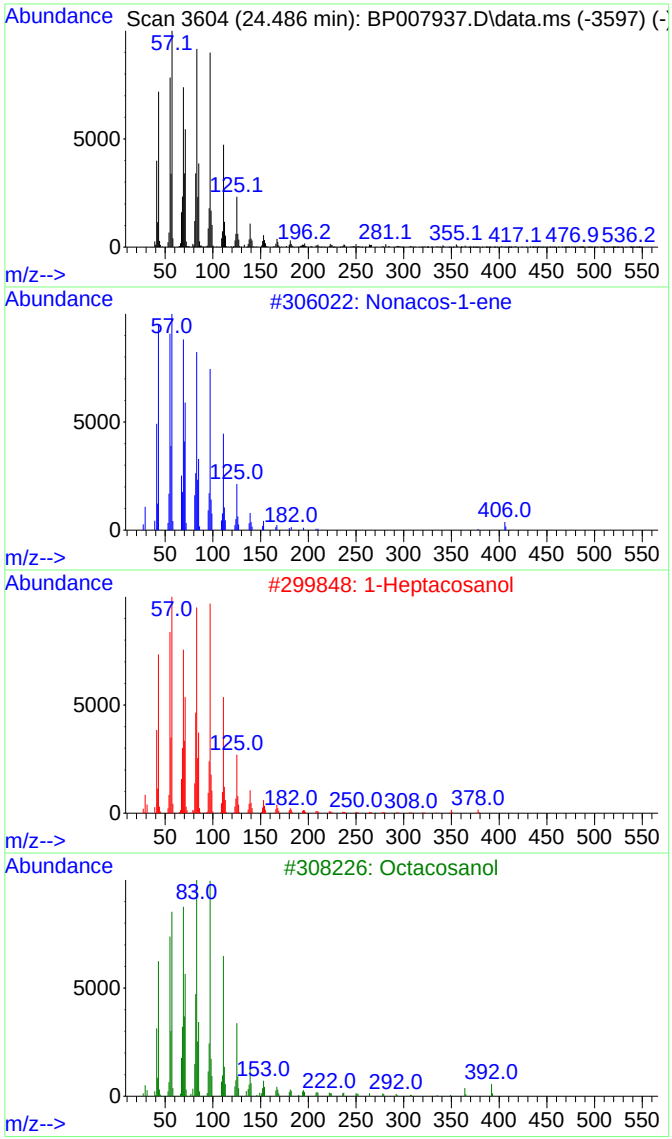
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

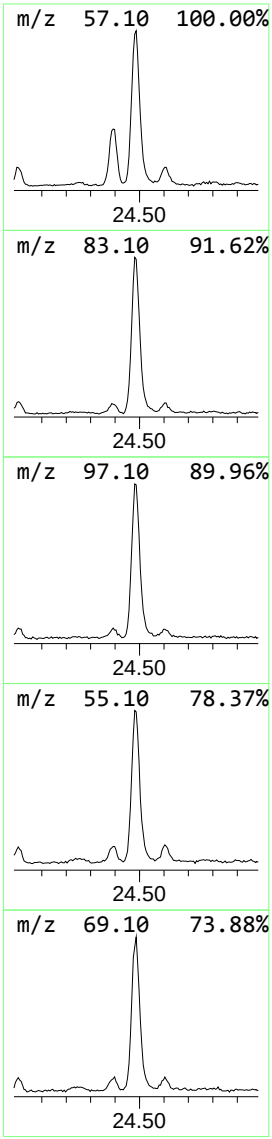
****

Peak Number 9 Nonacos-1-ene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.486	15.43 ng	1793540	Perylene-d12	23.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacos-1-ene	406	C29H58	018835-35-3	97
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	Octacosanol	410	C28H58O	000557-61-9	94
4	1-Hexacosene	364	C26H52	018835-33-1	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111021\
Data File : BP007937.D
Acq On : 11 Nov 2021 01:03
Operator : CG/JU
Sample : M4602-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
R-LA-6/2-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.434	8.6	ng	391556	2	10.652	910715	20.0
n-Hexadecanoic ...	18.139	2.6	ng	199414	4	17.245	1550340	20.0
Heneicosane	19.039	3.6	ng	279947	4	17.245	1550340	20.0
Tricosane	20.116	6.5	ng	685818	5	21.339	2096660	20.0
1-Heptadecene	21.051	16.2	ng	1695990	5	21.339	2096660	20.0
1-Hexacosene	21.974	23.1	ng	2422440	5	21.339	2096660	20.0
Hexacosane, 1-i...	23.021	2.5	ng	287275	6	23.745	2325080	20.0
Cyclotetracosane	23.068	11.9	ng	1378790	6	23.745	2325080	20.0
Nonacos-1-ene	24.486	15.4	ng	1793540	6	23.745	2325080	20.0