LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005205.D
Acq On : 23 Apr 2019 09:40
Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

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-BN041919MA.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	3.146	25	27	33	rVB5	7493	10323	0.15%	0.012%
2	3.217	35	39	49	rVB	178416	216943	3.05%	0.244%
3	3.922	152	159	164	rBV	15679	27090	0.38%	0.030%
4	4.258	210	216	220	rBV2	19768	28645	0.40%	0.032%
5	4.864	315	319	322	rBV5	5302	7407	0.10%	0.008%
6	5.728	457	466	474	rVB3	14948	27544	0.39%	0.031%
7	6.275	553	559	565	rVB4	7523	11277	0.16%	0.013%
8	6.599	611	614	617	rBV2	7627	10872	0.15%	0.012%
9	6.775	637	644	656	rBV	1625213	2549395	35.85%	2.867%
10	6.946	666	673	686	rVB	1267622	1941772	27.30%	2.183%
11	7.134	698	705	716	rBV	1692990	2630602	36.99%	2.958%
12	7.305	731	734	737	rVB4	6800	7644	0.11%	0.009%
13	7.599	776	784	791	rBV	1049204	1613532	22.69%	1.814%
14	7.669	791	796	805	rVB	49200	76598	1.08%	0.086%
15	7.975	845	848	853	rBV4	4526	7263	0.10%	0.008%
16	8.128	870	874	878	rVB4	4109	7698	0.11%	0.009%
17	8.293	896	902	914	rBV	1902266	3084222	43.37%	3.468%
18	8.740	971	978	986	rBV	1548018	2481112	34.89%	2.790%
19	8.916	1003	1008	1015	rVB6	20806	32329	0.45%	0.036%
20	9.193	1049	1055	1062	rBV	51638	82003	1.15%	0.092%
21	9.451	1092	1099	1107	rBV	1217558	1979764	27.84%	2.226%
22	9.981	1182	1189	1204	rBV	1986460	3299445	46.39%	3.710%
23	10.363	1247	1254	1261	rBV	1538503	2564345	36.06%	2.884%
24	10.410	1261	1262	1266	rVV	20844	16802	0.24%	0.019%
25	10.499	1269	1277	1290	rBV	1451329	2460851	34.60%	2.767%
26	11.163	1384	1390	1392	rBV5	7872	10867	0.15%	0.012%
27	11.316	1411	1416	1419	rBV4	18053	28359	0.40%	0.032%
28	11.616	1464	1467	1469	rVB2	5889	7521	0.11%	0.008%
29	11.798	1492	1498	1502	rBV8	7915	16277	0.23%	0.018%
30	11.869	1507	1510	1513	rBV4	5800	7694	0.11%	0.009%
31	11.951	1519	1524	1531	rBV	35988	60222	0.85%	0.068%
32	12.028	1532	1537	1544	rVB	41669	69841	0.98%	0.079%
33	12.251	1568	1575	1581	rVB2	18315	27458	0.39%	0.031%
34	12.693	1645	1650	1653	rBV5	5280	7354	0.10%	0.008%

LSC Area Percent Report

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Data File : BN005205.D
Acq On : 23 Apr 2019 09:40
Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

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-BN041919MA.M
Title : SVOA CALIBRATION

