LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050621\
Data File : BP005450.D
Acq On : 06 May 2021 14:01
Operator : CG/JU
Sample : M2214-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PT-BNA-SOIL

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-BP050521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005450.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.305	371	377	388	rBV	184074	283206	7.27%	0.745%
2	6.905	642	649	651	rBV	184176	284156	7.29%	0.747%
3	6.928	651	653	667	rVB	199388	293317	7.53%	0.771%
4	7.152	684	691	700	rBV	107904	153062	3.93%	0.402%
5	7.599	760	767	780	rBV	284320	431963	11.08%	1.136%
6	7.716	780	787	795	rVV	61519	97680	2.51%	0.257%
7	8.534	917	926	937	rBV	103098	199064	5.11%	0.523%
8	8.881	977	985	989	rBV	125111	212350	5.45%	0.558%
9	8.928	989	993	1006	rVB	160334	255413	6.55%	0.672%
10	9.934	1157	1164	1173	rBV	159722	255871	6.56%	0.673%
11	10.510	1252	1262	1265	rBV	67556	119978	3.08%	0.315%
12	10.557	1265	1270	1282	rVB	262934	423730	10.87%	1.114%
13	10.840	1309	1318	1329	rVB2	449993	731507	18.77%	1.923%
14	12.175	1535	1545	1557	rBV	340543	528700	13.56%	1.390%
15	12.798	1644	1651	1658	rBV	457536	648007	16.63%	1.704%
16	12.875	1658	1664	1677	rVV2	245580	436914	11.21%	1.149%
17	12.987	1677	1683	1690	rVB	397672	566754	14.54%	1.490%
18	13.240	1719	1726	1737	rVB	229263	349330	8.96%	0.919%
19	13.834	1820	1827	1834	rBV	524958	699663	17.95%	1.840%
20	14.087	1863	1870	1882	rVB	191455	275957	7.08%	0.726%
21	14.363	1911	1917	1922	rBV	112403	167749	4.30%	0.441%
22	14.428	1922	1928	1937	rVB	470118	670431	17.20%	1.763%
23	14.622	1955	1961	1977	rBV	230679	421068	10.80%	1.107%
24	14.763	1977	1985	2003	rVB2	1440871	2153864	55.26%	5.663%
25	15.204	2052	2060	2067	rVB	850108	1053495	27.03%	2.770%
26	15.416	2089	2096	2107	rVB2	988473	1366807	35.07%	3.594%
27	15.863	2165	2172	2183	rBV	521923	705858	18.11%	1.856%
28	16.310	2242	2248	2259	rVB	586280	769335	19.74%	2.023%
