LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004264.D
Acq On : 12 Dec 2020 17:59
Operator : CG/JU
Sample : L5000-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54B7

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_P\METHODS\SOM-EPA-BP121020MA.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	3.328	22	24	32	rVB	78805	109052	1.38%	0.134%
2	7.004	642	649	664	rVB2	1323249	2472876	31.29%	3.035%
3	7.169	671	677	690	rVB	1014336	1640893	20.77%	2.014%
4	7.369	705	711	719	rBV	1348849	2187948	27.69%	2.685%
5	7.434	719	722	730	rVB	49807	82039	1.04%	0.101%
6	7.840	784	791	798	rBV	1093809	1734631	21.95%	2.129%
7	7.898	798	801	807	rVB4	20017	30144	0.38%	0.037%
8	8.540	903	910	922	rBV	1612656	2640930	33.42%	3.241%
9	8.993	980	987	998	rBV	1228245	2035155	25.75%	2.498%
10	9.157	1013	1015	1021	rVB5	10954	17124	0.22%	0.021%
11	9.434	1056	1062	1069	rVB	45360	73667	0.93%	0.090%
12	9.716	1101	1110	1123	rBV	929561	1554637	19.67%	1.908%
13	10.257	1193	1202	1210	rBV	1616586	2744182	34.73%	3.368%
14	10.416	1226	1229	1235	rVB7	5524	8585	0.11%	0.011%
15	10.634	1257	1266	1274	rBV	1435283	2483242	31.42%	3.048%
16	10.769	1280	1289	1306	rBV	1587026	2733632	34.59%	3.355%
17	11.122	1344	1349	1353	rVB7	6613	12036	0.15%	0.015%
18	11.551	1417	1422	1428	rBV2	11810	26222	0.33%	0.032%
19	11.804	1462	1465	1469	rVB5	6498	8835	0.11%	0.011%
20	12.069	1504	1510	1516	rBV8	9667	18408	0.23%	0.023%
21	12.228	1530	1537	1543	rVB	33784	55080	0.70%	0.068%
22	12.839	1638	1641	1647	rVV8	5791	9944	0.13%	0.012%
23	12.892	1647	1650	1654	rVB6	5764	8686	0.11%	0.011%
24	13.028	1671	1673	1678	rVB6	6695	8715	0.11%	0.011%
25	13.092	1680	1684	1688	rVB7	5490	9256	0.12%	0.011%
26	13.322	1718	1723	1728	rBV2	29574	46165	0.58%	0.057%
27	13.381	1728	1733	1738	rVV2	23724	40818	0.52%	0.050%
28	13.451	1741	1745	1755	rVB2	9250	17008	0.22%	0.021%
29	13.892	1813	1820	1824	rBV	2777806	3876150	49.05%	4.757%
30	13.939	1824	1828	1837	rVV	752196	1026438	12.99%	1.260%
31	14.175	1857	1868	1880	rBV	3336747	5257996	66.54%	6.454%
32	14.392	1900	1905	1909	rBV5	15821	22749	0.29%	0.028%
33	14.486	1913	1921	1933	rBV	2268170	3370721	42.66%	4.137%
34	14.680	1946	1954	1973	rBV	1038083	1569179	19.86%	1.926%

LSC Area Percent Report

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Instrument : BNA_P
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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_P\METHODS\SOM-EPA-BP121020MA.M
Title : SVOA CALIBRATION

35	14.845	1978	1982	1987	rVV8	7722	12268	0.16%	0.015%
36	15.122	2025	2029	2035	rVB5	7629	15019	0.19%	0.018%
37	15.351	2064	2068	2069	rBV2	15526	16683	0.21%	0.020%
38	15.386	2069	2074	2083	rVB	64490	118110	1.49%	0.145%
39	15.486	2084	2091	2103	rVV	4311369	6173700	78.13%	7.577%
40	15.610	2107	2112	2119	rBV	155044	236499	2.99%	0.290%
41	15.722	2127	2131	2136	rBV	47876	72267	0.91%	0.089%
42	16.169	2204	2207	2212	rBV7	15434	26901	0.34%	0.033%
43	16.216	2212	2215	2219	rVV6	12919	18360	0.23%	0.023%
44	16.269	2222	2224	2229	rVB4	23637	32115	0.41%	0.039%
45	16.486	2258	2261	2266	rVB	31323	42798	0.54%	0.053%
46	17.245	2384	2390	2398	rBV	2730590	4007906	50.72%	4.919%
47	17.345	2401	2407	2414	rVV2	4619378	6719048	85.03%	8.247%
48	17.486	2426	2431	2438	rBV	247465	410898	5.20%	0.504%
49	18.139	2539	2542	2546	rBV4	59136	80669	1.02%	0.099%
50	19.586	2783	2788	2795	rBV	5946552	7902185	100.00%	9.699%
51	21.051	3034	3037	3040	rBV	733971	856289	10.84%	1.051%
52	21.339	3082	3086	3090	rVB	3461831	4188440	53.00%	5.141%
53	23.551	3456	3462	3470	rBV	3934799	7847747	99.31%	9.632%
54	23.703	3483	3488	3497	rVB2	2397569	4763835	60.29%	5.847%

