LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
Data File : BN022842.D
Acq On : 23 Nov 2022 01:54
Operator : CG/JU
Sample : N5593-02
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : H0AD0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_N\Methods\SFAM-EPA-BN111522.M
Title : SVOA CALIBRATION

Signal : TIC: BN022842.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.134	21	25	30	rBV	94945	144133	4.89%	0.552%
2	3.617	104	107	127	rBV	82483	153332	5.20%	0.587%
3	3.840	139	145	152	rBV2	8095	16195	0.55%	0.062%
4	3.946	159	163	168	rVB2	4231	6453	0.22%	0.025%
5	4.481	248	254	267	rBV	416847	696958	23.66%	2.669%
6	5.711	457	463	471	rBV	4409	8020	0.27%	0.031%
7	7.011	678	684	692	rBV	82035	136951	4.65%	0.524%
8	7.175	705	712	726	rBV	287902	461499	15.66%	1.767%
9	7.299	730	733	738	rVV3	2792	5297	0.18%	0.020%
10	7.369	738	745	755	rVV	288890	464455	15.76%	1.779%
11	7.840	817	825	837	rBV	274075	455068	15.45%	1.743%
12	8.569	942	949	965	rBV	248823	413579	14.04%	1.584%
13	9.022	1018	1026	1035	rBV	385649	625597	21.23%	2.396%
14	9.399	1086	1090	1097	rVB5	1822	3619	0.12%	0.014%
15	9.746	1142	1149	1164	rBV	320779	517248	17.56%	1.981%
16	10.287	1234	1241	1260	rBV	420029	731117	24.82%	2.800%
17	10.663	1297	1305	1314	rBV	420013	711299	24.14%	2.724%
18	10.810	1323	1330	1345	rBV	370768	670919	22.77%	2.569%
19	12.269	1573	1578	1585	rVB	4678	8638	0.29%	0.033%
20	13.934	1854	1861	1876	rVB	977588	1370253	46.51%	5.248%
21	14.210	1901	1908	1921	rBV	994583	1448850	49.18%	5.548%
22	14.516	1953	1960	1973	rBV	675301	987385	33.51%	3.781%
23	14.740	1992	1998	2019	rBV	75118	153923	5.22%	0.589%
24	14.934	2027	2031	2032	rBV3	2511	3568	0.12%	0.014%
25	14.957	2032	2035	2041	rVB2	3125	4058	0.14%	0.016%
26	15.510	2122	2129	2135	rBV	1399802	1929368	65.49%	7.389%
27	15.563	2135	2138	2144	rVB4	9508	13108	0.44%	0.050%
28	15.640	2145	2151	2165	rVV	545799	759489	25.78%	2.909%
29	15.751	2167	2170	2174	rVB2	4600	5802	0.20%	0.022%
30	17.269	2421	2428	2435	rBV	878600	1195608	40.58%	4.579%
31	17.369	2439	2445	2456	rBV2	1630071	2323635	78.87%	8.899%
32	17.663	2489	2495	2502	rBV5	9967	24241	0.82%	0.093%
33	17.934	2538	2541	2546	rBV3	2973	3955	0.13%	0.015%
34	18.163	2575	2580	2587	rBV	81484	111454	3.78%	0.427%
35	18.234	2587	2592	2595	rVV	33096	50943	1.73%	0.195%
36	18.263	2595	2597	2604	rVB	21839	29108	0.99%	0.111%

