LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005820.D
Acq On : 21 May 2019 03:15
Operator : JU/SJ
Sample : K2693-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHF5

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-BN051819MA.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	6.769	639	643	653	rVB	102802	208882	5.26%	0.585%
2	6.916	663	668	680	rVB	384620	636104	16.01%	1.783%
3	7.111	695	701	714	rVB	456288	804927	20.26%	2.256%
4	7.569	773	779	790	rBV	483689	825076	20.77%	2.313%
5	8.287	895	901	914	rBV	335813	650200	16.37%	1.822%
6	8.716	968	974	987	rVB	553550	971956	24.46%	2.724%
7	9.434	1090	1096	1109	rVB	441684	802599	20.20%	2.250%
8	9.975	1182	1188	1214	rBV	453598	1227718	30.90%	3.441%
9	10.328	1242	1248	1256	rBV	697804	1198261	30.16%	3.358%
10	11.693	1475	1480	1484	rVB4	10549	18939	0.48%	0.053%
11	11.951	1522	1524	1531	rVB3	6325	12295	0.31%	0.034%
12	12.804	1667	1669	1675	rBV4	4362	5232	0.13%	0.015%
13	13.187	1731	1734	1739	rBV4	3496	6316	0.16%	0.018%
14	13.628	1803	1809	1825	rVB	1416797	2065110	51.98%	5.788%
15	13.898	1848	1855	1867	rBV	1674932	2449032	61.64%	6.864%
16	14.210	1901	1908	1919	rBV2	1184642	1865291	46.95%	5.228%
17	14.298	1919	1923	1930	rVB3	27347	37005	0.93%	0.104%
18	14.504	1951	1958	1972	rBV6	35079	128027	3.22%	0.359%
19	14.898	2019	2025	2031	rBV2	17555	26227	0.66%	0.074%
20	15.022	2041	2046	2049	rBV3	5375	6571	0.17%	0.018%
21	15.210	2072	2078	2093	rBV	2078452	3146400	79.19%	8.819%
22	15.381	2102	2107	2116	rBV	188623	329595	8.30%	0.924%
23	15.457	2116	2120	2126	rVB2	23449	35309	0.89%	0.099%
24	15.587	2138	2142	2147	rBV4	3783	5558	0.14%	0.016%
25	15.998	2207	2212	2216	rVB5	5792	9554	0.24%	0.027%
26	16.569	2304	2309	2313	rBV2	10984	14497	0.36%	0.041%
27	16.757	2337	2341	2348	rVB2	4774	7087	0.18%	0.020%
28	16.969	2371	2377	2387	rVB2	1600760	2222662	55.94%	6.230%
29	17.069	2387	2394	2412	rVB2	2393110	3582798	90.18%	10.042%
30	17.263	2422	2427	2433	rVB3	2772	4926	0.12%	0.014%
31	17.645	2487	2492	2498	rBV	466971	542551	13.66%	1.521%
32	17.886	2529	2533	2537	rBV6	9898	15498	0.39%	0.043%
33	17.951	2540	2544	2553	rVB2	10019	18263	0.46%	0.051%
34	18.122	2570	2573	2579	rVB5	5798	8500	0.21%	0.024%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005820.D
Acq On : 21 May 2019 03:15
Operator : JU/SJ
Sample : K2693-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHF5

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-BN051819MA.M
Title : SVOA CALIBRATION

35	18.945	2707	2713	2714	rBV3	3055	4058	0.10%	0.011%
36	19.022	2720	2726	2730	rBV	21844	30008	0.76%	0.084%
37	19.186	2751	2754	2758	rBV4	4741	8028	0.20%	0.023%
38	19.275	2763	2769	2773	rVV	17602	25422	0.64%	0.071%
39	19.386	2782	2788	2802	rVV	2854209	3973083	100.00%	11.136%
40	19.639	2827	2831	2834	rBV5	4110	6457	0.16%	0.018%
41	19.945	2877	2883	2884	rBV5	5818	8073	0.20%	0.023%
42	20.245	2931	2934	2935	rVV3	4337	4156	0.10%	0.012%
43	20.451	2967	2969	2971	rBV3	7941	6800	0.17%	0.019%
44	20.798	3026	3028	3030	rBV3	6339	5671	0.14%	0.016%
45	20.922	3046	3049	3053	rVB5	12338	14653	0.37%	0.041%
46	21.122	3080	3083	3085	rBV3	11491	12142	0.31%	0.034%
47	21.204	3091	3097	3108	rBV	1430385	2116038	53.26%	5.931%
48	21.363	3121	3124	3128	rVB	35201	41116	1.03%	0.115%
49	21.792	3194	3197	3201	rVB2	71933	73105	1.84%	0.205%
50	22.245	3270	3274	3281	rBV	120331	149708	3.77%	0.420%
51	22.739	3354	3358	3363	rVB	134326	182059	4.58%	0.510%
52	23.269	3441	3448	3464	rBV2	1602282	3157455	79.47%	8.850%
53	23.410	3465	3472	3482	rVB	918909	1754142	44.15%	4.917%
54	23.910	3553	3557	3565	rVB	117131	217437	5.47%	0.609%