29	17.116	2379	2385	2389	rBV	170337	253867	6.51%	0.668%
30	17.163	2389	2393	2400	rVV	520340	675378	17.33%	1.776%
31	17.251	2402	2408	2422	rVB	377814	504759	12.95%	1.327%
32	19.139	2723	2729	2742	rBV	1784123	2255804	57.87%	5.931%
33	19.492	2781	2789	2797	rBV	1499579	1898965	48.72%	4.993%
34	19.692	2817	2823	2832	rBV	1352050	1629432	41.80%	4.284%
35	20.369	2933	2938	2943	rBV	1080546	1153336	29.59%	3.033%
36	20.927	3029	3033	3044	rBV6	52438	93513	2.40%	0.246%

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Start Thrs: 0.2 Max Peaks: 100
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37	21.127	3062	3067	3072	rBV	2296757	2408166	61.78%	6.332%
38	21.204	3074	3080	3088	rVV2	1028144	1601677	41.09%	4.211%
39	22.027	3214	3220	3226	rVB	1024166	1267398	32.52%	3.332%
40	22.839	3350	3358	3361	rBV	1055306	1914060	49.11%	5.033%
41	22.892	3361	3367	3383	rVB	2317558	3897745	100.00%	10.249%
42	23.451	3452	3462	3469	rBV	1727496	3378686	86.68%	8.884%