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Title : SVOA CALIBRATION

37	19.234	2758	2762	2769	rBV2	19084	28003	0.95%	0.107%
38	19.304	2770	2774	2787	rBV	22615	45838	1.56%	0.176%
39	19.445	2794	2798	2804	rBV	45878	64418	2.19%	0.247%
40	19.592	2820	2823	2826	rBV3	5167	6007	0.20%	0.023%
41	19.675	2830	2837	2848	rVV	2057986	2717857	92.25%	10.408%
42	21.192	3090	3095	3105	rBV2	126581	248424	8.43%	0.951%
43	21.475	3137	3143	3156	rBV	1103260	1393383	47.30%	5.336%
44	22.569	3325	3329	3334	rBV	47168	63444	2.15%	0.243%
45	22.704	3348	3352	3359	rVB2	70594	105867	3.59%	0.405%
46	23.116	3418	3422	3427	rVB	64285	98595	3.35%	0.378%
47	23.716	3515	3524	3536	rBV2	1351644	2946128	100.00%	11.282%
48	23.869	3543	3550	3558	rVB2	661422	1292284	43.86%	4.949%
49	24.457	3645	3650	3661	rVB2	97619	213708	7.25%	0.818%
50	25.298	3788	3793	3806	rVB2	101045	243410	8.26%	0.932%

Sum of corrected areas: 26112491

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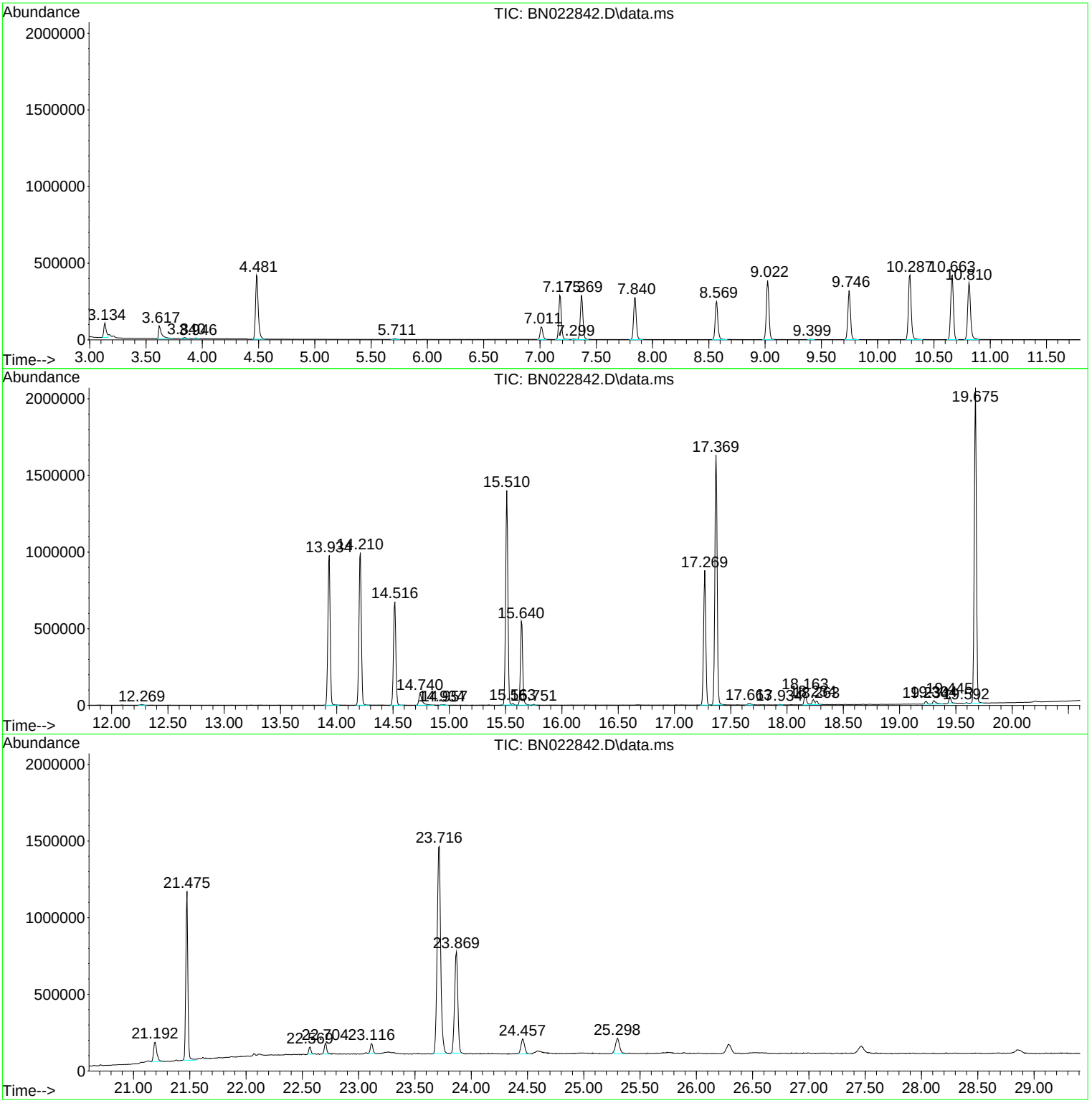
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