Sum of corrected areas: 35678577

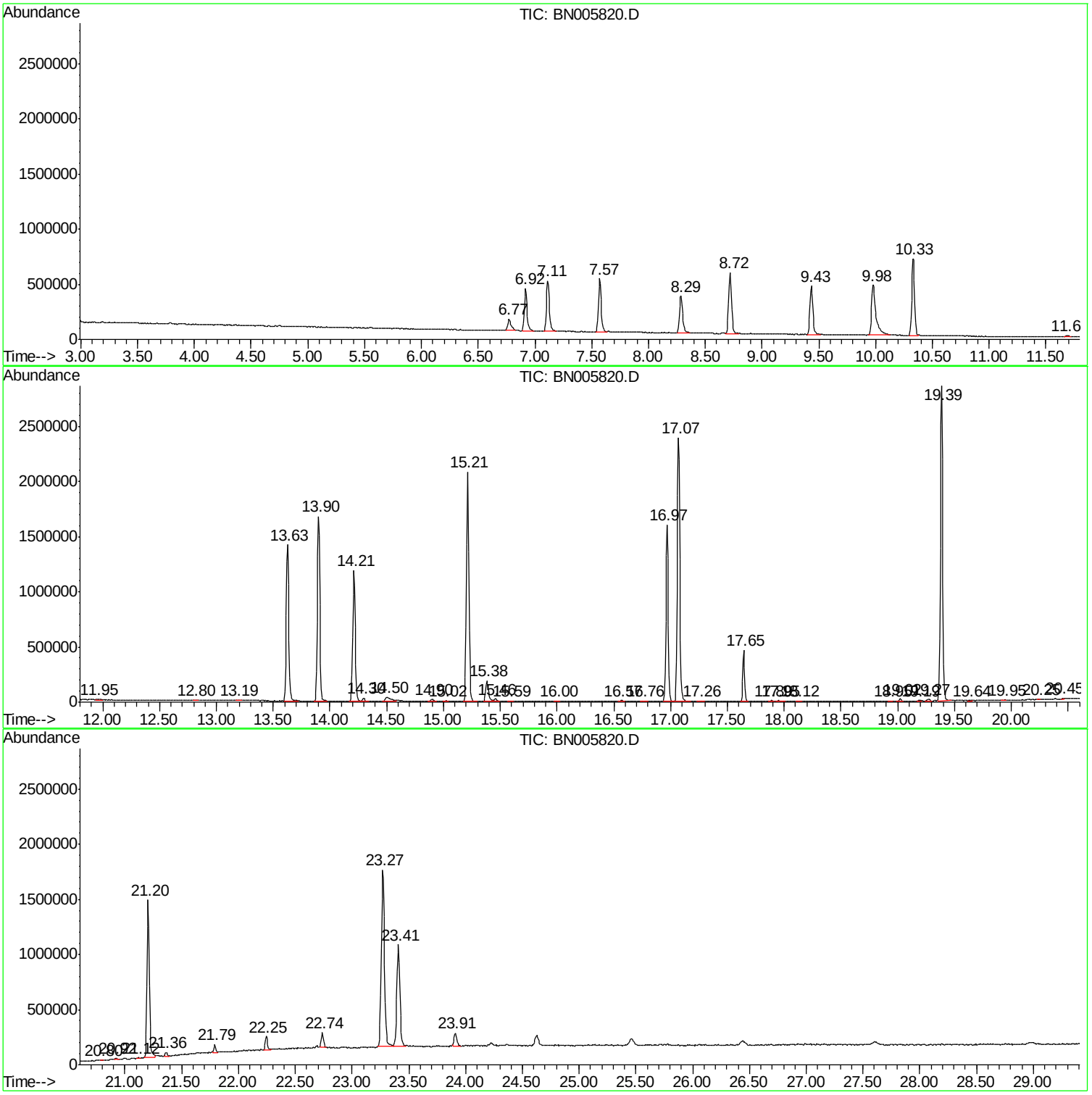
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005820.D
Acq On : 21 May 2019 03:15
Operator : JU/SJ
Sample : K2693-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005820.D
Acq On : 21 May 2019 03:15
Operator : JU/SJ
Sample : K2693-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