35	12.963	1690	1696	1701	rBV6	14284	22402	0.31%	0.025%
36	13.075	1711	1715	1719	rVB4	11998	18328	0.26%	0.021%
37	13.145	1723	1727	1732	rBV7	9312	14833	0.21%	0.017%
38	13.192	1732	1735	1738	rBV5	9472	15330	0.22%	0.017%
39	13.257	1742	1746	1749	rVB4	6460	11075	0.16%	0.012%
40	13.416	1763	1773	1778	rBV10	13653	34685	0.49%	0.039%
41	13.463	1778	1781	1784	rBV3	10090	11789	0.17%	0.013%
42	13.551	1792	1796	1799	rBV5	12143	16146	0.23%	0.018%
43	13.604	1803	1805	1807	rVV2	7770	7843	0.11%	0.009%
44	13.651	1807	1813	1817	rVV	3012108	4161775	58.52%	4.680%
45	13.698	1817	1821	1827	rVB	625205	850635	11.96%	0.957%
46	13.787	1832	1836	1840	rVB7	9237	12841	0.18%	0.014%
47	13.922	1851	1859	1868	rVV	3713132	5610138	78.89%	6.308%
48	14.163	1896	1900	1904	rBV5	13159	15454	0.22%	0.017%
49	14.234	1905	1912	1919	rVV2	2415934	3687723	51.85%	4.147%
50	14.292	1919	1922	1926	rVB5	12584	17925	0.25%	0.020%
51	14.434	1939	1946	1957	rBV	1298563	1949779	27.42%	2.192%
52	14.610	1974	1976	1980	rVB5	13034	17888	0.25%	0.020%
53	14.669	1984	1986	1988	rBV3	8520	7497	0.11%	0.008%
54	14.787	2002	2006	2009	rBV4	13471	20032	0.28%	0.023%
55	14.845	2011	2016	2020	rVV5	19861	37041	0.52%	0.042%
56	15.069	2051	2054	2056	rBV4	11243	13577	0.19%	0.015%
57	15.116	2058	2062	2066	rVV5	27162	43969	0.62%	0.049%
58	15.234	2075	2082	2089	rBV	4612560	6497905	91.37%	7.307%
59	15.351	2097	2102	2110	rVB	381776	537228	7.55%	0.604%
60	15.475	2116	2123	2127	rBV3	67480	119500	1.68%	0.134%
61	15.622	2145	2148	2155	rVB8	16824	29979	0.42%	0.034%
62	16.404	2277	2281	2285	rBV7	16037	27901	0.39%	0.031%
63	16.775	2340	2344	2348	rBV7	25862	44734	0.63%	0.050%
64	16.986	2374	2380	2385	rBV2	3138813	4398200	61.84%	4.946%
65	17.086	2391	2397	2407	rBV	4722687	6905691	97.10%	7.765%
66	17.228	2419	2421	2430	rVB8	76716	149684	2.10%	0.168%
67	17.916	2534	2538	2547	rVB	636210	916385	12.89%	1.030%
68	19.027	2725	2727	2730	rBV2	89103	123428	1.74%	0.139%
69	19.216	2756	2759	2766	rBV2	371663	540735	7.60%	0.608%
70	19.398	2785	2790	2796	rVB	5131944	7111790	100.00%	7.997%
71	20.504	2975	2978	2982	rVB2	212260	247663	3.48%	0.278%

LSC Area Percent Report

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Sample : K2455-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Title : SVOA CALIBRATION

72	20.969	3053	3057	3064	rBV2	437639	891596	12.54%	1.003%
73	21.227	3096	3101	3106	rVB2	3280830	4309636	60.60%	4.846%
74	21.427	3133	3135	3139	rBV	265767	278587	3.92%	0.313%
75	22.333	3286	3289	3294	rVB	471314	620803	8.73%	0.698%
76	22.839	3372	3375	3379	rVB	565596	732831	10.30%	0.824%
77	23.310	3449	3455	3462	rVB2	3708964	6627093	93.18%	7.452%
78	23.404	3467	3471	3473	rVV	527396	792508	11.14%	0.891%
79	23.445	3473	3478	3485	rVB	2387758	4241628	59.64%	4.770%
80	24.039	3576	3579	3585	rVB	477931	775520	10.90%	0.872%

Sum of corrected areas: 88930801

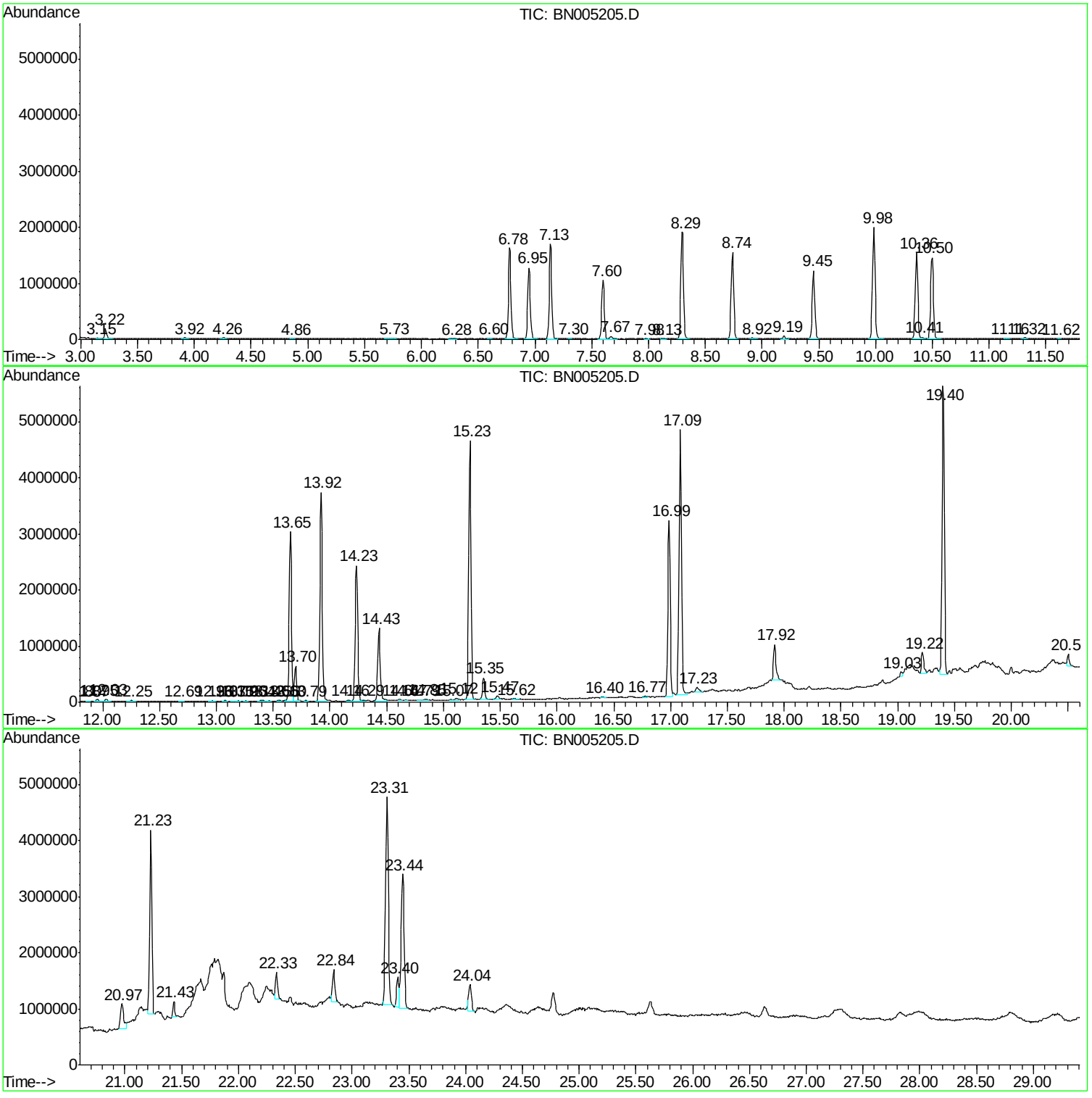
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005205.D
Acq On : 23 Apr 2019 09:40
Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.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\BN042219\
Data File : BN005205.D
Acq On : 23 Apr 2019 09:40
Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