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



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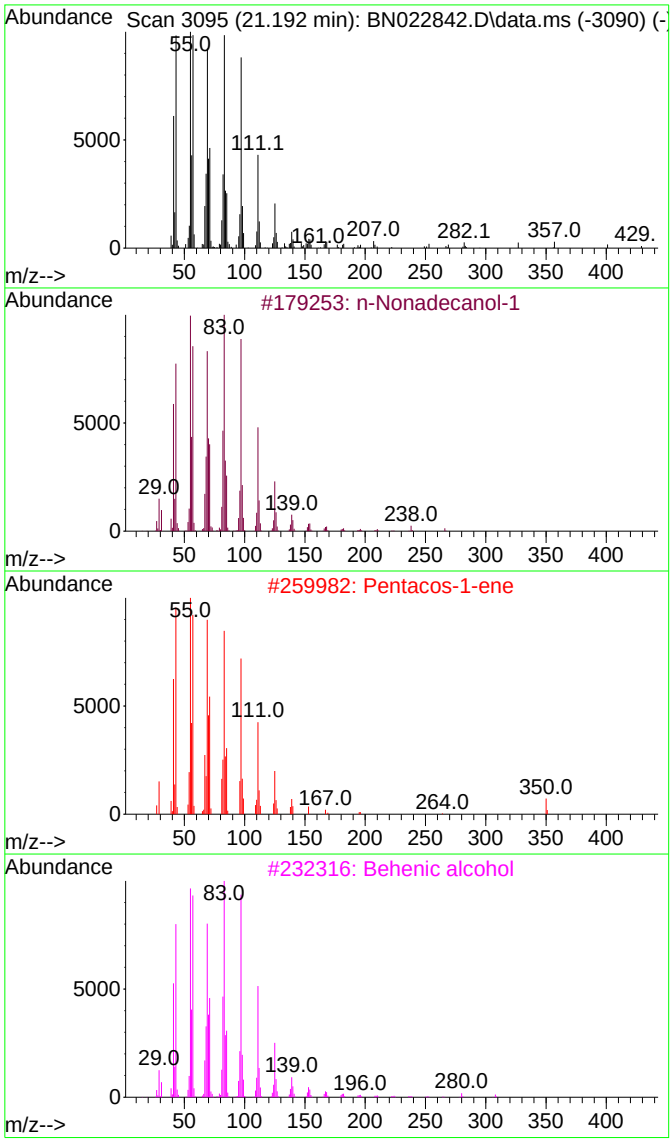
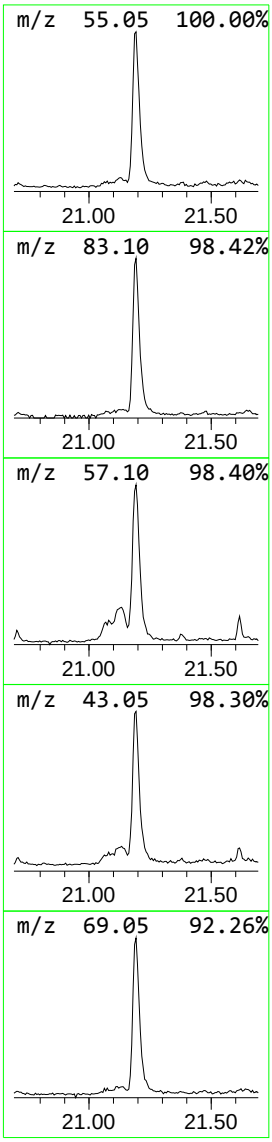
****
Peak Number 2 n-Nonadecanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	3.57 ng/ul	248424	Chrysene-d12	21.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
2	Pentacos-1-ene	350	C25H50	016980-85-1	94
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93





