LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009870.D
Acq On : 24 Feb 2020 19:15
Operator : CG/JU
Sample : L1582-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDK2

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\SOM-EPA-BN021220MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.034	5	8	18	rVB	27031	43605	1.47%	0.153%
2	3.352	60	62	67	rBV5	2824	3878	0.13%	0.014%
3	3.522	89	91	95	rBV5	2248	3731	0.13%	0.013%
4	3.717	120	124	129	rBV3	6259	7775	0.26%	0.027%
5	3.805	138	139	145	rVB3	2537	3173	0.11%	0.011%
6	6.593	608	613	626	rBV	101721	195995	6.59%	0.686%
7	6.746	634	639	652	rBV	393515	629332	21.17%	2.202%
8	6.928	664	670	685	rBV	443745	731358	24.60%	2.558%
9	7.387	742	748	762	rVB	416823	671122	22.58%	2.348%
10	7.481	762	764	768	rBV3	4396	4459	0.15%	0.016%
11	8.105	864	870	884	rBV	300403	529942	17.83%	1.854%
12	8.534	936	943	960	rBV	544012	947589	31.88%	3.315%
13	8.734	975	977	983	rVB3	2195	3013	0.10%	0.011%
14	8.975	1011	1018	1022	rVB	5755	7692	0.26%	0.027%
15	9.240	1057	1063	1078	rBV	443837	768428	25.85%	2.688%
16	9.487	1102	1105	1111	rBV4	1509	3056	0.10%	0.011%
17	9.775	1148	1154	1177	rBV	458396	993369	33.42%	3.475%
18	10.134	1205	1215	1229	rBV	578294	937482	31.54%	3.279%
19	10.334	1244	1249	1259	rBV5	8914	24857	0.84%	0.087%
20	11.769	1488	1493	1500	rVB4	5044	9901	0.33%	0.035%
21	13.457	1773	1780	1786	rBV	1137463	1623894	54.63%	5.681%
22	13.504	1786	1788	1795	rVB	47161	62721	2.11%	0.219%
23	13.716	1817	1824	1834	rBV	1242555	1838905	61.86%	6.433%
24	14.028	1871	1877	1887	rBV	832000	1195487	40.22%	4.182%
25	14.292	1917	1922	1932	rBV	32738	82383	2.77%	0.288%
26	14.539	1961	1964	1970	rVB3	2032	3241	0.11%	0.011%
27	14.922	2026	2029	2035	rBV2	4078	4639	0.16%	0.016%
28	15.034	2041	2048	2062	rBV	1589610	2363011	79.50%	8.266%
29	15.192	2070	2075	2087	rBV	523202	861794	28.99%	3.015%
30	15.281	2087	2090	2097	rVB4	22797	34806	1.17%	0.122%
31	15.786	2174	2176	2180	rBV3	3282	4066	0.14%	0.014%
32	15.822	2180	2182	2185	rVB2	4145	4590	0.15%	0.016%
33	16.786	2340	2346	2356	rVB	1011241	1377938	46.36%	4.820%
34	16.886	2356	2363	2377	rBV	1856964	2637371	88.73%	9.226%

LSC Area Percent Report

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Acq On : 24 Feb 2020 19:15
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Sample : L1582-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDK2

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\SOM-EPA-BN021220MA.M
Title : SVOA CALIBRATION

