LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021819\
Data File : BN004448.D
Acq On : 18 Feb 2019 18:15
Operator : JU/SJ
Sample : K1491-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB573

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-BN020719MA.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	3.158	26	29	38	rBB	19525	24859	2.40%	0.513%
2	4.693	287	290	292	rBB	1763	1546	0.15%	0.032%
3	4.787	302	306	310	rBB	5675	6674	0.64%	0.138%
4	7.740	803	808	815	rBB	72059	113469	10.95%	2.339%
5	10.528	1275	1282	1290	rBB	129760	209740	20.25%	4.324%
6	14.381	1931	1937	1944	rBB2	260032	385014	37.16%	7.938%
7	14.975	2033	2038	2044	rBB2	1065	2283	0.22%	0.047%
8	15.263	2083	2087	2091	rBV2	4551	6979	0.67%	0.144%
9	15.610	2142	2146	2152	rBV3	3682	7898	0.76%	0.163%
10	15.892	2190	2194	2195	rBV	2740	3179	0.31%	0.066%
11	16.022	2210	2216	2223	rBV	18877	31982	3.09%	0.659%
12	16.104	2223	2230	2242	rBV4	12413	33474	3.23%	0.690%
13	16.198	2242	2246	2247	rBV3	3347	4059	0.39%	0.084%
14	16.345	2265	2271	2279	rBV5	6118	15401	1.49%	0.318%
15	16.422	2280	2284	2288	rBV	18740	24382	2.35%	0.503%
16	16.457	2288	2290	2291	rBV	2439	1705	0.16%	0.035%
17	16.528	2297	2302	2307	rBV4	5579	10783	1.04%	0.222%
18	16.733	2335	2337	2340	rVB2	9081	9256	0.89%	0.191%
19	16.922	2365	2369	2374	rVB2	25093	38674	3.73%	0.797%
20	17.128	2398	2404	2410	rBV2	414076	599522	57.87%	12.360%
21	17.528	2469	2472	2476	rVB	18109	25280	2.44%	0.521%
22	18.769	2680	2683	2688	rVB2	65490	92017	8.88%	1.897%
23	19.110	2738	2741	2748	rBV2	81552	164605	15.89%	3.394%
24	19.698	2838	2841	2846	rBV2	178698	275650	26.61%	5.683%
25	21.327	3115	3118	3133	rVB	709956	1035728	99.98%	21.354%
26	23.598	3498	3504	3512	rVB2	527158	1035968	100.00%	21.359%
27	24.651	3678	3683	3696	rVB3	131059	329372	31.79%	6.791%
28	25.327	3792	3798	3808	rVB	146102	360858	34.83%	7.440%