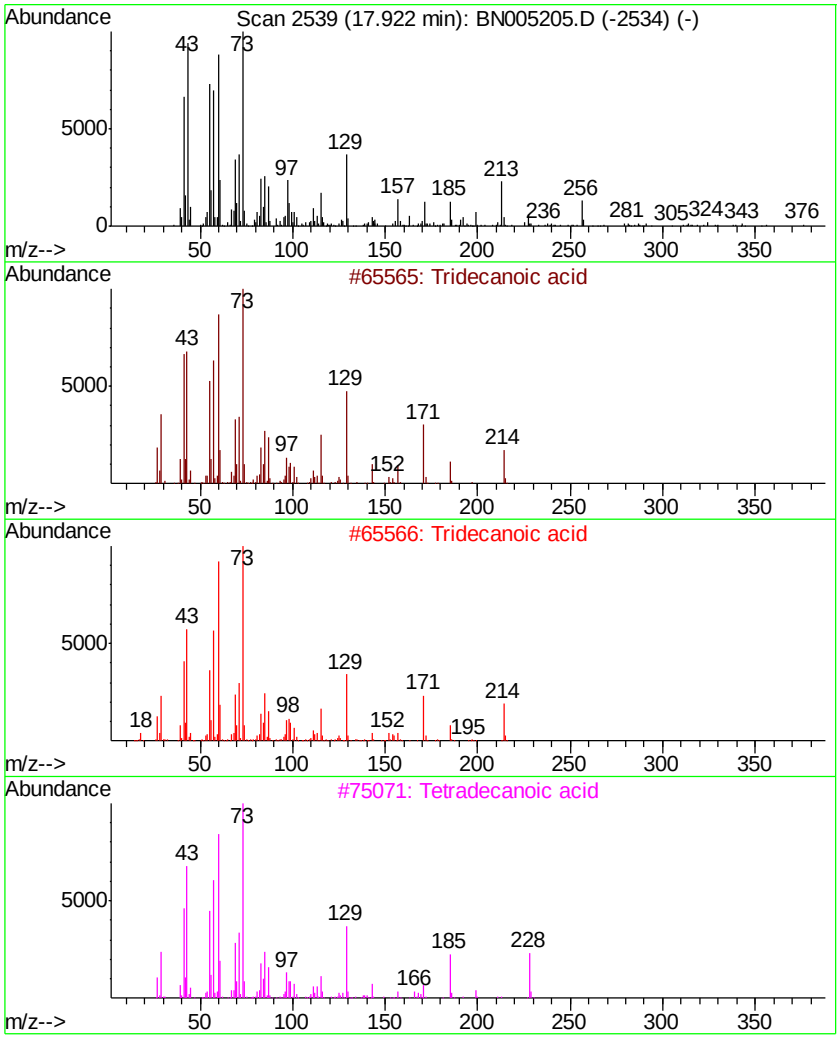
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