35	17.716	2499	2504	2514	rBV4	35192	62175	2.09%	0.218%
36	18.216	2585	2589	2595	rVB4	1775	4087	0.14%	0.014%
37	18.833	2689	2694	2697	rBV	15354	22131	0.74%	0.077%
38	19.016	2721	2725	2728	rBV5	12716	16757	0.56%	0.059%
39	19.080	2732	2736	2742	rVV	14365	15891	0.53%	0.056%
40	19.192	2749	2755	2768	rBV2	2162290	2972513	100.00%	10.398%
41	19.622	2825	2828	2829	rBV3	4273	4084	0.14%	0.014%
42	19.751	2848	2850	2854	rVB4	6906	8326	0.28%	0.029%
43	20.016	2891	2895	2897	rBV4	4452	5056	0.17%	0.018%
44	20.745	3015	3019	3026	rBV2	208374	297249	10.00%	1.040%
45	20.810	3026	3030	3034	rVB	48238	70396	2.37%	0.246%
46	21.004	3058	3063	3073	rBV	1058053	1457197	49.02%	5.098%
47	21.192	3093	3095	3099	rVB4	23135	24660	0.83%	0.086%
48	21.616	3163	3167	3174	rBV5	44513	81848	2.75%	0.286%
49	22.045	3237	3240	3245	rBV	60266	63418	2.13%	0.222%
50	22.510	3316	3319	3324	rVB	75131	100545	3.38%	0.352%
51	22.974	3391	3398	3404	rBV	1695257	2843971	95.68%	9.949%
52	23.027	3404	3407	3413	rVB	112967	170283	5.73%	0.596%
53	23.104	3414	3420	3430	rVB	828297	1465087	49.29%	5.125%
54	23.610	3502	3506	3512	rVB	91855	148929	5.01%	0.521%
55	24.274	3615	3619	3626	rVB4	66755	136927	4.61%	0.479%

Sum of corrected areas: 28586133

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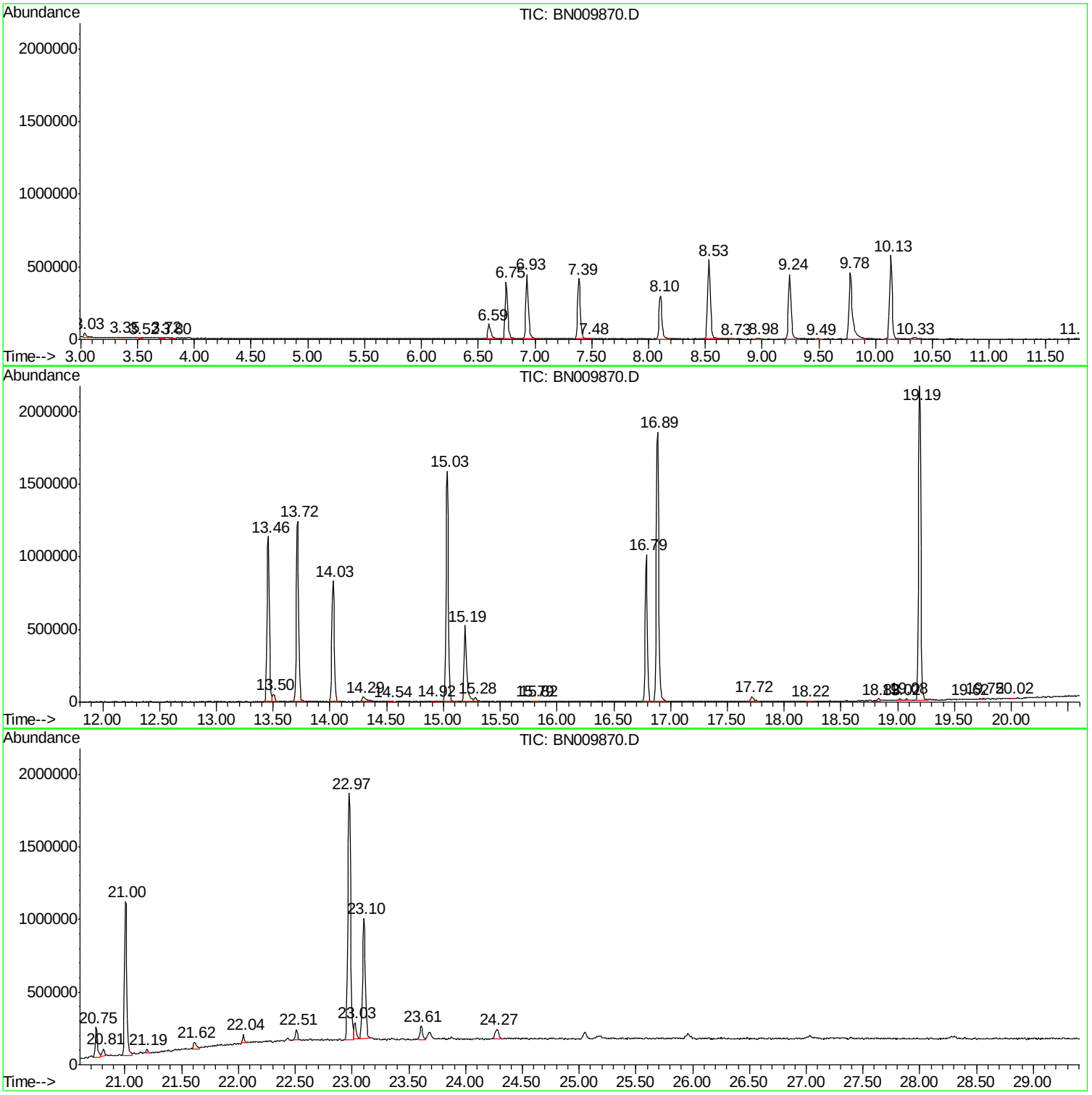
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDK2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
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Acq On : 24 Feb 2020 19:15
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Quant Title : SVOA CALIBRATION

