LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100621\
Data File : BP007360.D
Acq On : 06 Oct 2021 18:35
Operator : CG/JU
Sample : M4046-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-(4.5-5.0)

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-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007360.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	393	400	414	rBV	2217140	3328210	48.29%	8.793%
2	7.040	664	672	687	rBV	1882347	3263416	47.35%	8.622%
3	7.858	803	811	820	rBV	598859	968036	14.05%	2.558%
4	9.022	1000	1009	1025	rBV	1236914	2167783	31.45%	5.727%
5	10.475	1247	1256	1263	rBV2	24466	70827	1.03%	0.187%
6	10.657	1279	1287	1300	rBV	721151	1305048	18.94%	3.448%
7	13.116	1697	1705	1730	rBV	3083635	4884311	70.87%	12.905%
8	14.387	1913	1921	1931	rBV4	19956	69679	1.01%	0.184%
9	14.493	1932	1939	1963	rVV	1020449	1715959	24.90%	4.534%
10	15.987	2186	2193	2212	rBV	2035069	3557454	51.62%	9.399%
11	17.245	2401	2407	2412	rBV	1277046	1956583	28.39%	5.169%
12	17.287	2412	2414	2421	rVB	160595	217366	3.15%	0.574%
13	18.134	2552	2558	2568	rBV2	311663	517212	7.50%	1.366%
14	19.257	2745	2749	2756	rVB	193755	258231	3.75%	0.682%
15	19.369	2764	2768	2773	rBV2	60664	102849	1.49%	0.272%
16	19.633	2806	2813	2819	rBV2	239225	511953	7.43%	1.353%
17	19.804	2837	2842	2854	rBV	5690051	6891770	100.00%	18.208%
18	21.045	3049	3053	3061	rBV	437524	600534	8.71%	1.587%
19	21.333	3097	3102	3107	rBV	1842531	2480915	36.00%	6.555%
20	22.986	3380	3383	3389	rVB2	242772	370420	5.37%	0.979%
21	23.733	3505	3510	3531	rVB2	1176924	2611076	37.89%	6.899%

Sum of corrected areas: 37849632

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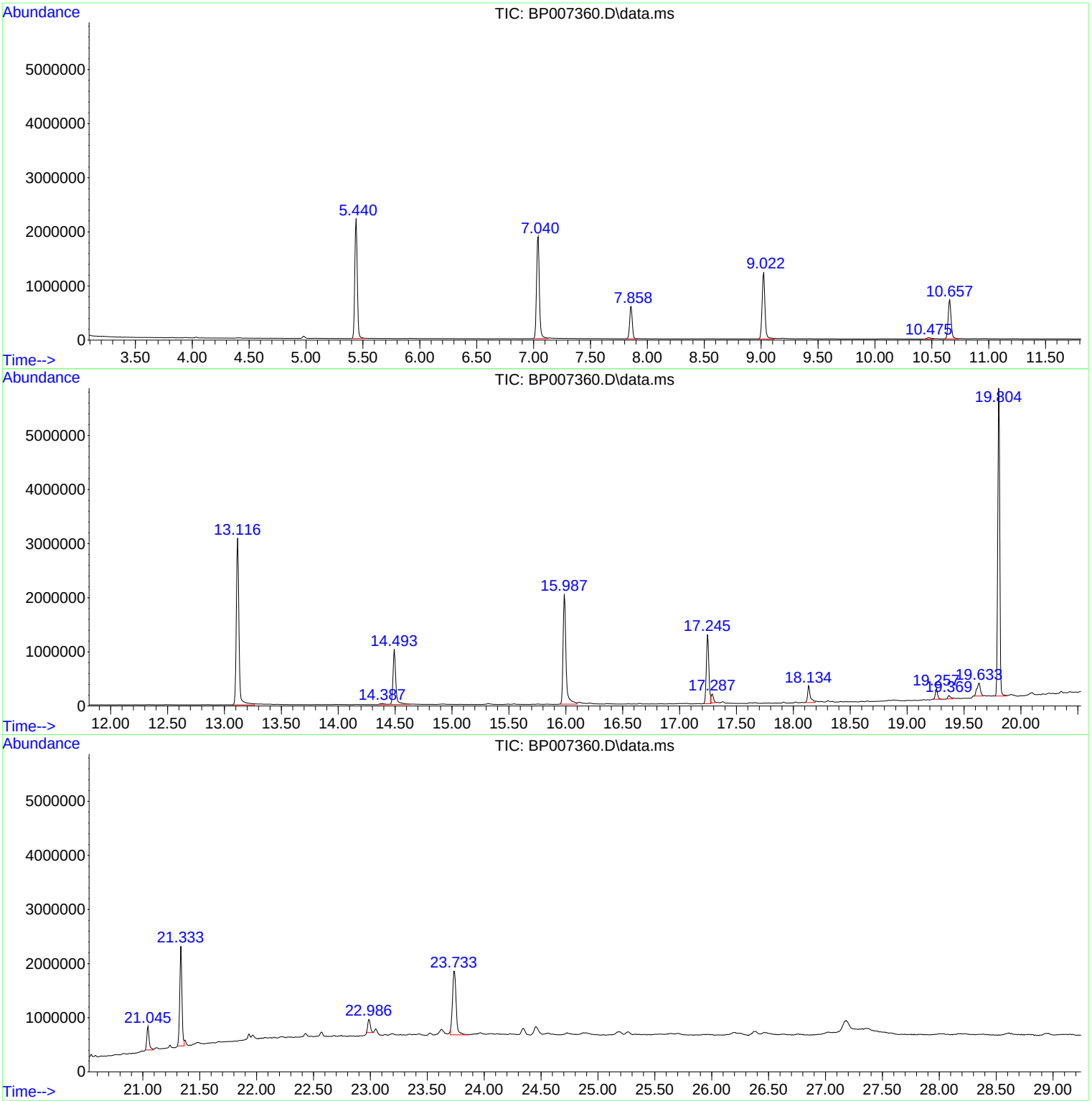