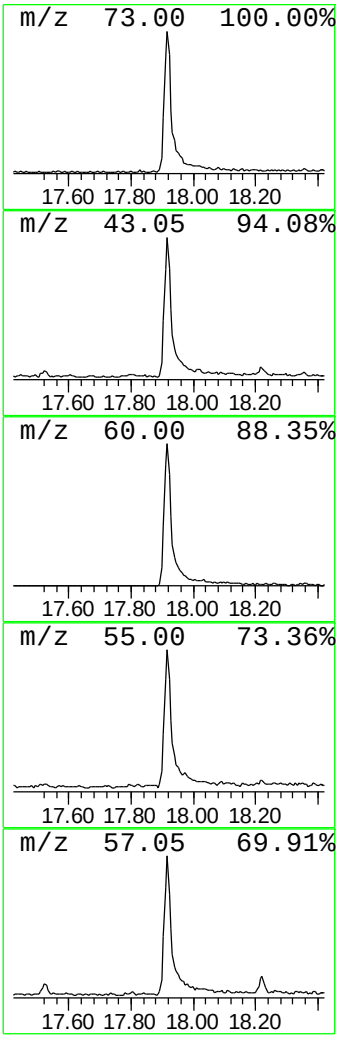
****

Peak Number 1 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	4.17 ng/ul	916385	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
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Sample : K2455-12
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ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

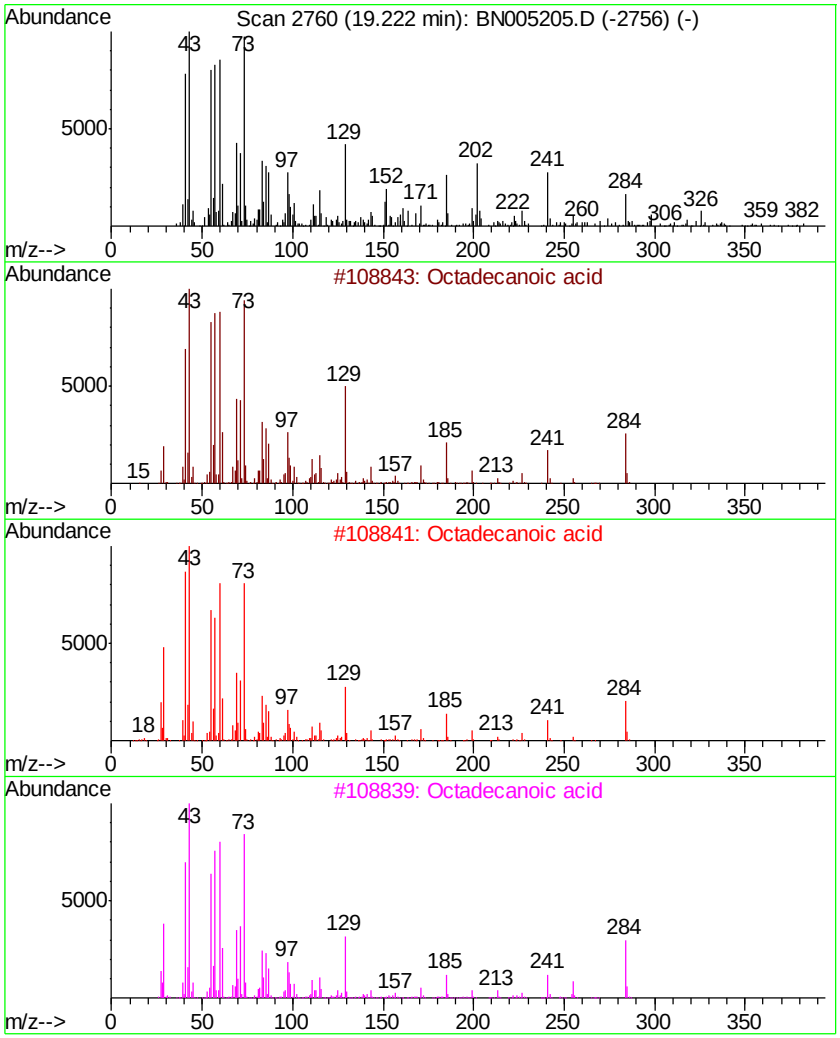
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

