LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002397.D
Acq On : 18 Aug 2018 02:11
Operator : JU/SJ
Sample : J4421-10
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AA8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BN081318MA.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	6.852	651	657	673	rVB	583104	1042499	20.50%	1.862%
2	7.016	679	685	696	rBV	488109	757159	14.89%	1.352%
3	7.211	711	718	732	rBV	589961	966755	19.01%	1.727%
4	7.675	790	797	806	rBV	670940	1082100	21.28%	1.933%
5	7.975	843	848	857	rVB4	35318	58709	1.15%	0.105%
6	8.375	910	916	934	rBV	712025	1211457	23.82%	2.164%
7	8.822	985	992	1007	rVB	623697	1066882	20.98%	1.906%
8	9.540	1107	1114	1124	rBV	507085	867665	17.06%	1.550%
9	10.075	1198	1205	1222	rBV	729778	1297001	25.50%	2.317%
10	10.446	1261	1268	1277	rBV	1071244	1764535	34.70%	3.152%
11	10.587	1285	1292	1311	rBV	660698	1189409	23.39%	2.124%
12	13.722	1818	1825	1829	rBV	1547777	2167454	42.62%	3.871%
13	13.763	1829	1832	1841	rVB	458883	646691	12.72%	1.155%
14	13.998	1865	1872	1885	rBV	1750610	2615287	51.43%	4.671%
15	14.304	1917	1924	1932	rBV2	1594488	2503946	49.24%	4.472%
16	14.522	1955	1961	1977	rBV	444143	855357	16.82%	1.528%
17	15.304	2087	2094	2101	rBV	2287520	3224560	63.41%	5.759%
18	15.434	2110	2116	2129	rBV	643825	941843	18.52%	1.682%
19	17.057	2385	2392	2397	rBV2	2121602	3085279	60.67%	5.511%
20	17.092	2397	2398	2402	rVV	50299	54082	1.06%	0.097%
21	17.151	2402	2408	2421	rVB2	2394146	3416704	67.19%	6.103%
22	17.957	2537	2545	2554	rBV3	127646	254213	5.00%	0.454%
23	19.122	2738	2743	2748	rVB	120769	184221	3.62%	0.329%
24	19.245	2759	2764	2767	rBV5	44759	57308	1.13%	0.102%
25	19.451	2793	2799	2808	rBV2	2965870	4425538	87.02%	7.904%
26	20.016	2892	2895	2899	rVB	46234	53960	1.06%	0.096%
27	20.339	2944	2950	2954	rBV3	71064	123221	2.42%	0.220%
28	20.510	2976	2979	2983	rVB	63125	62119	1.22%	0.111%
29	20.857	3035	3038	3042	rBV3	46622	59041	1.16%	0.105%
30	20.898	3042	3045	3049	rVV3	58416	75630	1.49%	0.135%
31	20.975	3054	3058	3060	rBV	128244	148396	2.92%	0.265%
32	21.104	3076	3080	3086	rVB2	192693	262287	5.16%	0.468%
33	21.163	3087	3090	3095	rVB2	83981	129786	2.55%	0.232%
34	21.216	3095	3099	3100	rBV4	73387	85781	1.69%	0.153%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002397.D
Acq On : 18 Aug 2018 02:11
Operator : JU/SJ
Sample : J4421-10
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AA8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BN081318MA.M
Title : SVOA CALIBRATION