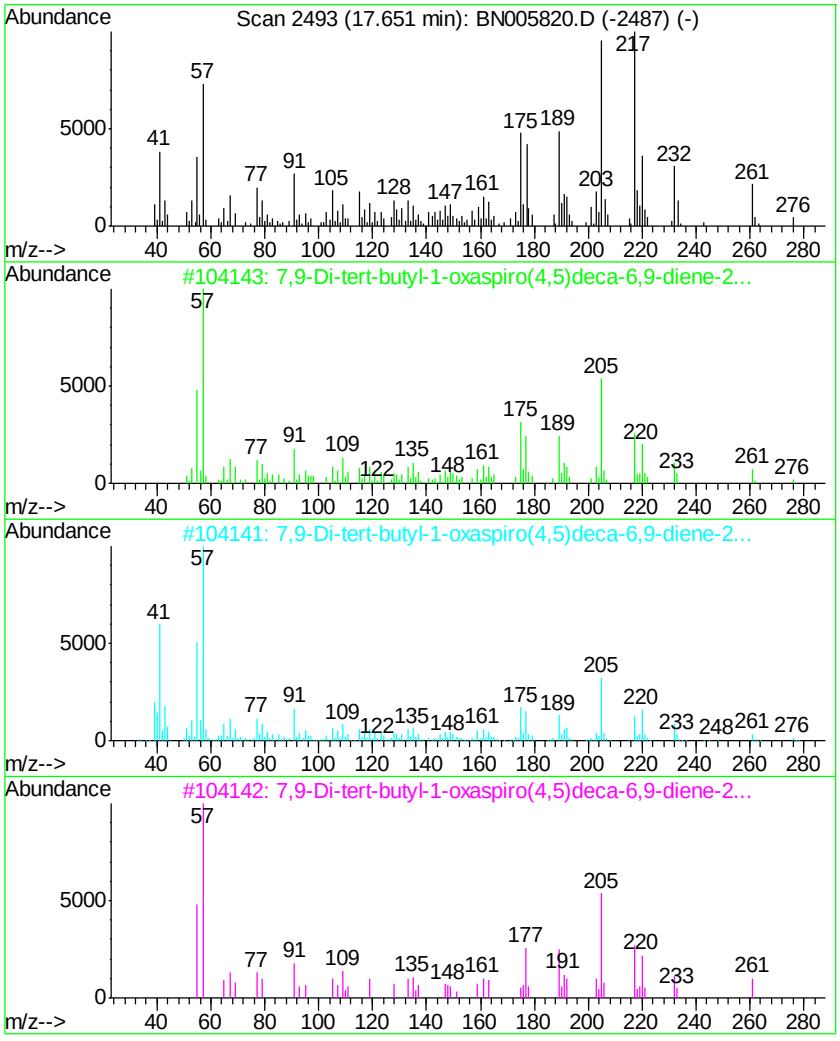
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

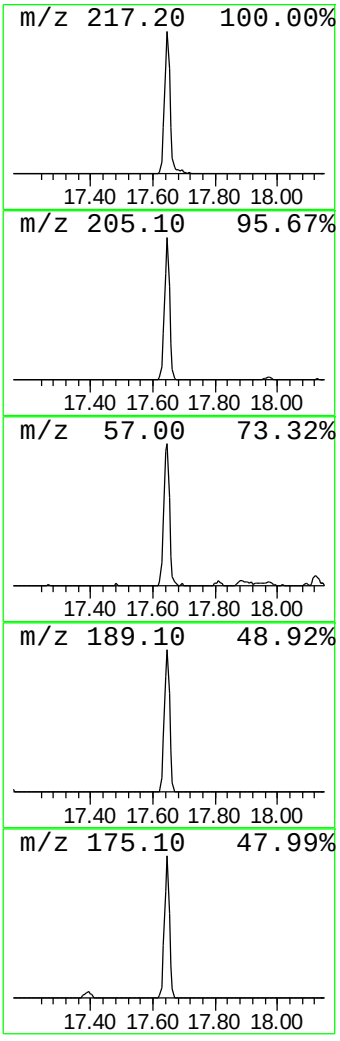
****

Peak Number 1 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	4.88 ng/ul	542551	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	97
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	89
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	60
4	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	47
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005820.D
Acq On : 21 May 2019 03:15
Operator : JU/SJ
Sample : K2693-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