Sum of corrected areas: 4850357

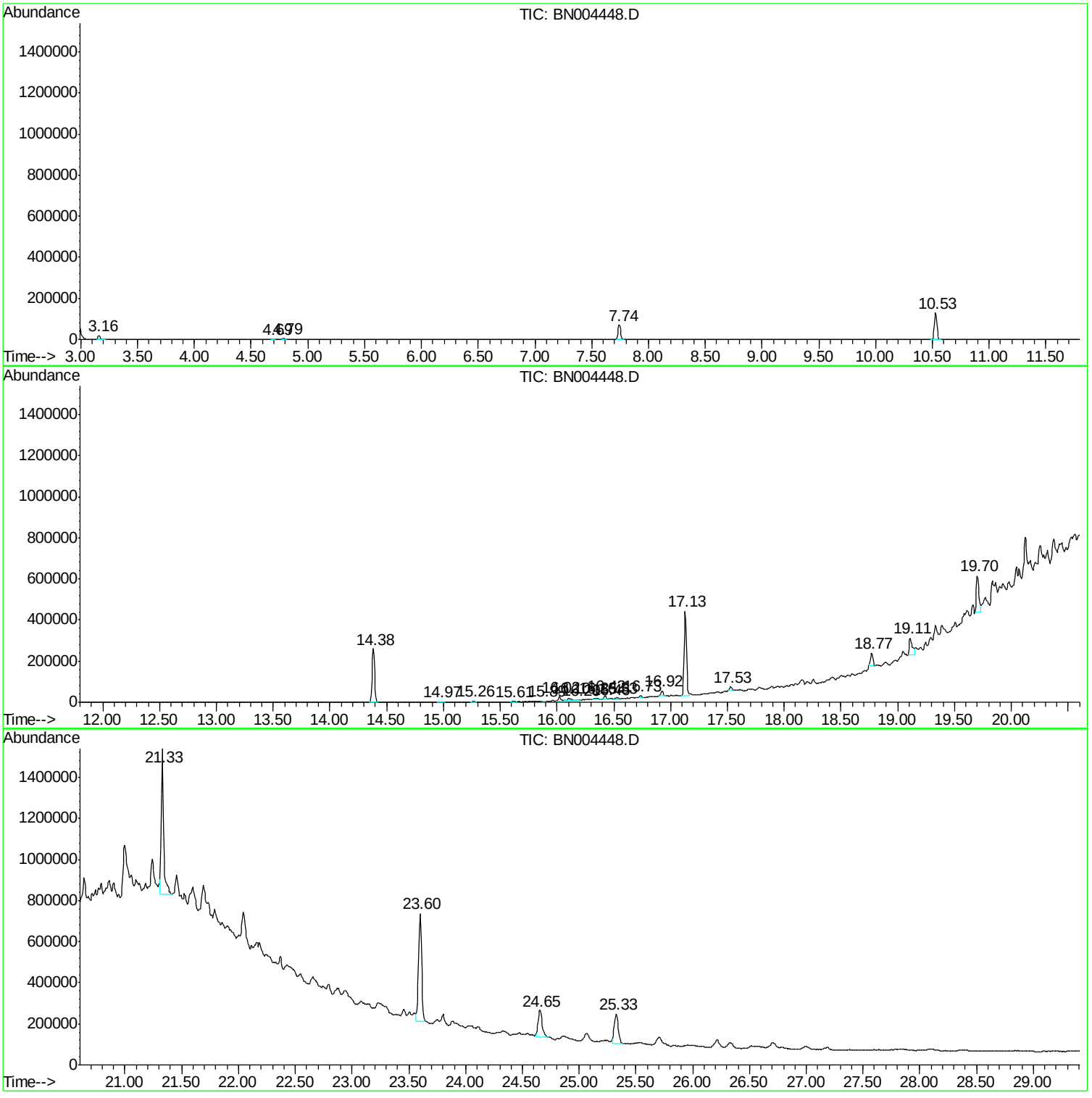
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021819\
Data File : BN004448.D
Acq On : 18 Feb 2019 18:15
Operator : JU/SJ
Sample : K1491-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB573

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.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\BN021819\
Data File : BN004448.D
Acq On : 18 Feb 2019 18:15
Operator : JU/SJ
Sample : K1491-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB573

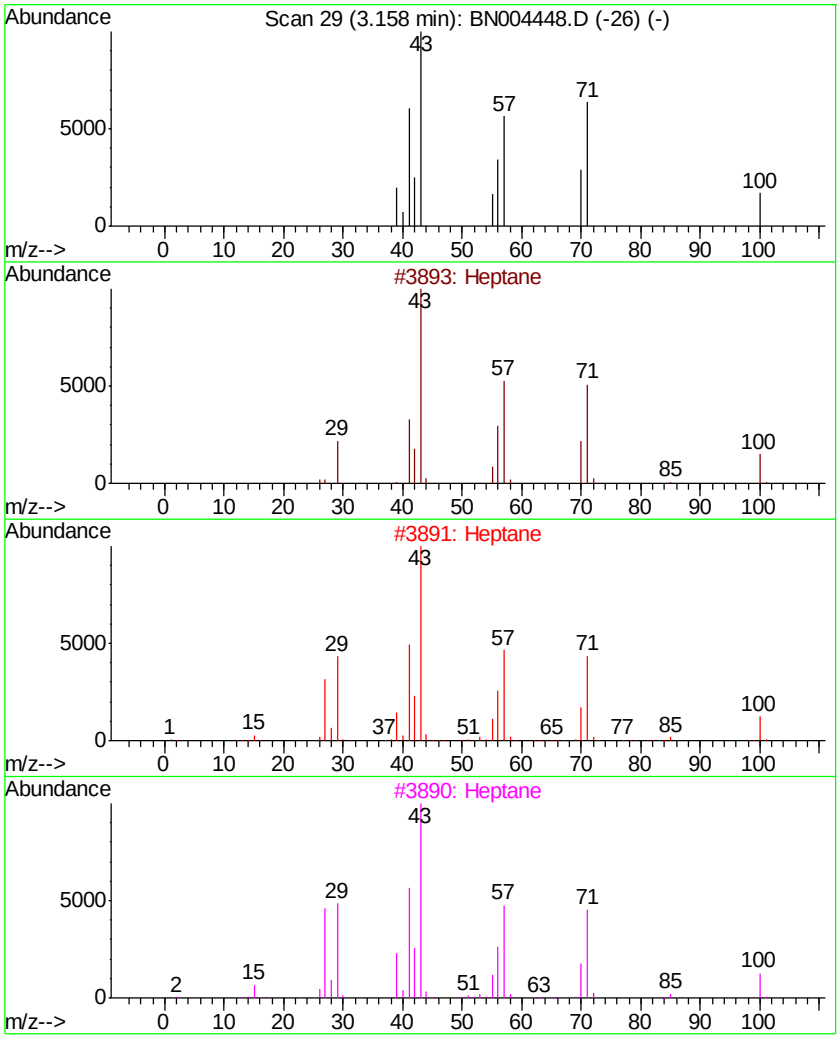
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