35	21.251	3100	3105	3110	rVV	2888671	3677206	72.31%	6.568%
36	21.416	3129	3133	3136	rBV	146165	167210	3.29%	0.299%
37	21.845	3202	3206	3210	rBV	265218	312448	6.14%	0.558%
38	22.304	3279	3284	3293	rBV	294843	416604	8.19%	0.744%
39	22.433	3303	3306	3314	rVB5	57075	95982	1.89%	0.171%
40	22.804	3364	3369	3383	rVB	1165515	1837867	36.14%	3.283%
41	23.333	3452	3459	3473	rVB2	2427898	5085483	100.00%	9.083%
42	23.474	3475	3483	3496	rVB2	1957158	3806627	74.85%	6.799%
43	23.998	3566	3572	3580	rVB	467856	858364	16.88%	1.533%
44	24.727	3690	3696	3706	rVB	240495	516106	10.15%	0.922%
45	25.163	3766	3770	3778	rVB5	55485	114470	2.25%	0.204%
46	25.580	3835	3841	3851	rVB2	133153	347580	6.83%	0.621%
47	26.445	3984	3988	3999	rVB5	111036	287450	5.65%	0.513%
48	26.998	4076	4082	4091	rVB9	106918	308861	6.07%	0.552%
49	27.357	4134	4143	4159	rVB6	420290	1418682	27.90%	2.534%

Sum of corrected areas: 55987815

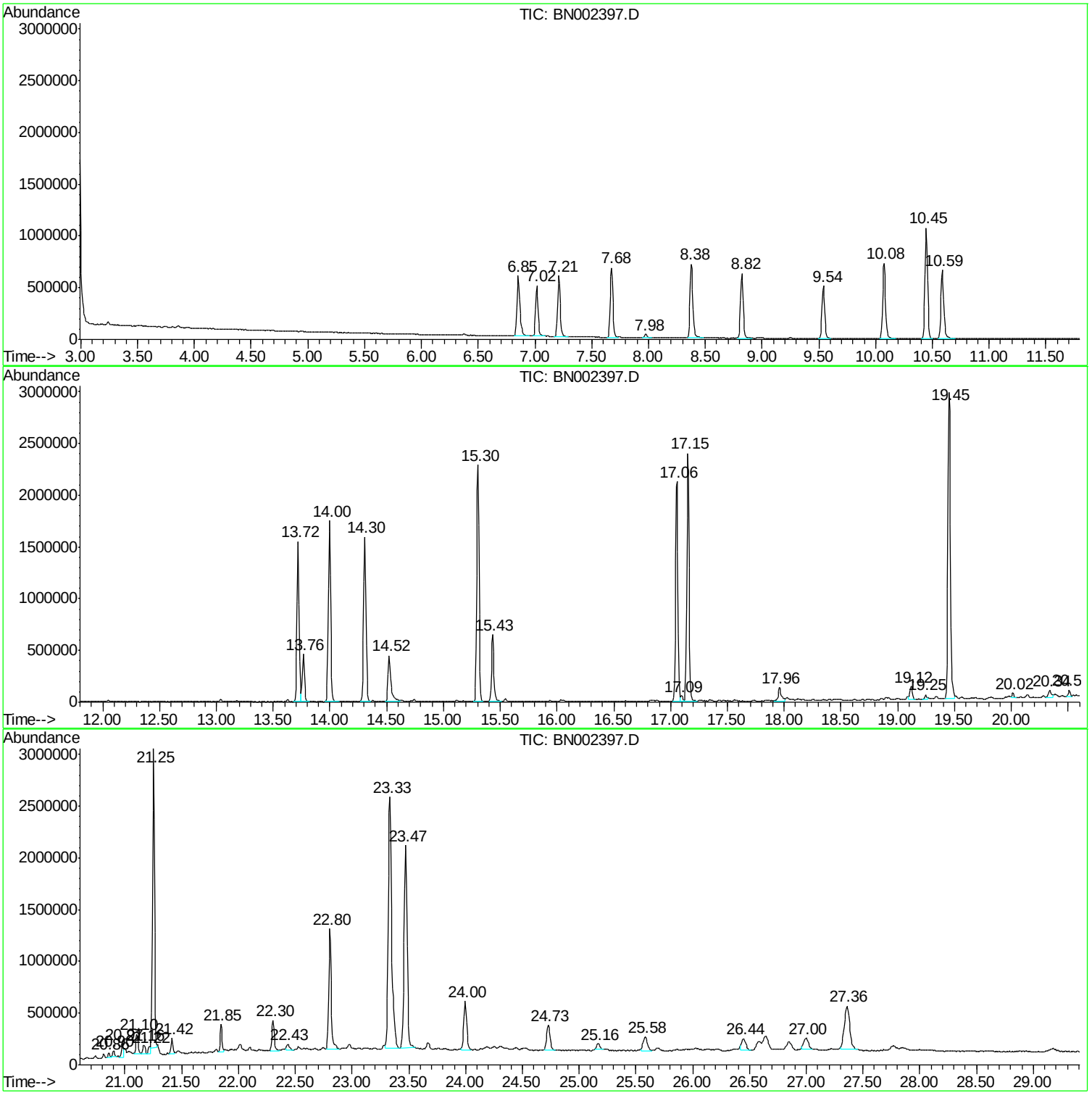
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002397.D
Acq On : 18 Aug 2018 02:11
Operator : JU/SJ
Sample : J4421-10
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.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\BN081718\
Data File : BN002397.D
Acq On : 18 Aug 2018 02:11
Operator : JU/SJ
Sample : J4421-10
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