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

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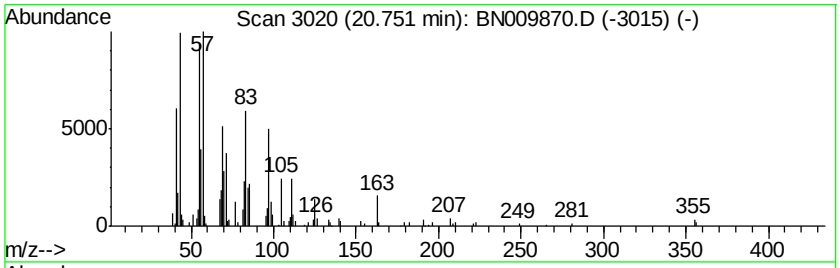
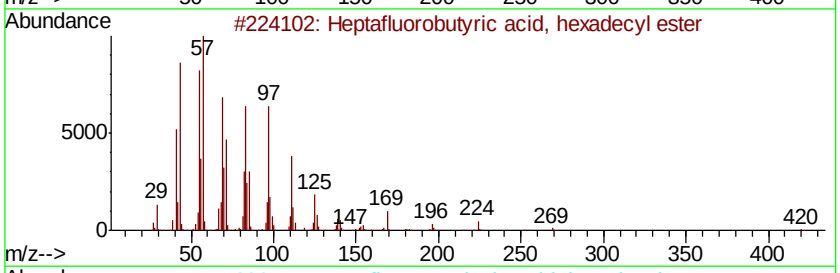
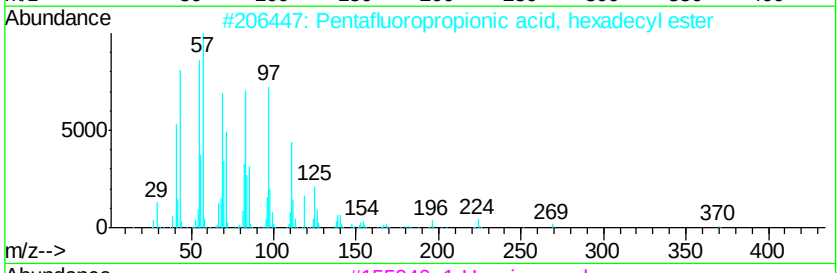
Peak Number 1 Heptafluorobutyric acid, he... Concentration Rank 1