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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TIC Library : C:\Database\NIST20.L
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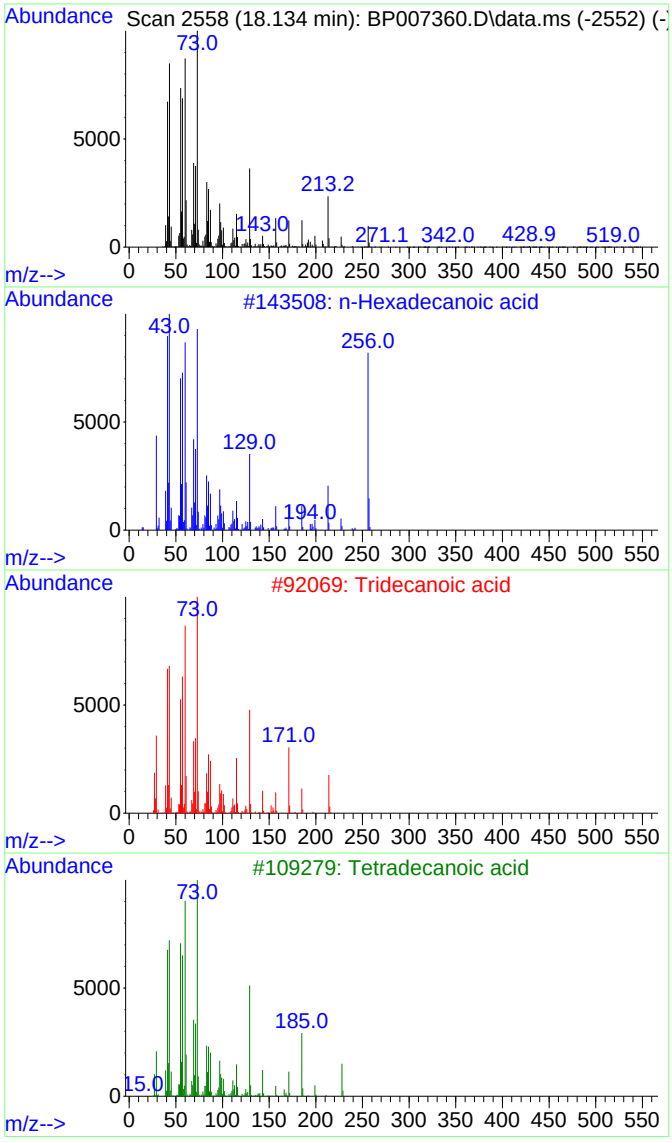
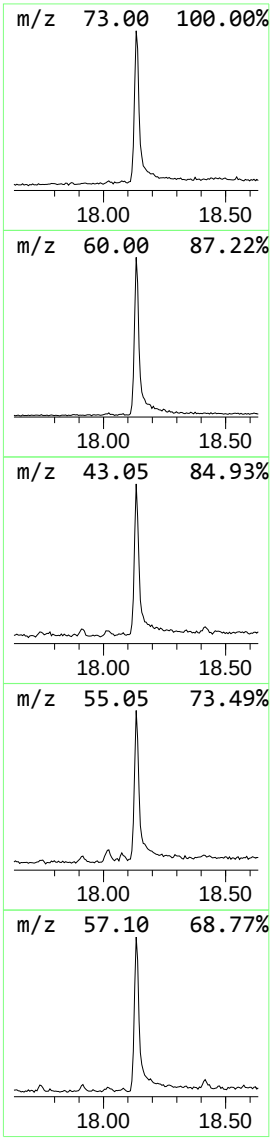
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.134	5.29 ng	517212	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	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Octadecanoic acid	284	C18H36O2	000057-11-4	60





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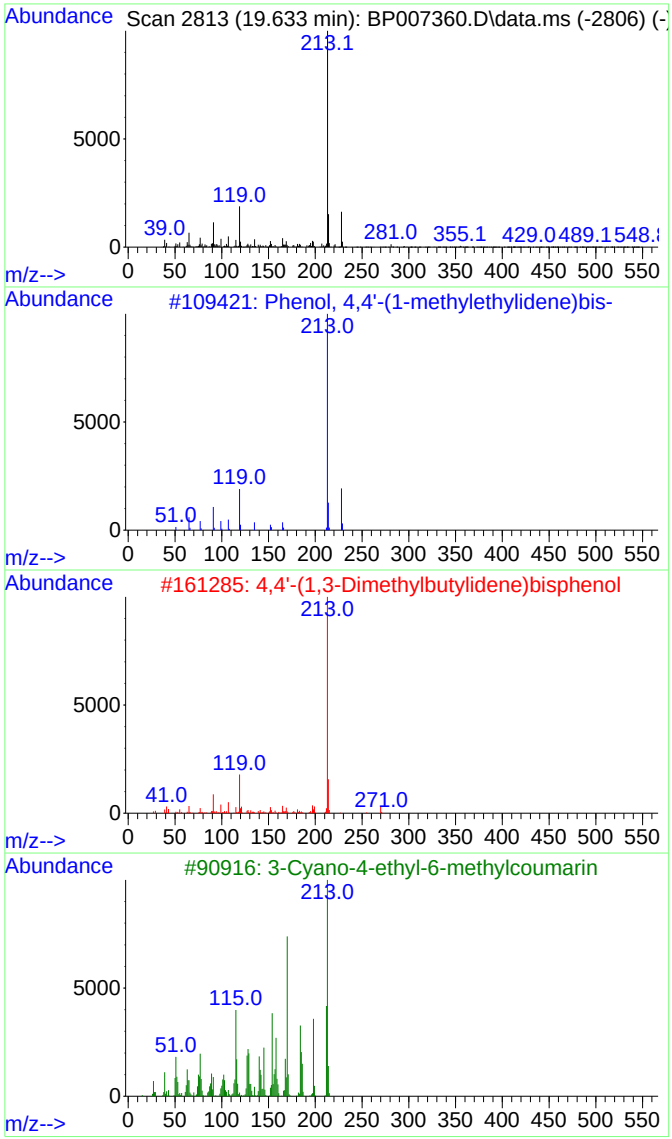
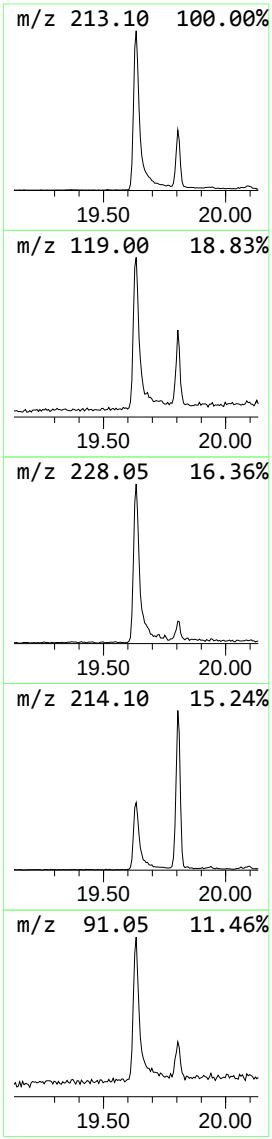
Peak Number 2 Phenol, 4,4'-(1-methylethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.634	4.13 ng	511953	Chrysene-d12	21.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	98