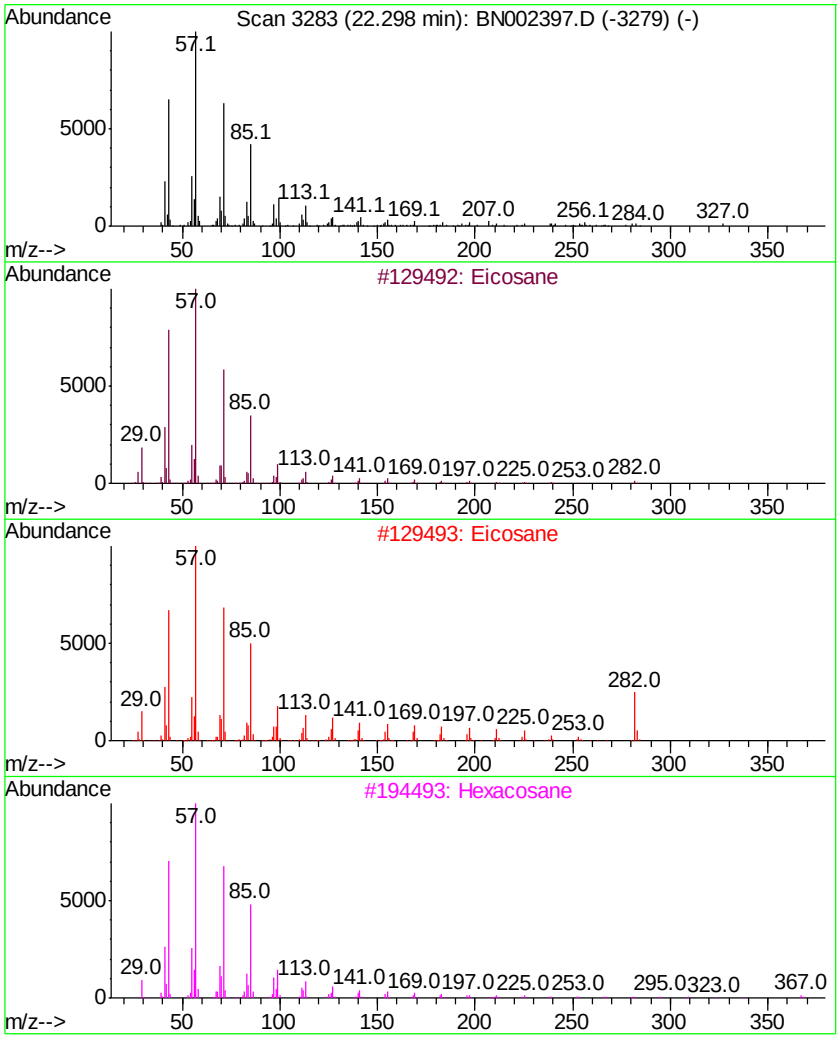
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