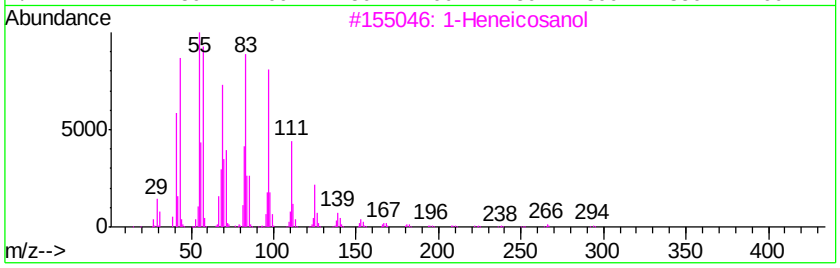
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	4.08 ng/ul	297249	Chrysene-d12	21.00

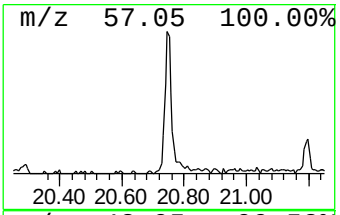
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91

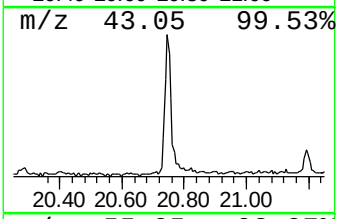


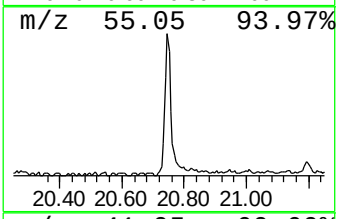


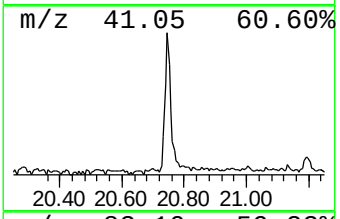


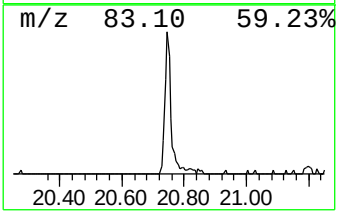












Library Search Compound Report

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Misc :
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Instrument : BNA_N
ClientSampleId : DBDK2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

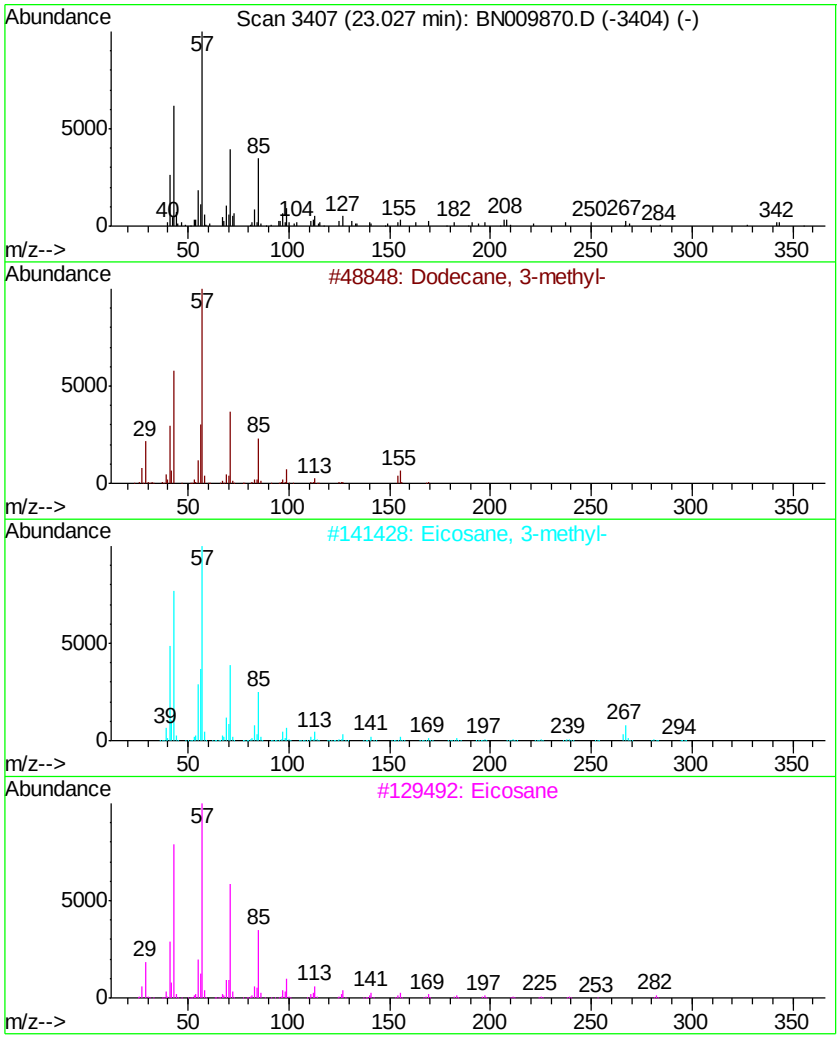
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