2	4,4'-(1,3-Dimethylbutylidene)bis...	270	C18H22O2	006807-17-6	83
3	3-Cyano-4-ethyl-6-methylcoumarin	213	C13H11NO2	025937-11-5	59
4	5-Fluoro-2-nitrophenylamine, TMS...	228	C9H13FN2O2Si	1000484-54-5	59
5	Diphenolic acid	286	C17H18O4	000126-00-1	56





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Sample : M4046-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-(4.5-5.0)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
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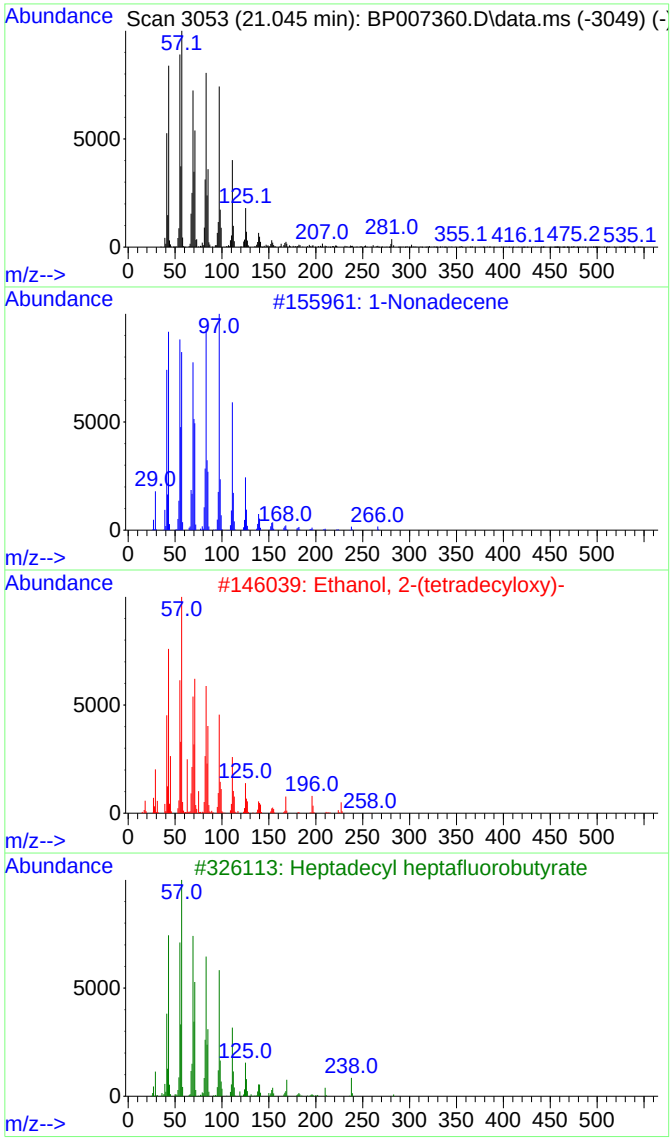
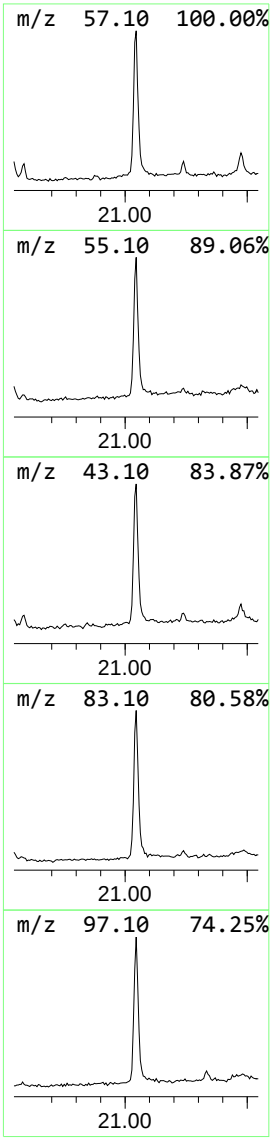
Peak Number 3 1-Nonadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.045	4.84 ng	600534	Chrysene-d12	21.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	97
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	95