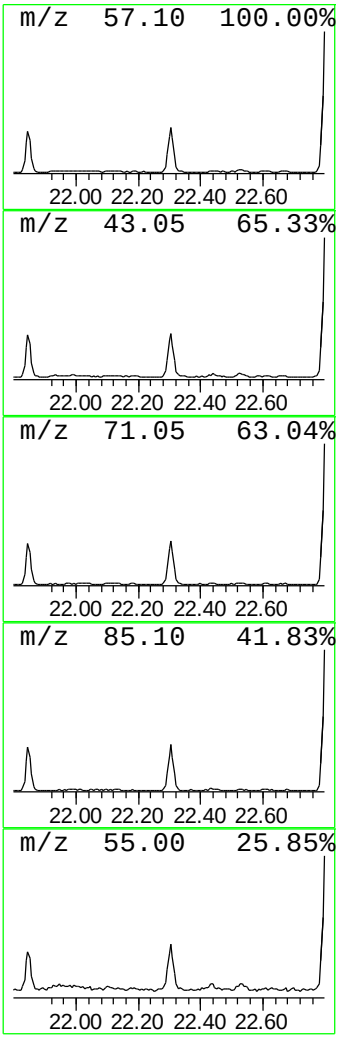
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	2.27 ng/ul	416604	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Eicosane	282	C20H42	000112-95-8	93
3	Hexacosane	366	C26H54	000630-01-3	93
4	Octacosane	394	C28H58	000630-02-4	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002397.D
Acq On : 18 Aug 2018 02:11
Operator : JU/SJ
Sample : J4421-10
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

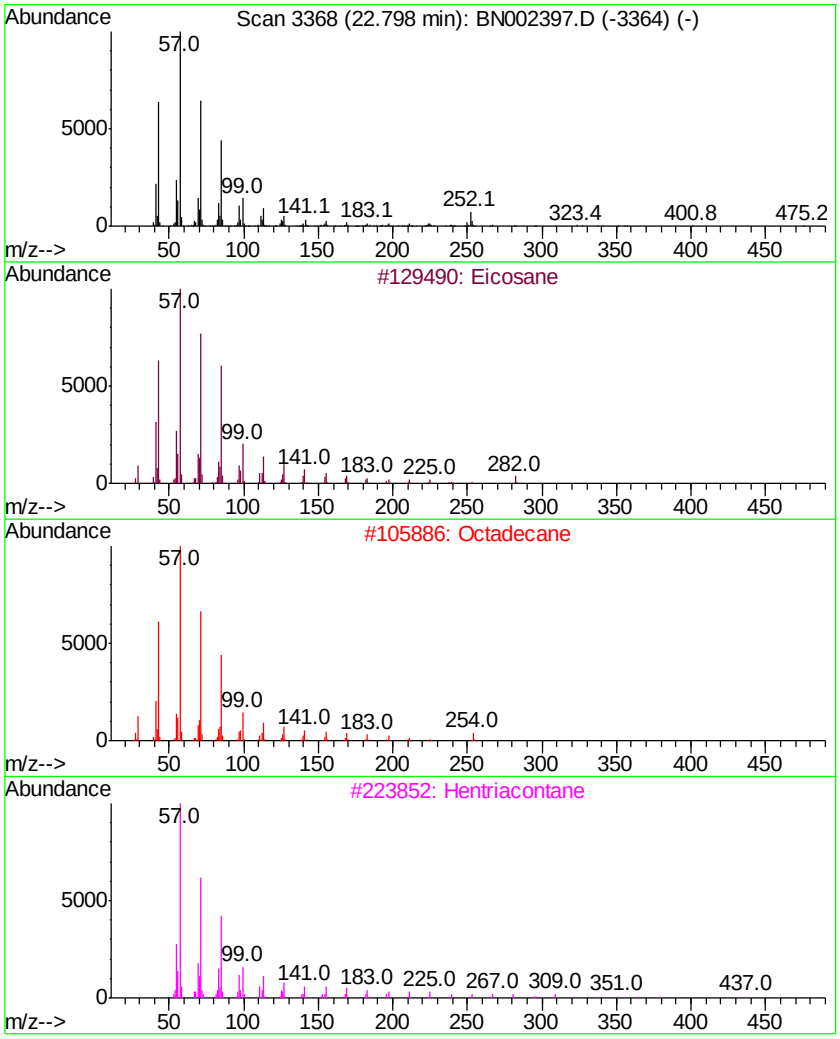
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