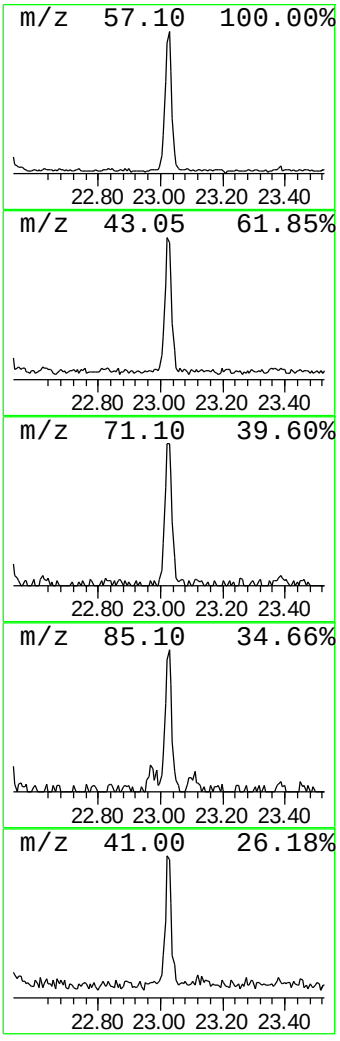
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	2.32 ng/ul	170283	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
2	Eicosane, 3-methyl-	296	C21H44	006418-46-8	72
3	Eicosane	282	C20H42	000112-95-8	72
4	Tetracosane	338	C24H50	000646-31-1	72
5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	72





Library Search Compound Report

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDK2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