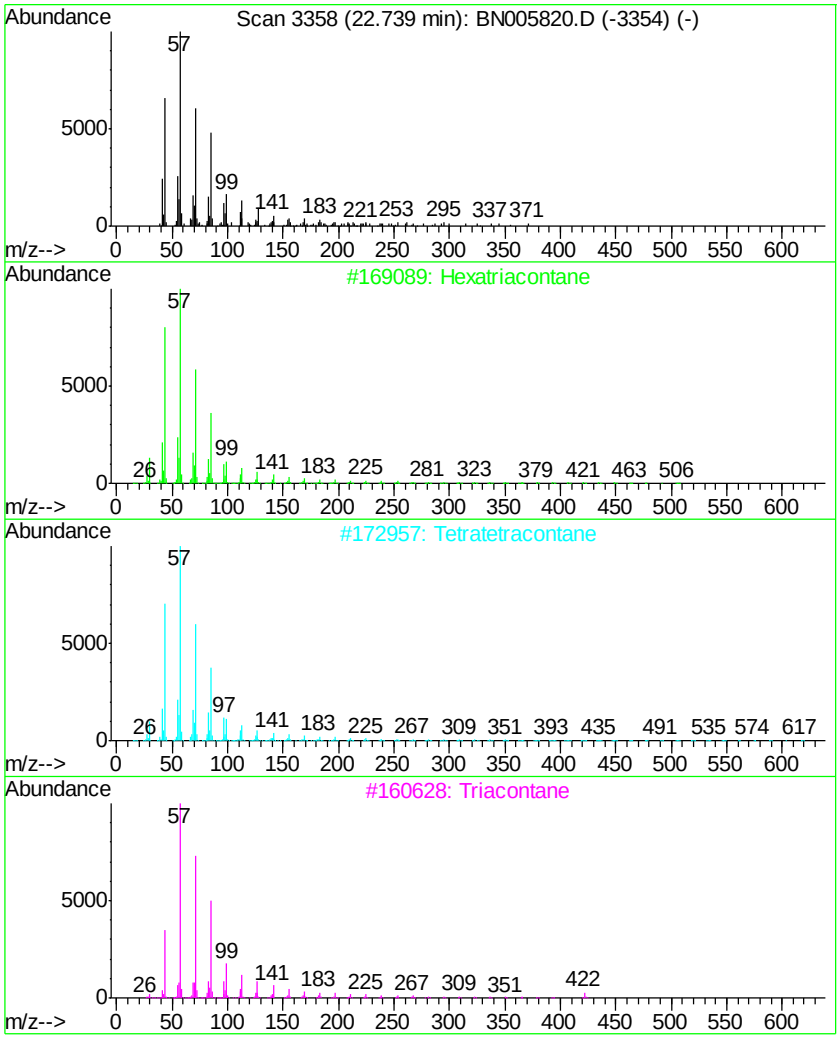
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

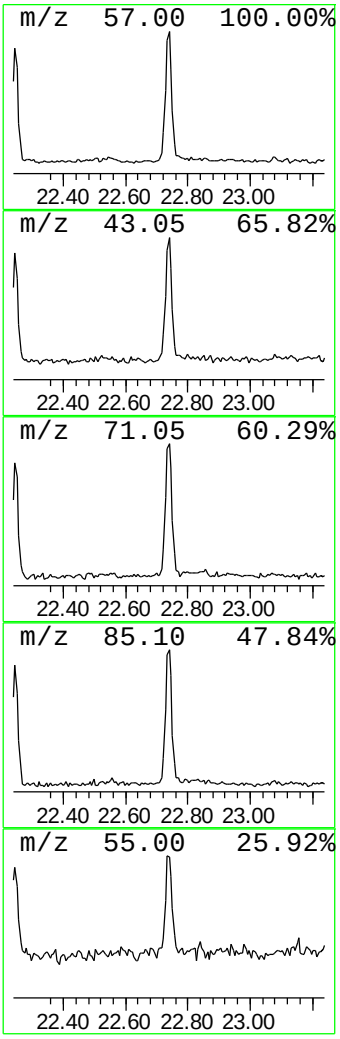
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	2.08 ng/ul	182059	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005820.D
Acq On : 21 May 2019 03:15
Operator : JU/SJ
Sample : K2693-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