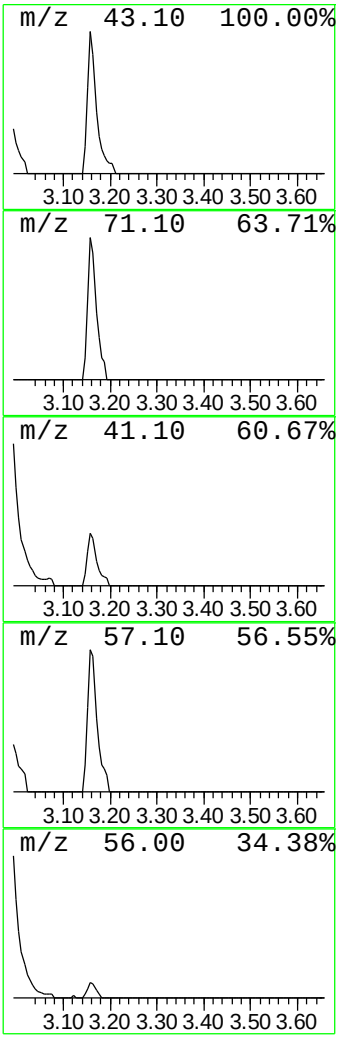
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	4.38 ng/ul	24859	1,4-Dichlorobenzene-d4	7.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	90
2	Heptane	100	C7H16	000142-82-5	86
3	Heptane	100	C7H16	000142-82-5	86
4	Heptane	100	C7H16	000142-82-5	80
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021819\
Data File : BN004448.D
Acq On : 18 Feb 2019 18:15
Operator : JU/SJ
Sample : K1491-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB573

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

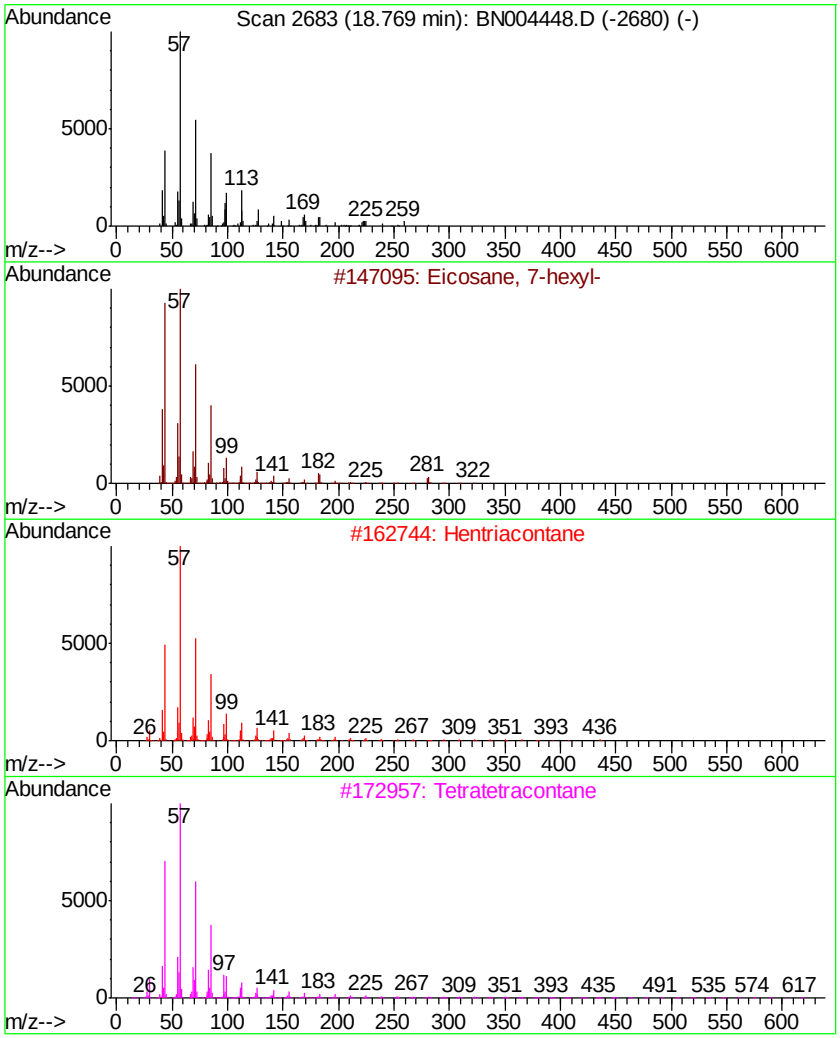
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