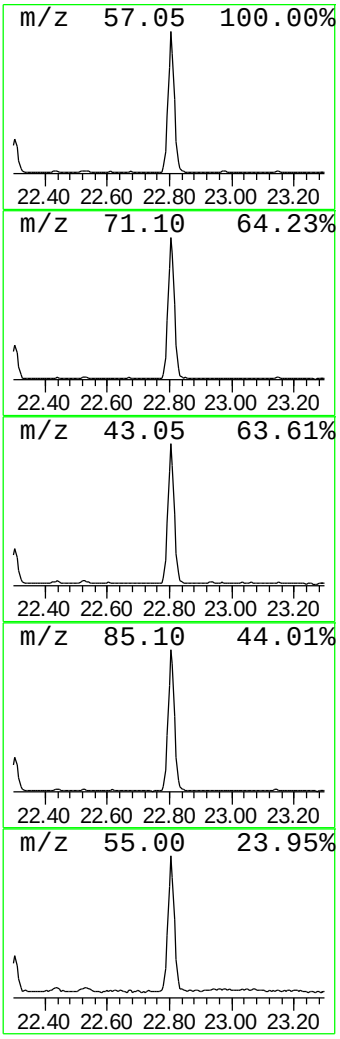
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	9.66 ng/ul	1837870	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Octadecane	254	C18H38	000593-45-3	91
3	Hentriacontane	437	C31H64	000630-04-6	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Heneicosane	296	C21H44	000629-94-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002397.D
Acq On : 18 Aug 2018 02:11
Operator : JU/SJ
Sample : J4421-10
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

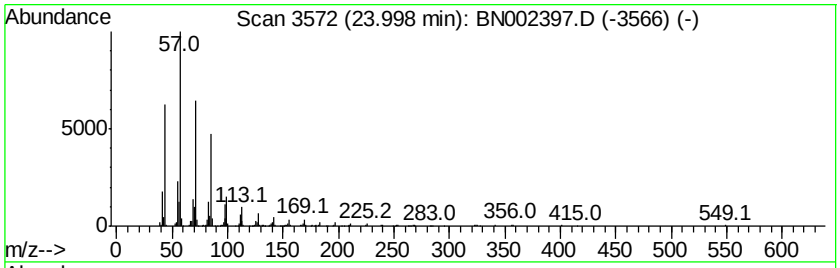
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

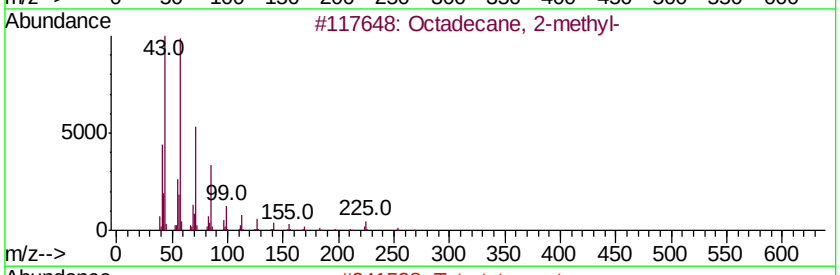
****

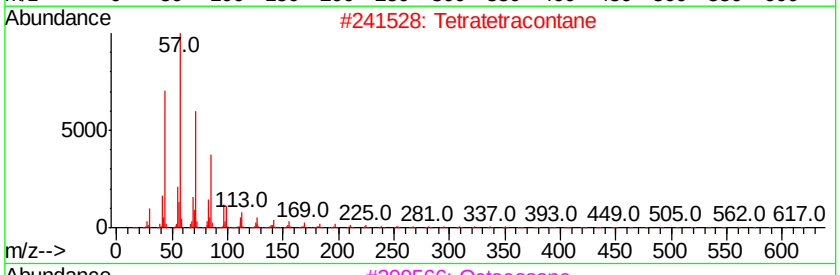
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