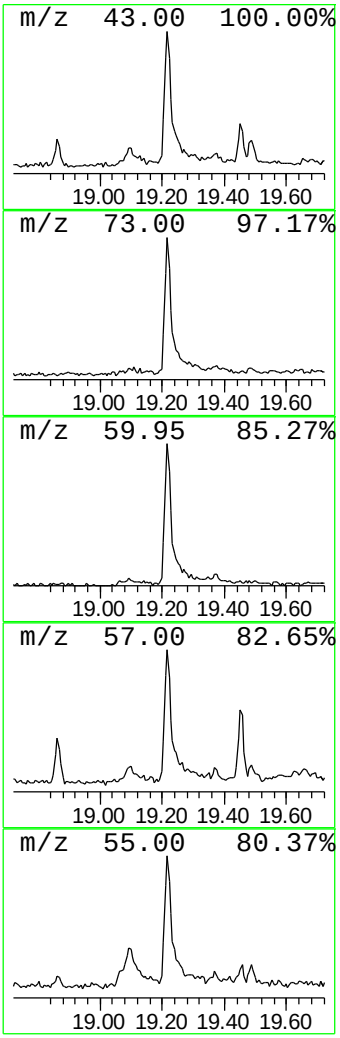
****

Peak Number 2 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	2.51 ng/ul	540735	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Dodecanoic acid	200	C12H24O2	000143-07-7	83
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005205.D
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Sample : K2455-12
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ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

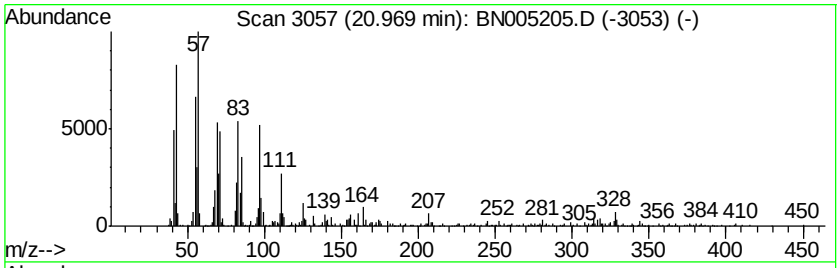
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

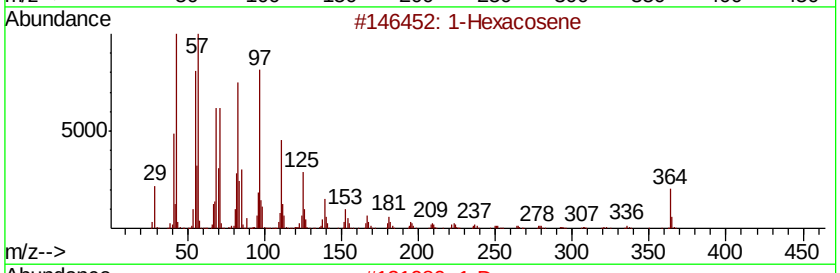
****

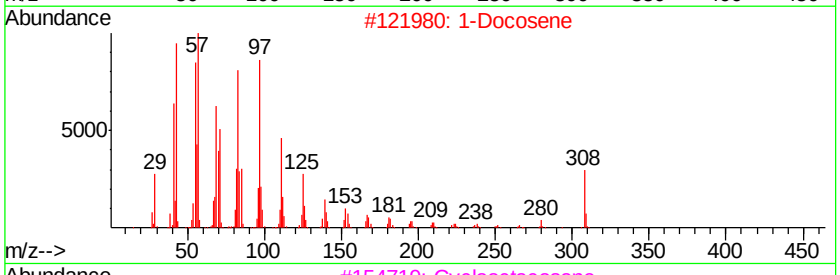
Peak Number 3 (DEL) Alkane: Cyclic20.97 Concentration Rank 2

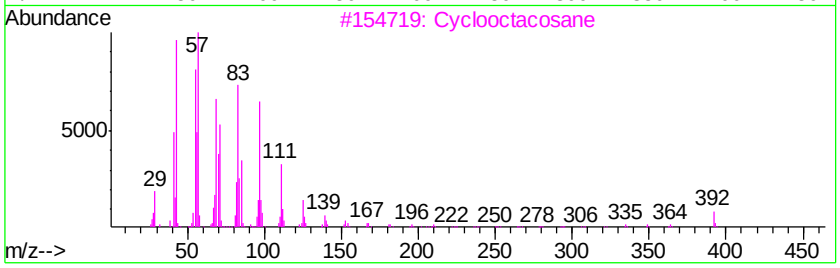
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	4.14 ng/ul	891596	Chrysene-d12	21.23

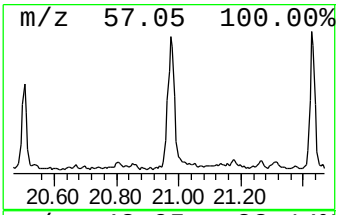
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	99
2	1-Docosene	308	C22H44	001599-67-3	97
3	Cyclooctacosane	392	C28H56	000297-24-5	94
4	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	93