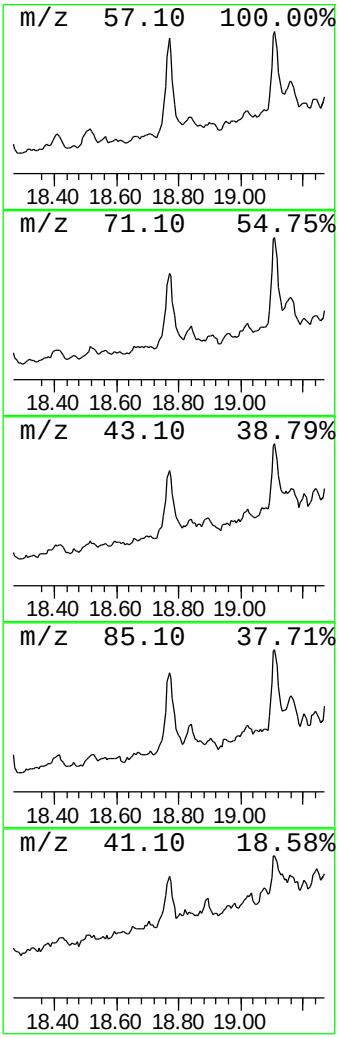
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	3.07 ng/ul	92017	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
2	Hentriacontane	437	C31H64	000630-04-6	86
3	Tetratetracontane	619	C44H90	007098-22-8	80
4	Triacontane	422	C30H62	000638-68-6	80
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021819\
Data File : BN004448.D
Acq On : 18 Feb 2019 18:15
Operator : JU/SJ
Sample : K1491-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB573