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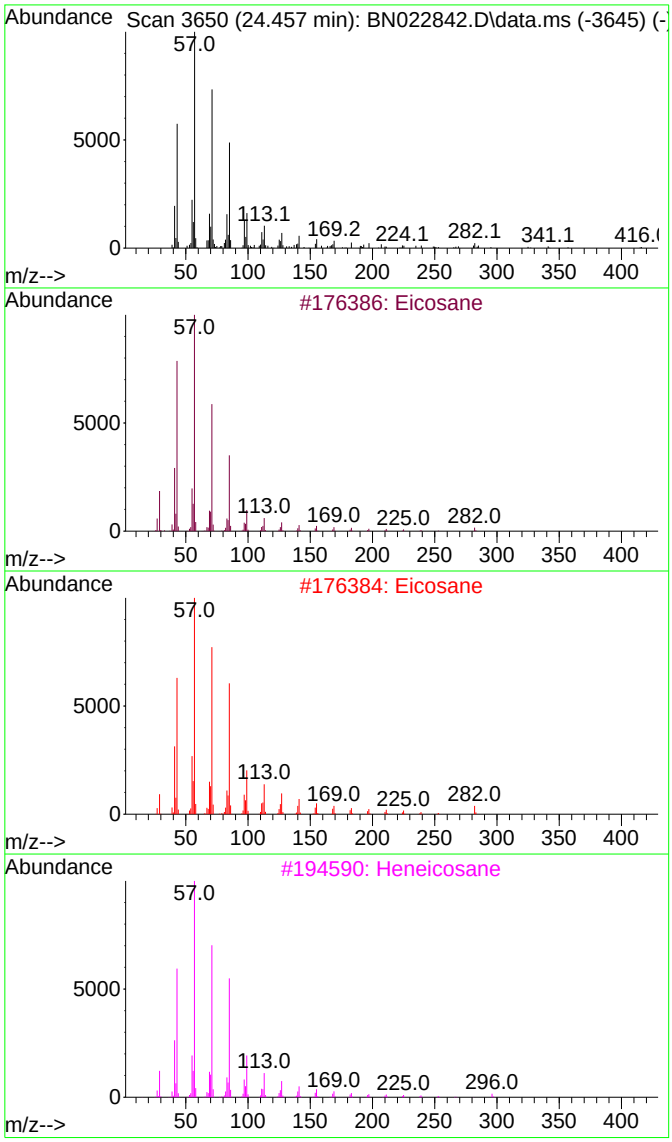
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

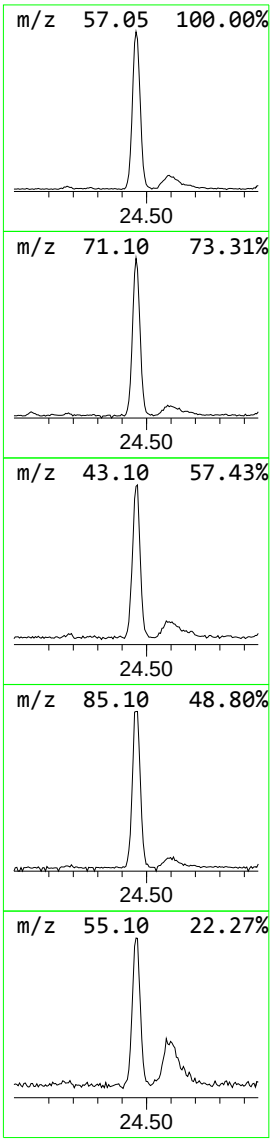
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.457	3.31 ng/ul	213708	Perylene-d12	23.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Eicosane	282	C20H42	000112-95-8	95
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91