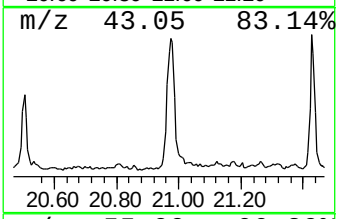


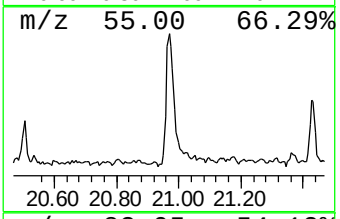


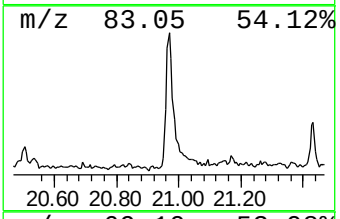


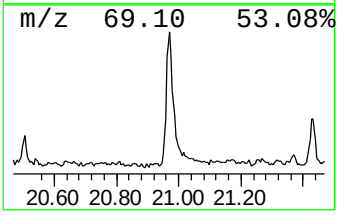












Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : GAHR2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

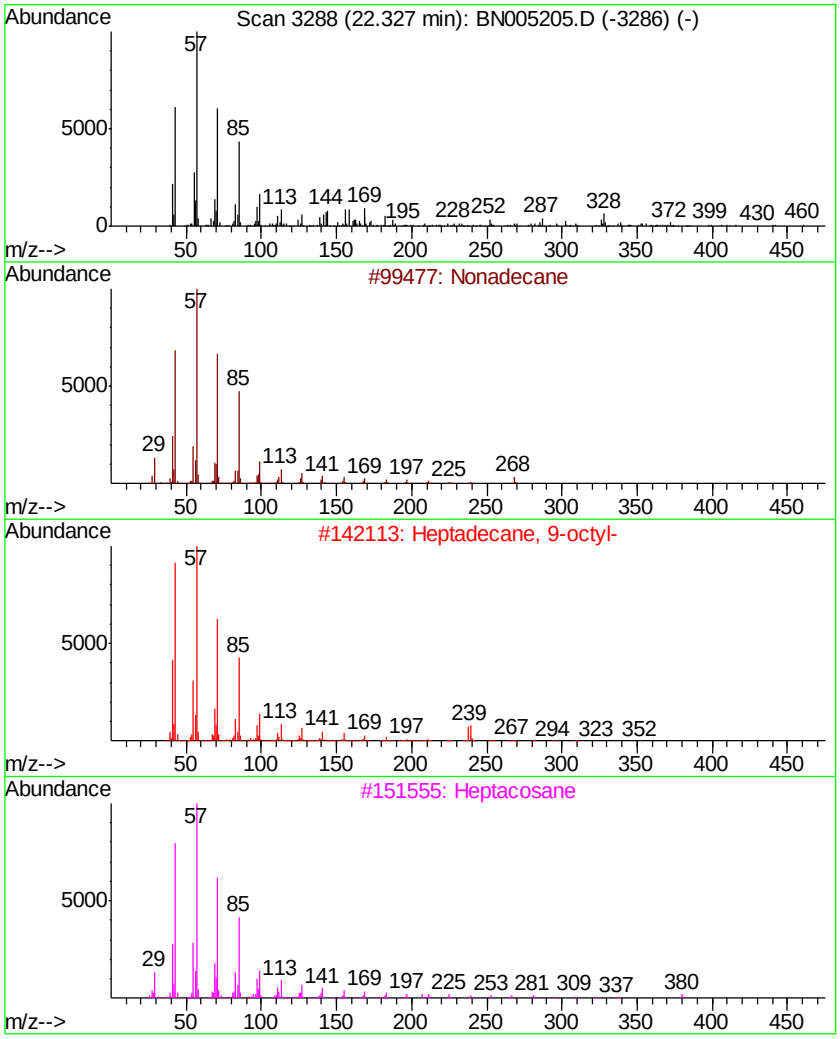
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

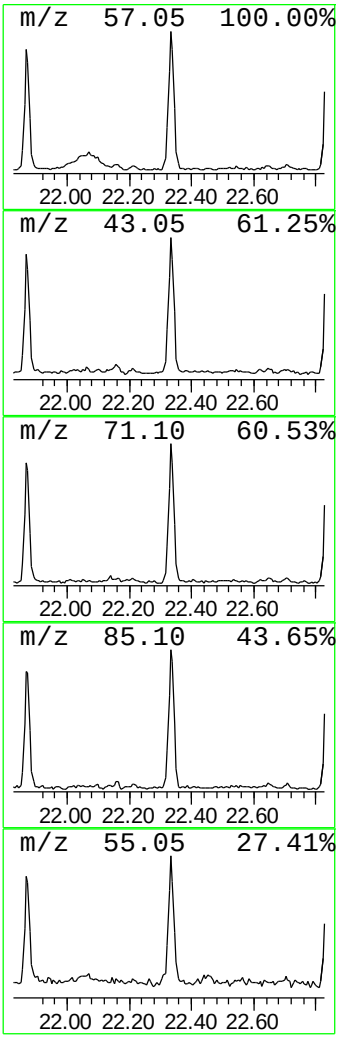
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	2.88 ng/ul	620803	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Heptacosane	380	C27H56	000593-49-7	87
4	Heptacosane	380	C27H56	000593-49-7	83
5	Octadecane	254	C18H38	000593-45-3	81