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

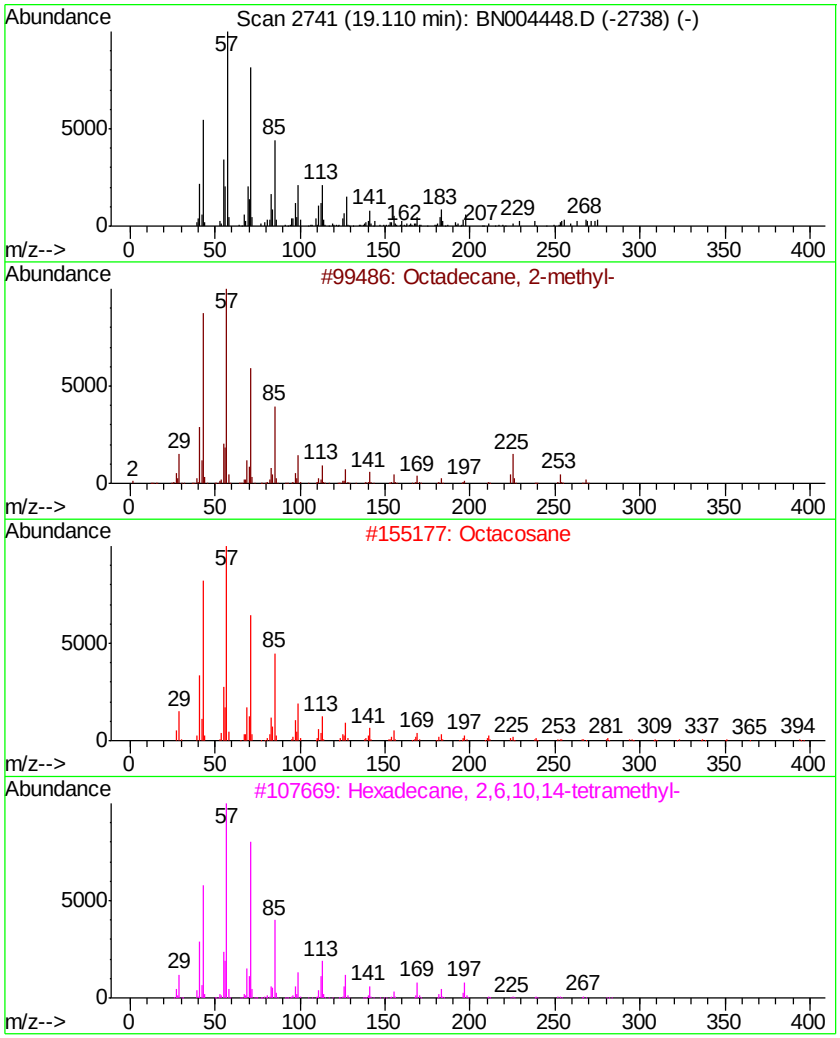
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

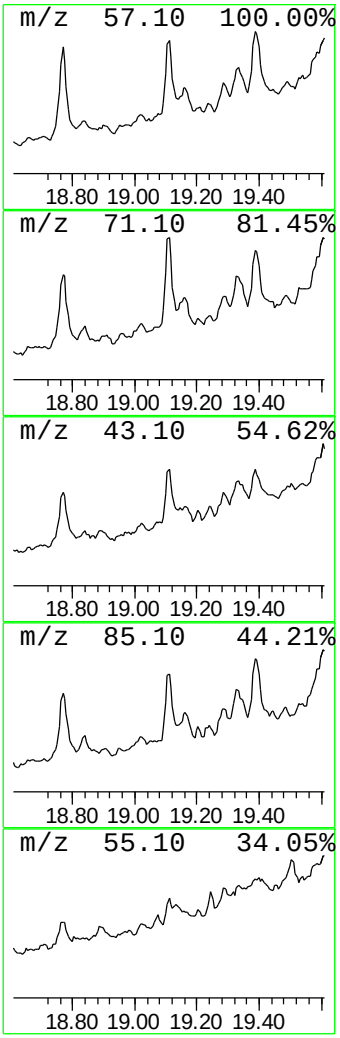
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	5.49 ng/ul	164605	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
2	Octacosane	394	C28H58	000630-02-4	87
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4	Nonadecane, 2,3-dimethyl-	296	C21H44	075163-99-4	83
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021819\
Data File : BN004448.D
Acq On : 18 Feb 2019 18:15
Operator : JU/SJ
Sample : K1491-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB573