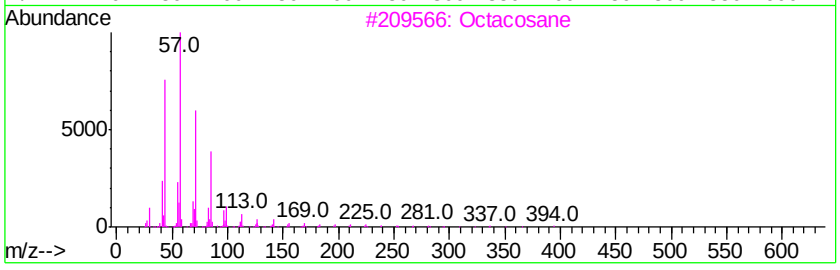
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	4.51 ng/ul	858364	Perylene-d12	23.47

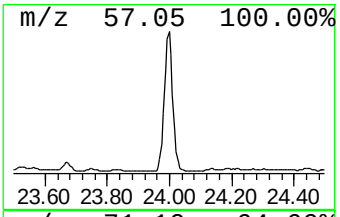
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91

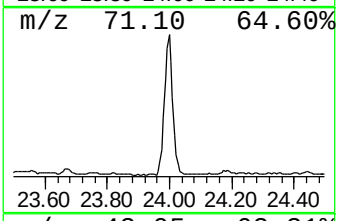


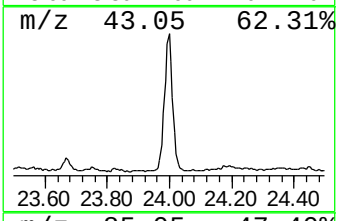


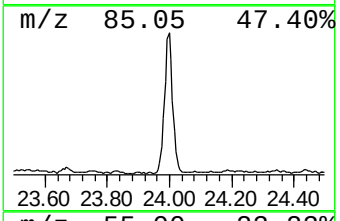


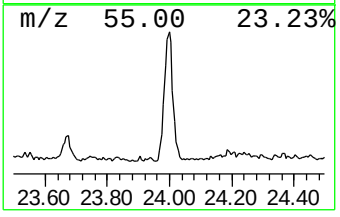












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002397.D
Acq On : 18 Aug 2018 02:11
Operator : JU/SJ
Sample : J4421-10
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

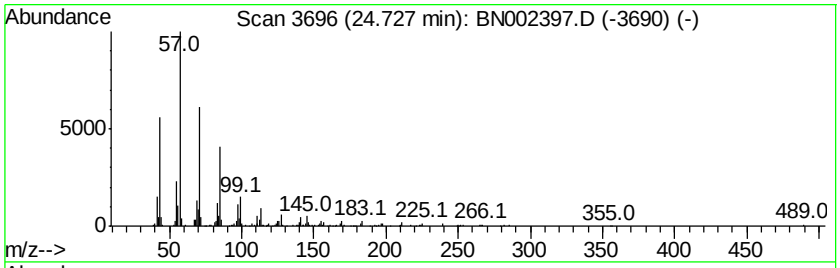
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

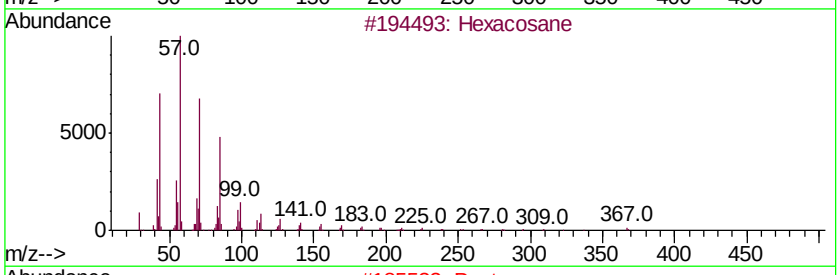
****

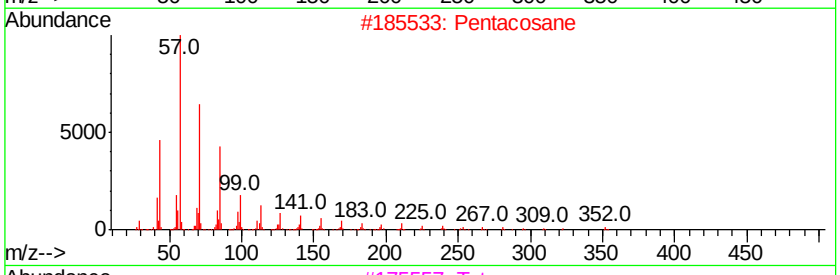
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