Library Search Compound Report

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Data File : BN005205.D
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Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

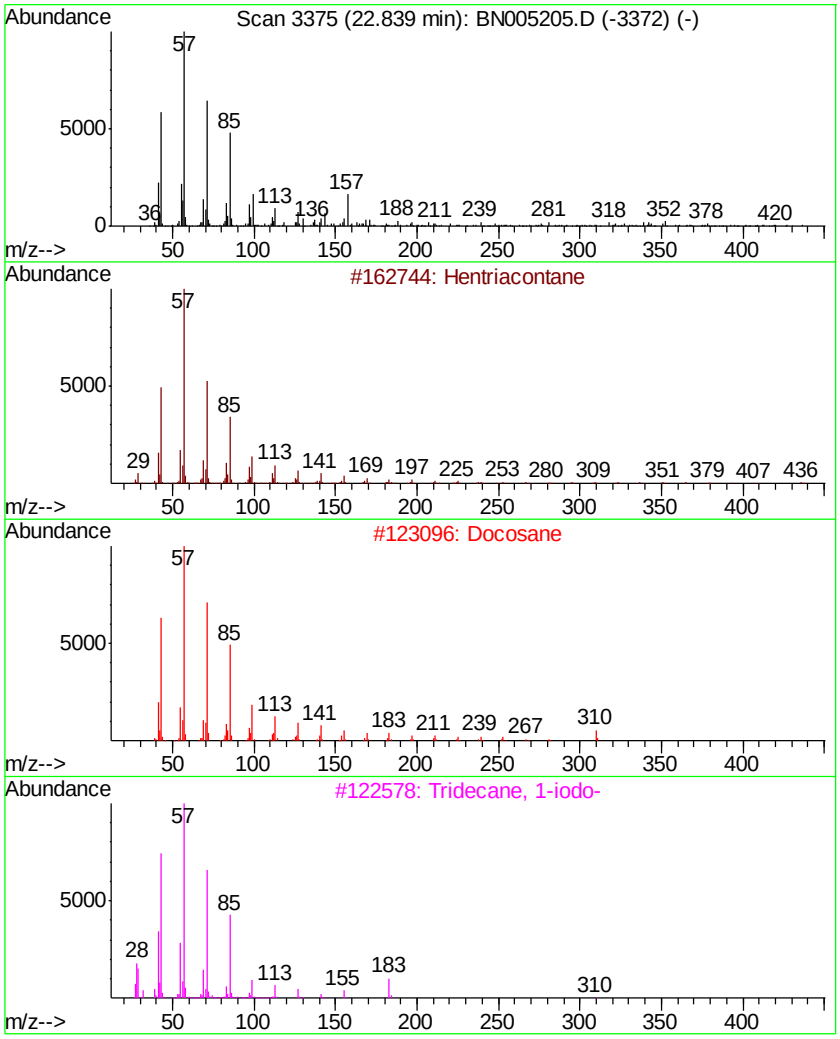
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

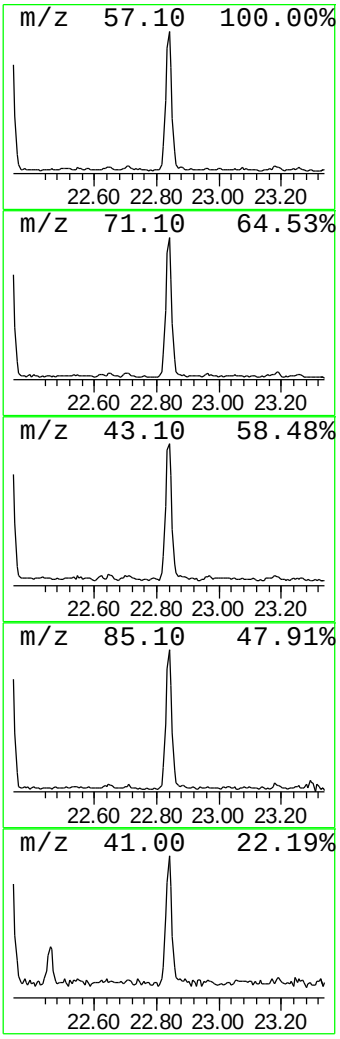
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	3.46 ng/ul	732831	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	95
2	Docosane	310	C22H46	000629-97-0	93
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Pentacosane	352	C25H52	000629-99-2	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005205.D
Acq On : 23 Apr 2019 09:40
Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