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

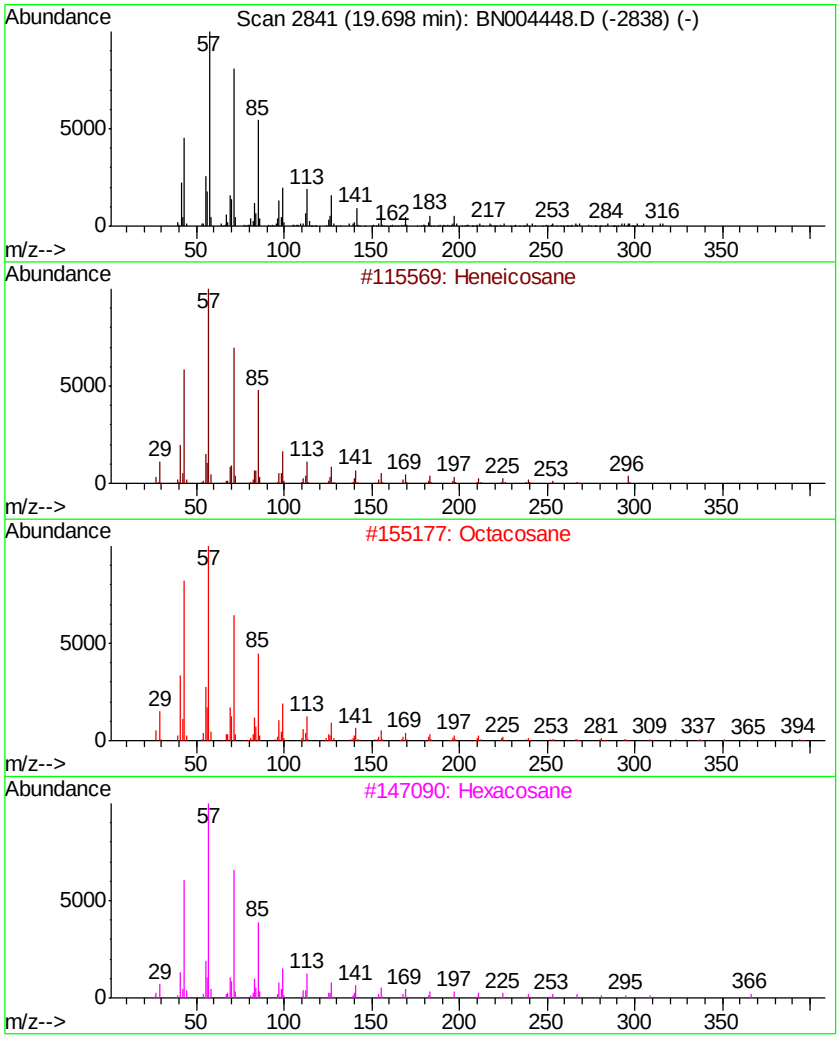
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

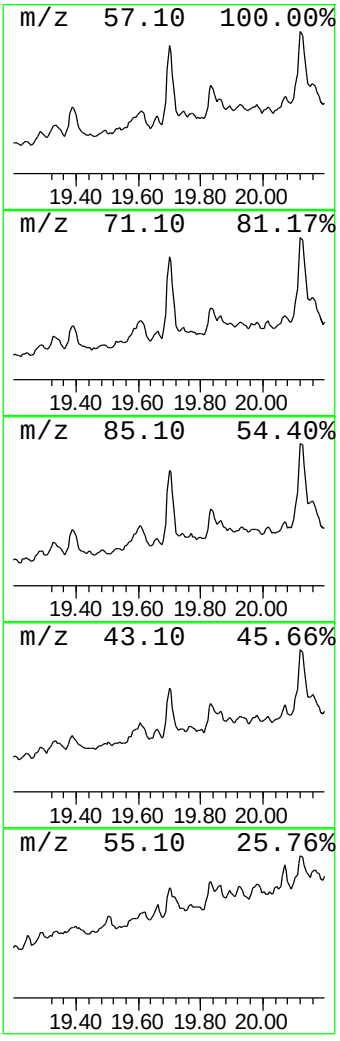
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	5.32 ng/ul	275650	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Docosane	310	C22H46	000629-97-0	91
5	Pentacosane	352	C25H52	000629-99-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021819\
Data File : BN004448.D
Acq On : 18 Feb 2019 18:15
Operator : JU/SJ
Sample : K1491-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB573