43	23.539	3471	3477	3484	rVB2	225660	434817	11.16%	1.143%
44	24.115	3570	3575	3583	rVB3	53886	108664	2.79%	0.286%

Sum of corrected areas: 38031496

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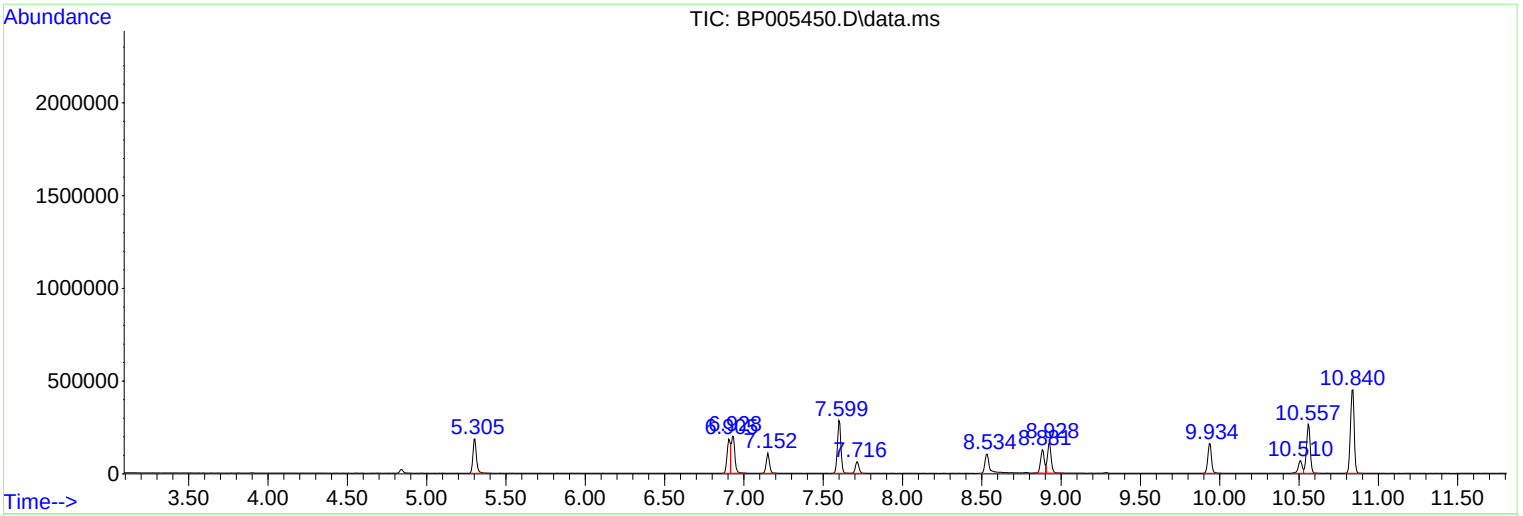
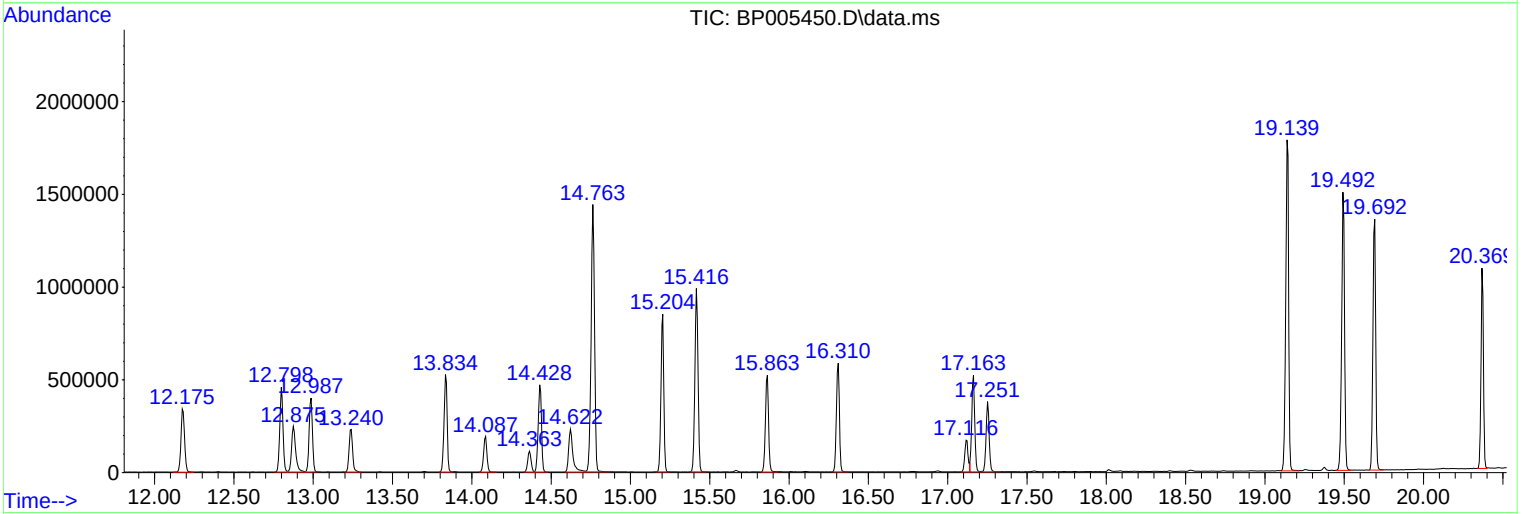
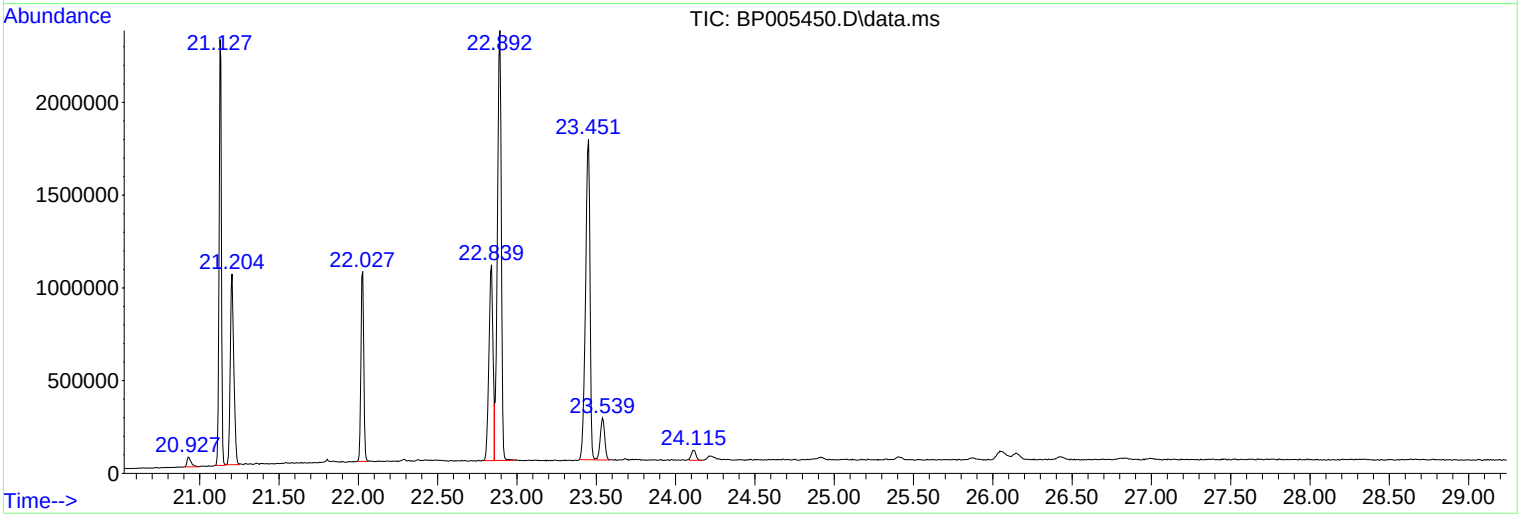
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







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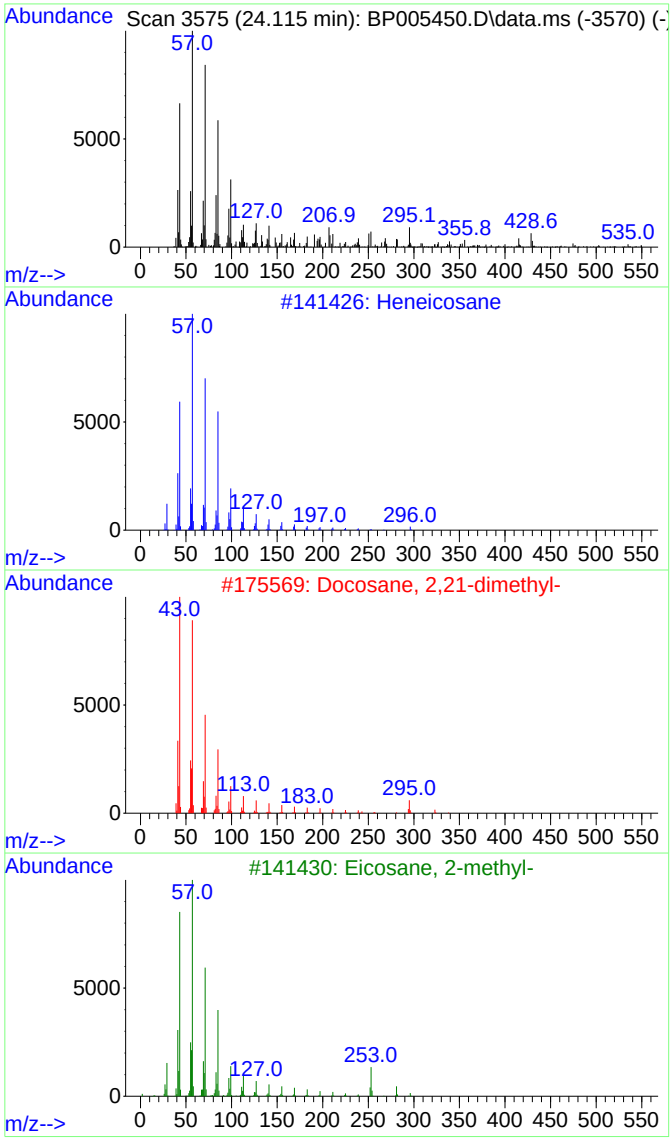
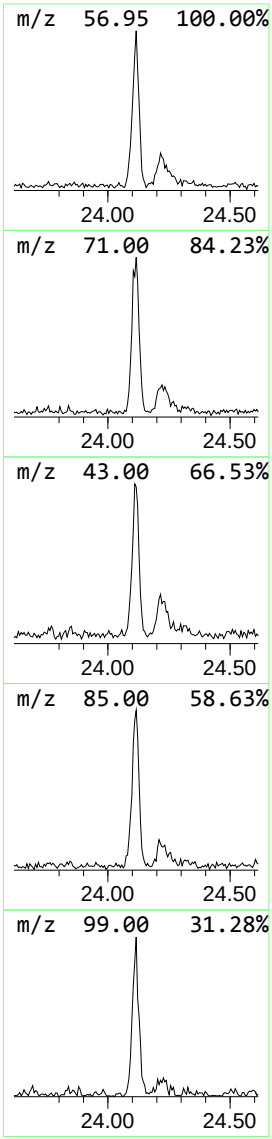
Peak Number 1 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.116	5.00 ng	108664	Perylene-d12	23.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Docosane, 2,21-dimethyl-	338	C24H50	077536-31-3	91
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	89
4	Tetracosane	338	C24H50	000646-31-1	89
5	Heptadecane, 8,8-dipentyl-	380	C27H56	055282-28-5	89





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Heneicosane	24.116	5.0	ng	108664	6	23.539	434817	20.0