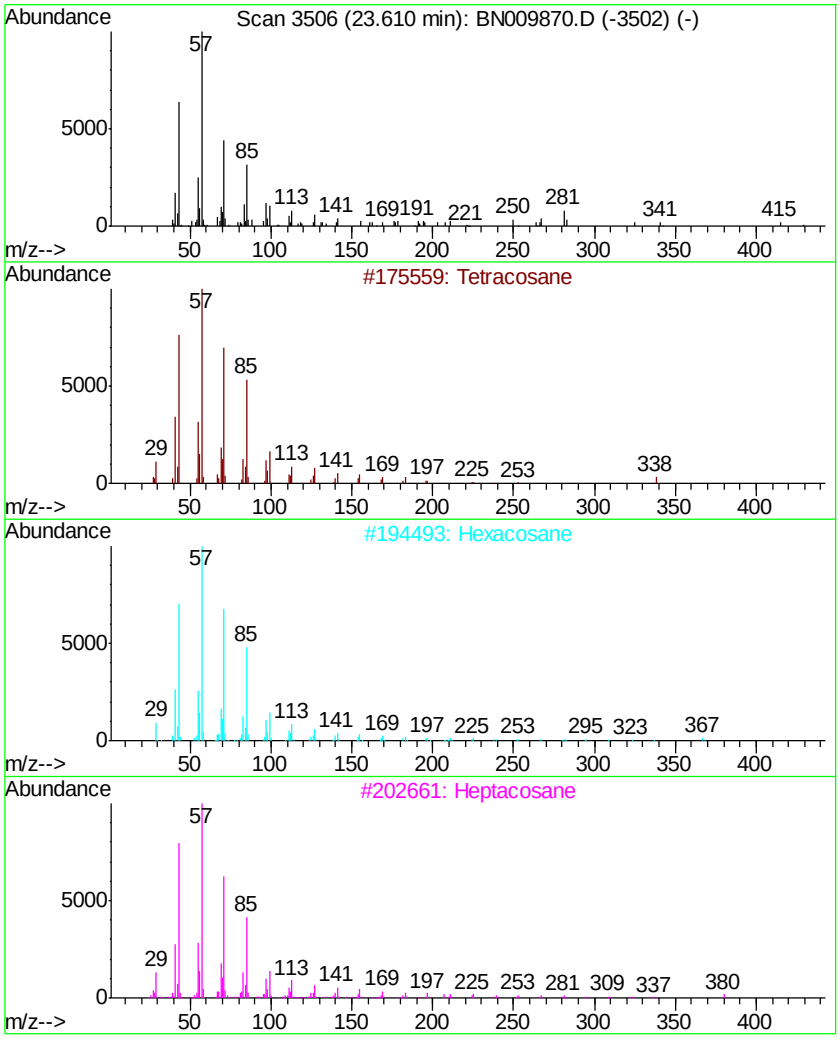
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

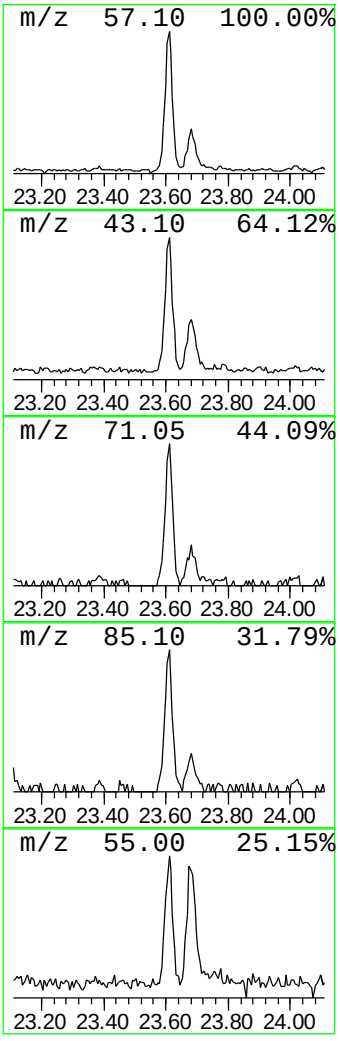
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.61	2.03 ng/ul	148929	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	76
2	Hexacosane	366	C26H54	000630-01-3	68
3	Heptacosane	380	C27H56	000593-49-7	68
4	2-methyloctacosane	408	C29H60	1000376-72-8	64
5	Octacosane	394	C28H58	000630-02-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
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ClientSampleId : DBDK2

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Quant Title : SVOA 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
Heptafluorobutyri...	20.75	4.1	ng/ul	297249	5	21.00	1457200	20.0
(DEL) Alkane: Str...	23.03	2.3	ng/ul	170283	6	23.10	1465090	20.0
(DEL) Alkane: Str...	23.61	2.0	ng/ul	148929	6	23.10	1465090	20.0