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

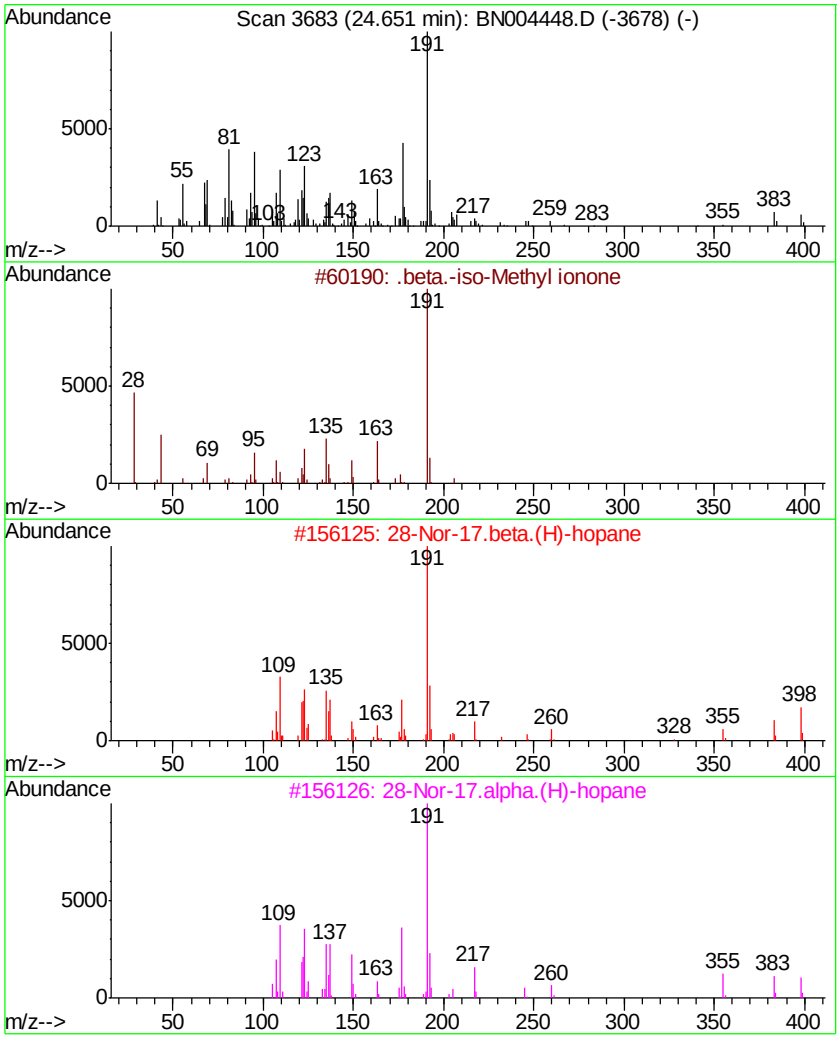
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

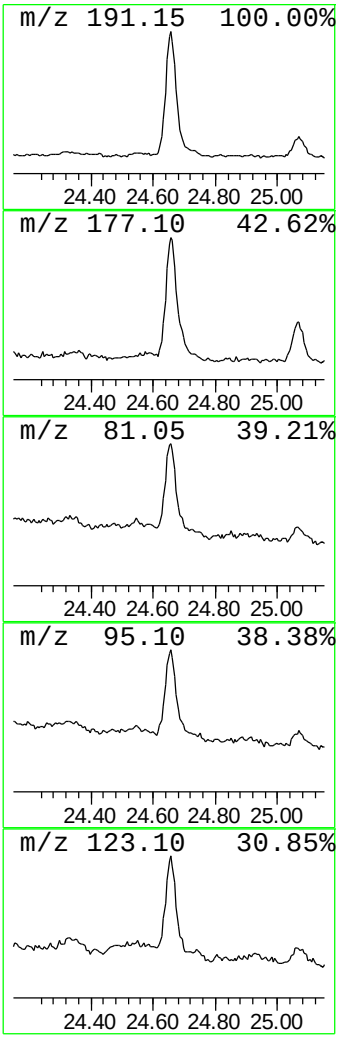
****

Peak Number 5 .beta.-iso-Methyl ionone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.65	6.36 ng/ul	329372	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	60
2	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	58
3	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	38
4	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
5	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021819\
Data File : BN004448.D
Acq On : 18 Feb 2019 18:15
Operator : JU/SJ
Sample : K1491-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB573