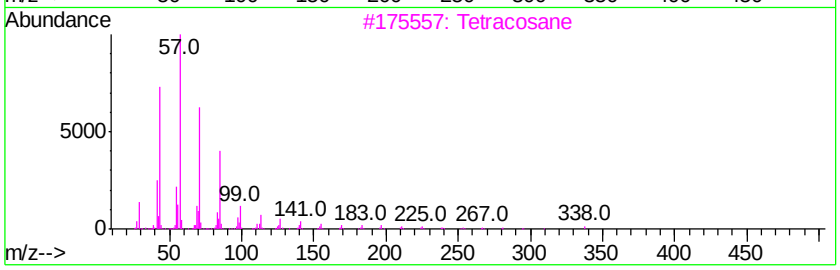
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	2.71 ng/ul	516106	Perylene-d12	23.47

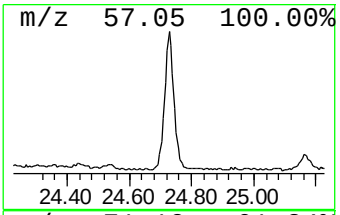
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Pentacosane	352	C25H52	000629-99-2	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Octacosane	394	C28H58	000630-02-4	90

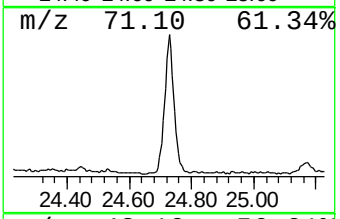


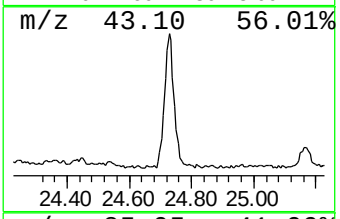


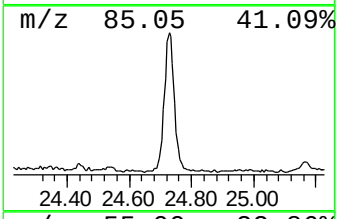


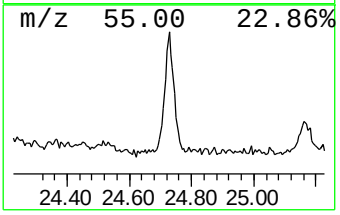












Library Search Compound Report

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Data File : BN002397.D
Acq On : 18 Aug 2018 02:11
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Instrument : BNA_N
ClientSampleId : C0AA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