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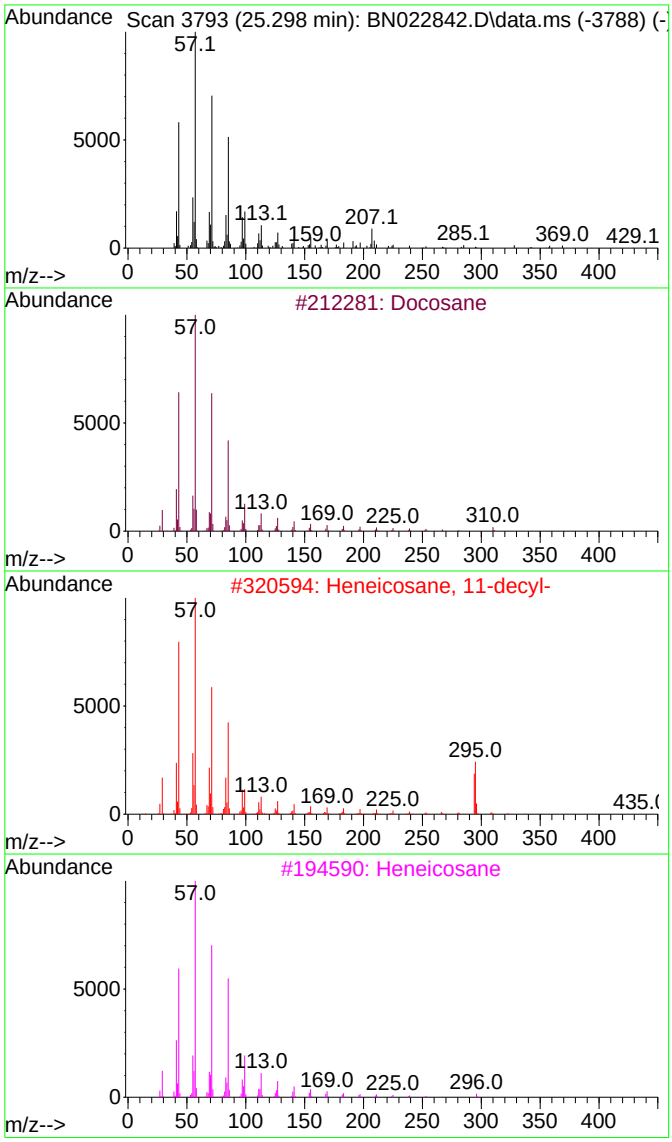
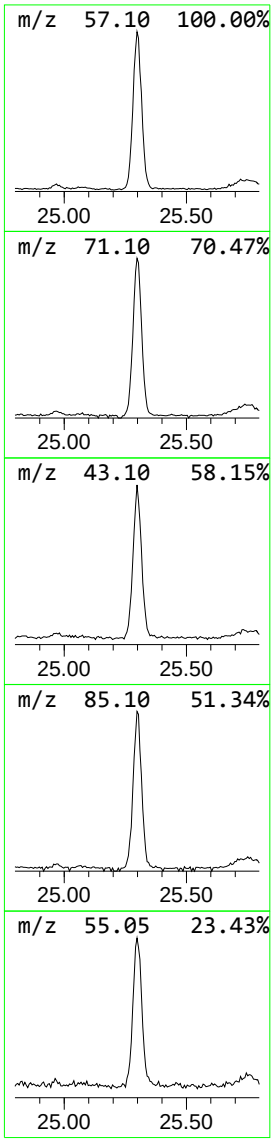
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.298	3.77 ng/ul	243410	Perylene-d12	23.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	87
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	87
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Nonadecanol-1	21.192	3.6	ng/ul	248424	5	21.475	1393380	20.0
(DEL) Alkane: S...	24.457	3.3	ng/ul	213708	6	23.869	1292280	20.0
(DEL) Alkane: S...	25.298	3.8	ng/ul	243410	6	23.869	1292280	20.0