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	1-Hexacosene	364	C26H52	018835-33-1	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





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BNA_P
ClientSampleId :
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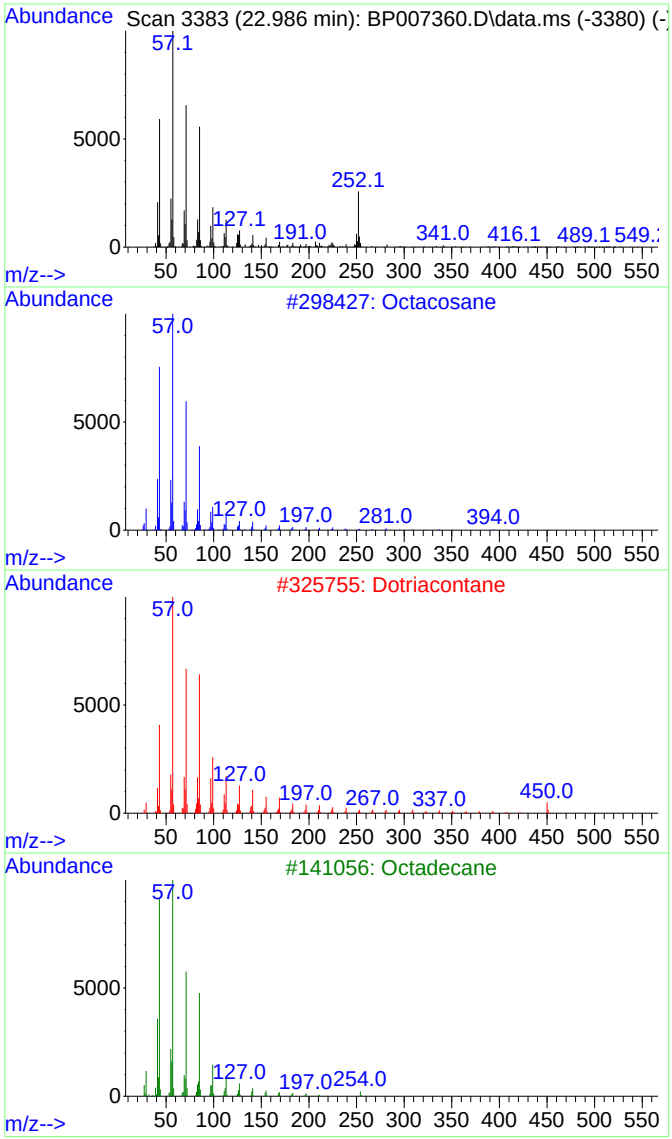
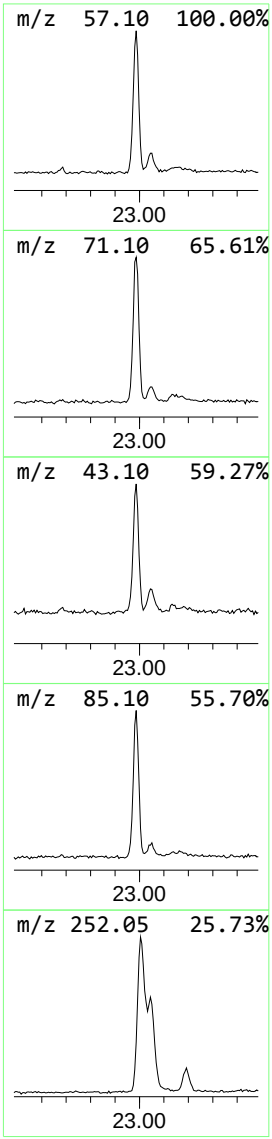
Peak Number 4 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.986	2.84 ng	370420	Perylene-d12	23.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	95
2	Dotriacontane	451	C32H66	000544-85-4	93
3	Octadecane	254	C18H38	000593-45-3	93
4	Tetratriacontane, 2-methyl-	493	C35H72	014167-65-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.134	5.3	ng	517212	4	17.245	1956580	20.0
Phenol, 4,4'-(1...	19.634	4.1	ng	511953	5	21.333	2480920	20.0
1-Nonadecene	21.045	4.8	ng	600534	5	21.333	2480920	20.0
Octacosane	22.986	2.8	ng	370420	6	23.739	2611080	20.0