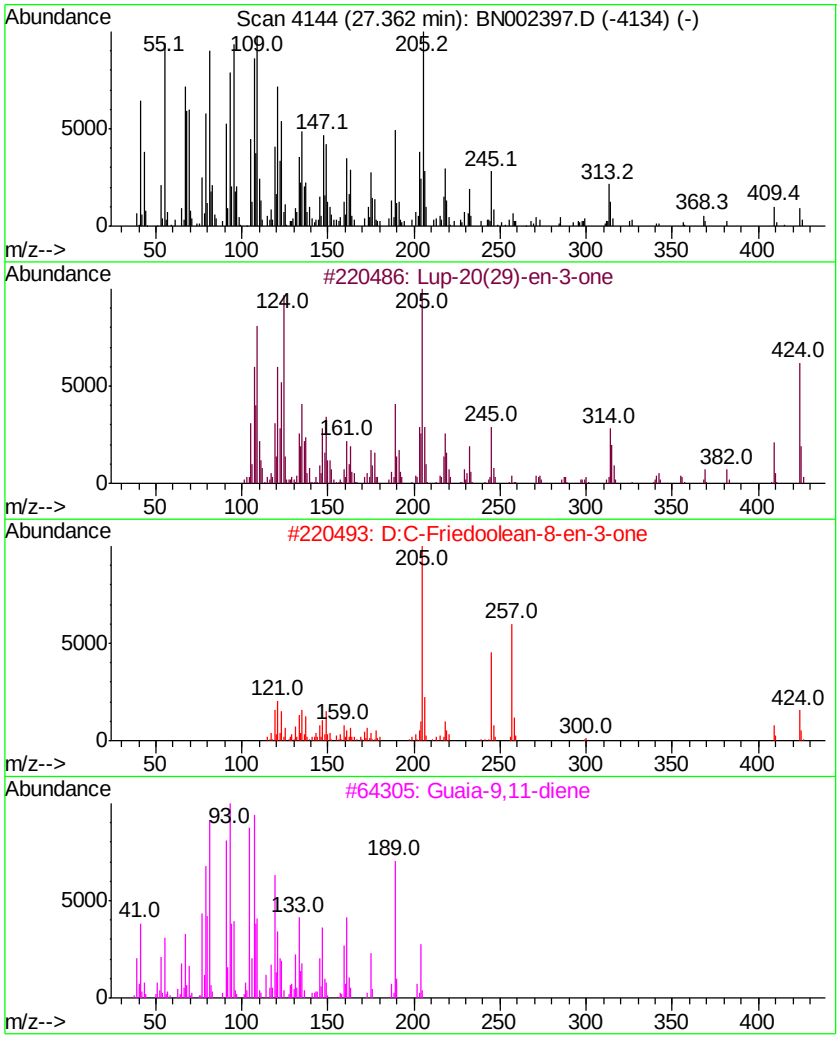
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

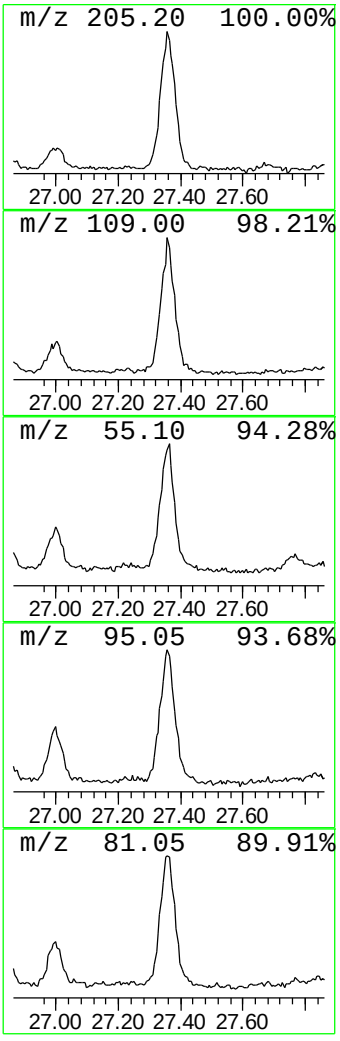
****

Peak Number 5 Lup-20(29)-en-3-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.36	7.45 ng/ul	1418680	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	83
2	D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	60
3	Guaia-9,11-diene	204	C15H24	1000374-19-8	53
4	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	47
5	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081718\
Data File : BN002397.D
Acq On : 18 Aug 2018 02:11
Operator : JU/SJ
Sample : J4421-10
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
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
(DEL) Alkane: Str...	22.30	2.3	ng/ul	416604	5	21.25	3677210	20.0
(DEL) Alkane: Str...	22.80	9.7	ng/ul	1837870	6	23.47	3806630	20.0
(DEL) Alkane: Str...	24.00	4.5	ng/ul	858364	6	23.47	3806630	20.0
(DEL) Alkane: Str...	24.73	2.7	ng/ul	516106	6	23.47	3806630	20.0
Lup-20(29)-en-3-one	27.36	7.5	ng/ul	1418680	6	23.47	3806630	20.0