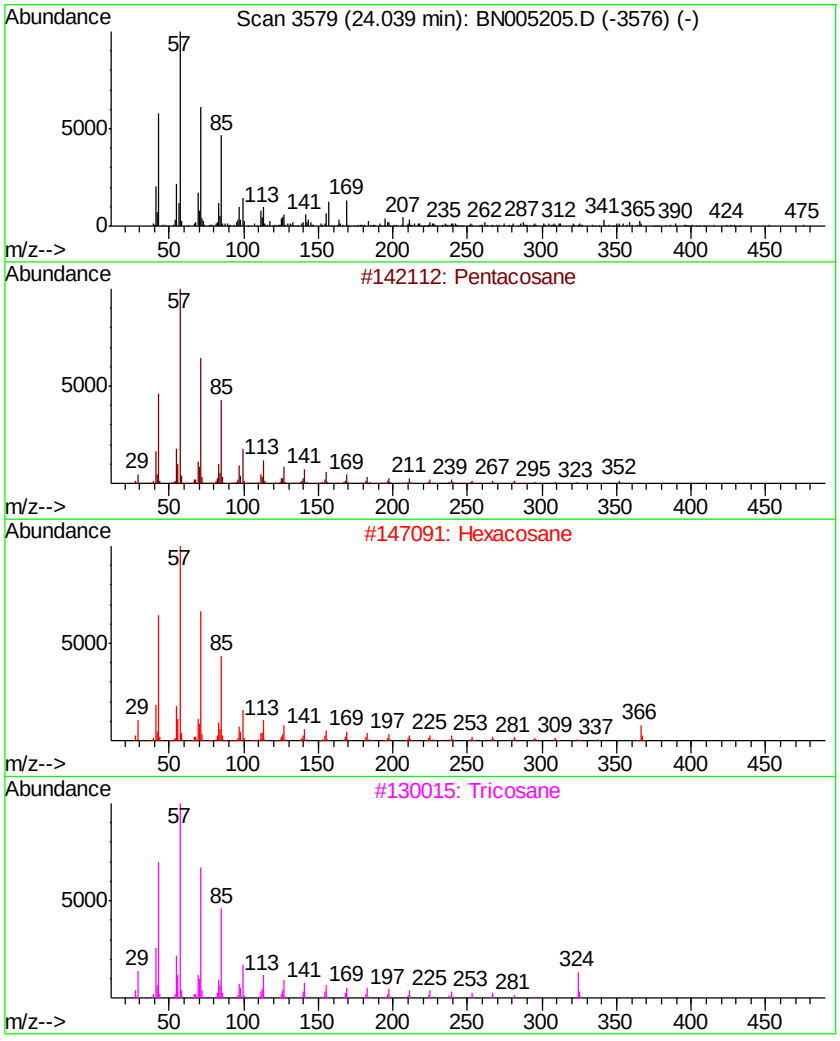
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

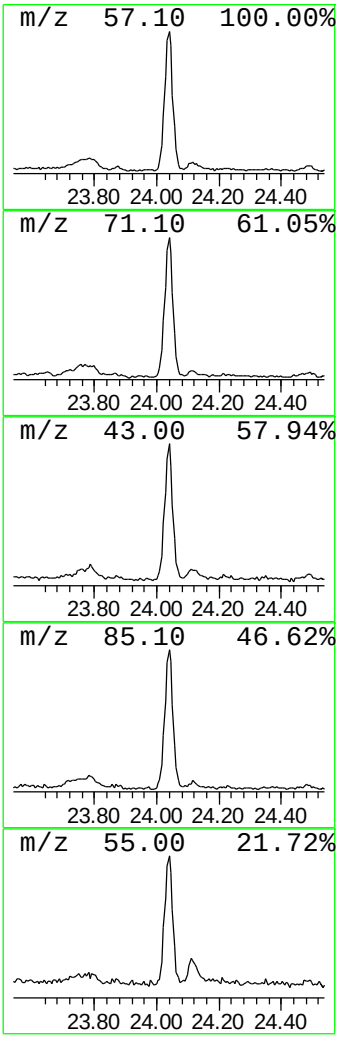
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	3.66 ng/ul	775520	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	96
2	Hexacosane	366	C26H54	000630-01-3	92
3	Tricosane	324	C23H48	000638-67-5	87
4	Hentriacontane	437	C31H64	000630-04-6	87
5	Triacontane	422	C30H62	000638-68-6	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005205.D
Acq On : 23 Apr 2019 09:40
Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.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
Tridecanoic acid	17.92	4.2	ng/ul	916385	4	16.99	4398200	20.0
Octadecanoic acid	19.22	2.5	ng/ul	540735	5	21.23	4309640	20.0
(DEL) Alkane: Cyc...	20.97	4.1	ng/ul	891596	5	21.23	4309640	20.0
(DEL) Alkane: Str...	22.33	2.9	ng/ul	620803	5	21.23	4309640	20.0
(DEL) Alkane: Str...	22.84	3.5	ng/ul	732831	6	23.44	4241630	20.0
(DEL) Alkane: Str...	24.04	3.7	ng/ul	775520	6	23.44	4241630	20.0