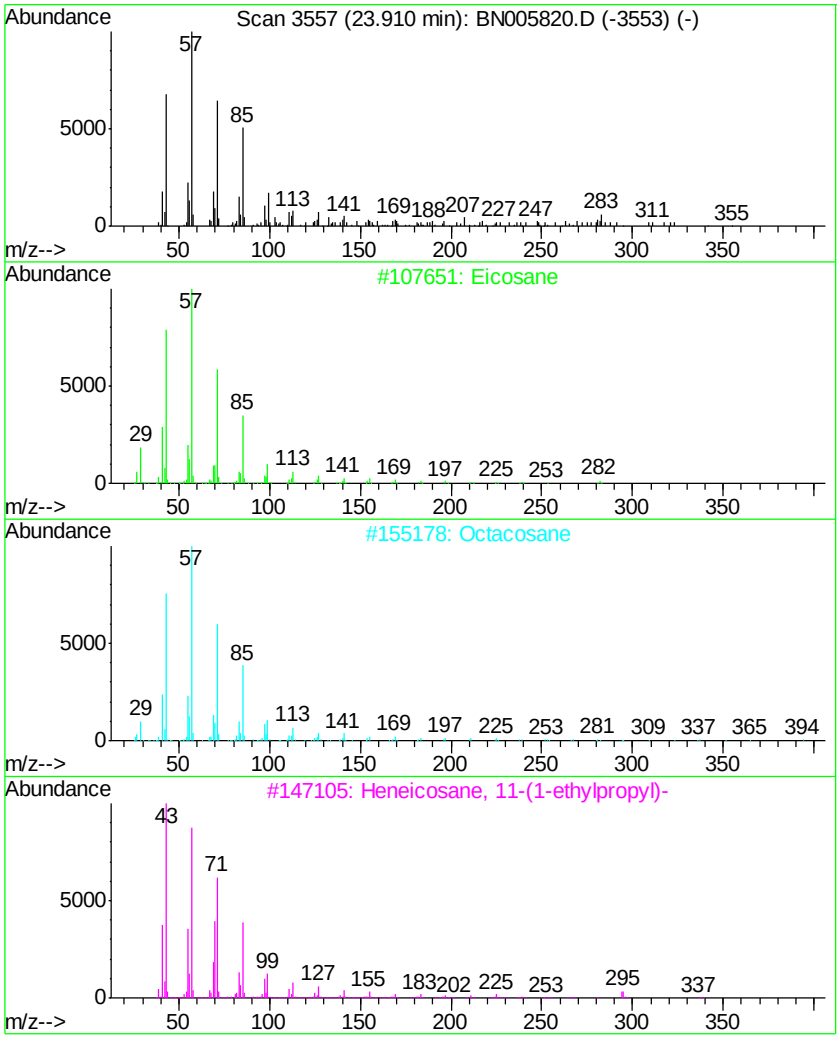
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

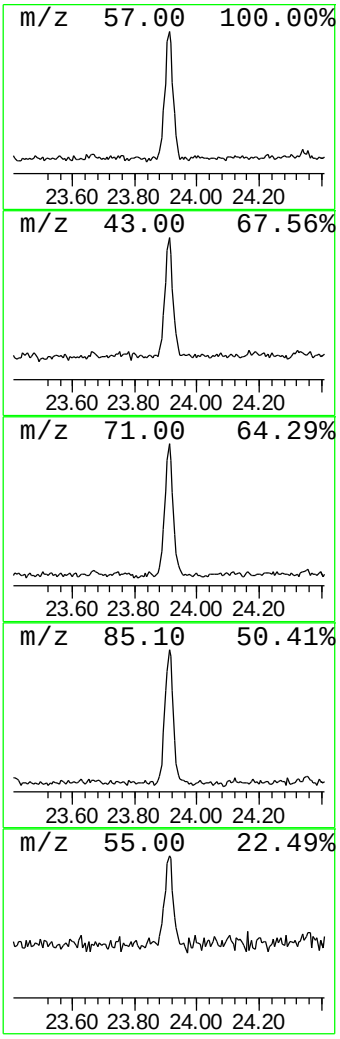
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.91	2.48 ng/ul	217437	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Octacosane	394	C28H58	000630-02-4	90
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Tetracosane	338	C24H50	000646-31-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052019\
Data File : BN005820.D
Acq On : 21 May 2019 03:15
Operator : JU/SJ
Sample : K2693-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFHF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
7,9-Di-tert-butyl...	17.65	4.9	ng/ul	542551	4	16.97	2222660	20.0
(DEL) Alkane: Str...	22.74	2.1	ng/ul	182059	6	23.41	1754140	20.0
(DEL) Alkane: Str...	23.91	2.5	ng/ul	217437	6	23.41	1754140	20.0