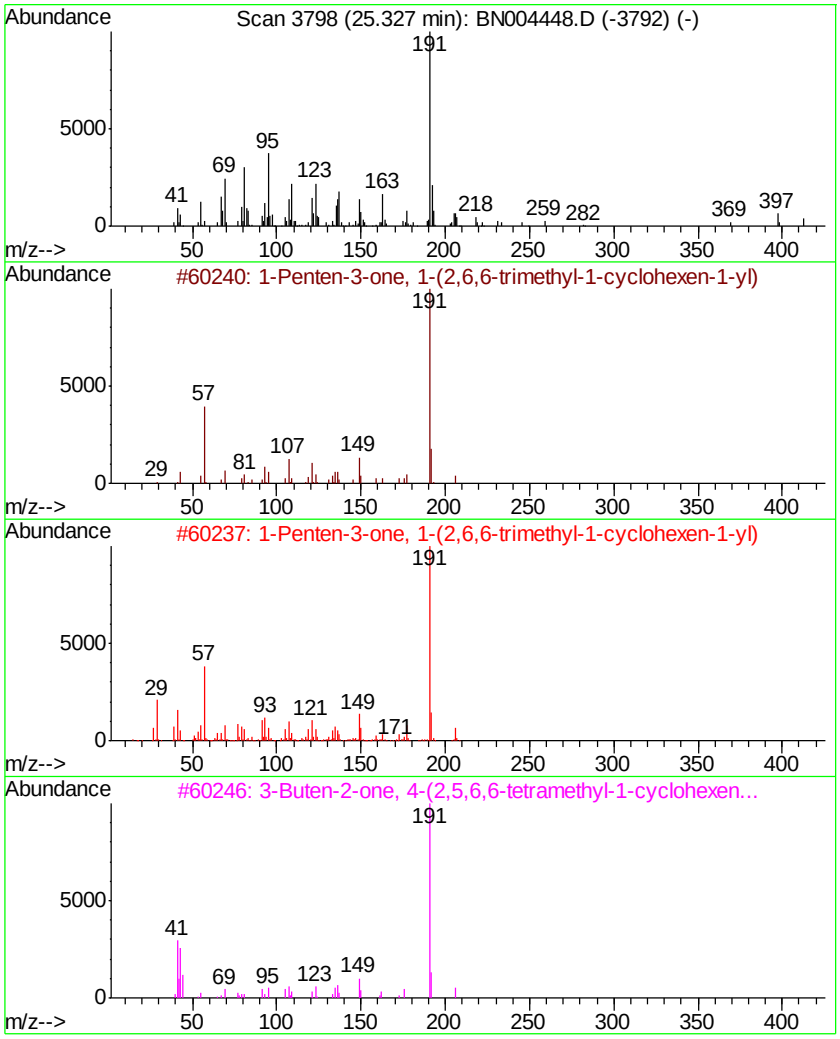
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

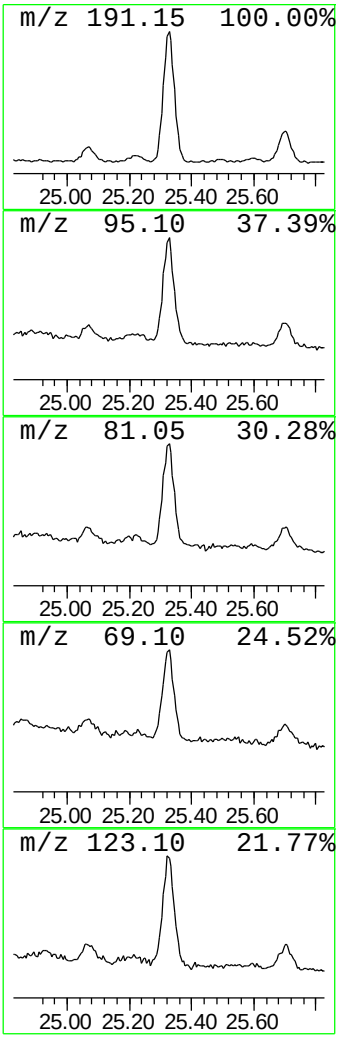
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Penten-3-one, 1-(2,6,6-tr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.33	6.97 ng/ul	360858	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	64
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	53
3	3-Buten-2-one, 4-(2,5,6,6-tetram...	206	C14H22O	000079-70-9	46
4	Silane, [4-(1,1-dimethylethyl)ph...	206	C13H22Si	018412-68-5	46
5	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021819\
Data File : BN004448.D
Acq On : 18 Feb 2019 18:15
Operator : JU/SJ
Sample : K1491-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB573

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.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
(DEL) Alkane: Str...	3.16	4.4	ng/ul	24859	1	7.74	113469	20.0
(DEL) Alkane: Str...	18.77	3.1	ng/ul	92017	4	17.13	599522	20.0
(DEL) Alkane: Str...	19.11	5.5	ng/ul	164605	4	17.13	599522	20.0
(DEL) Alkane: Str...	19.70	5.3	ng/ul	275650	5	21.33	1035730	20.0
.beta.-iso-Methyl...	24.65	6.4	ng/ul	329372	6	23.60	1035970	20.0
1-Penten-3-one, 1...	25.33	7.0	ng/ul	360858	6	23.60	1035970	20.0