Sum of corrected areas: 81474880

LSC Report - Integrated Chromatogram

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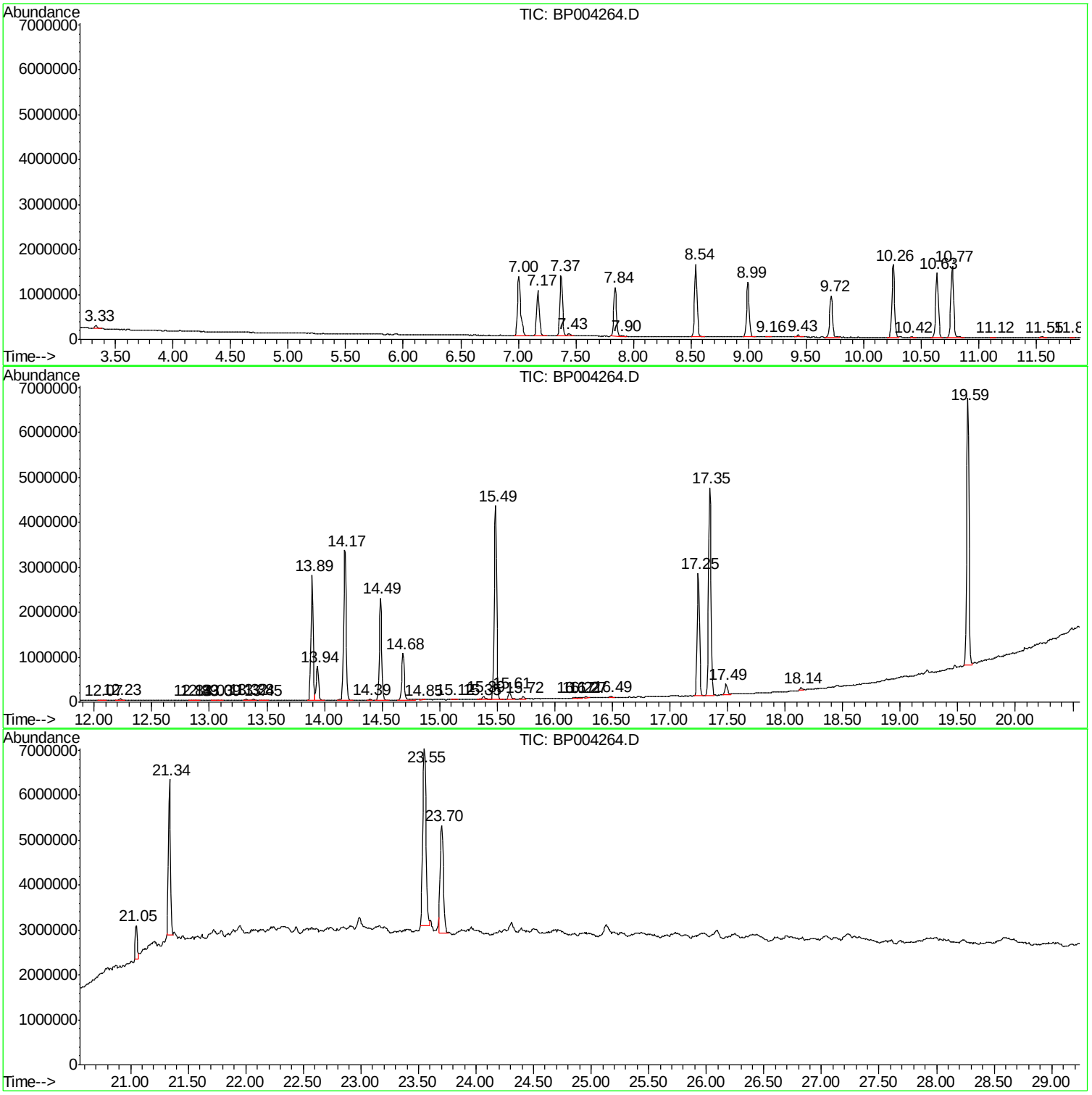
Acq On : 12 Dec 2020 17:59
Operator : CG/JU
Sample : L5000-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A54B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004264.D
Acq On : 12 Dec 2020 17:59
Operator : CG/JU
Sample : L5000-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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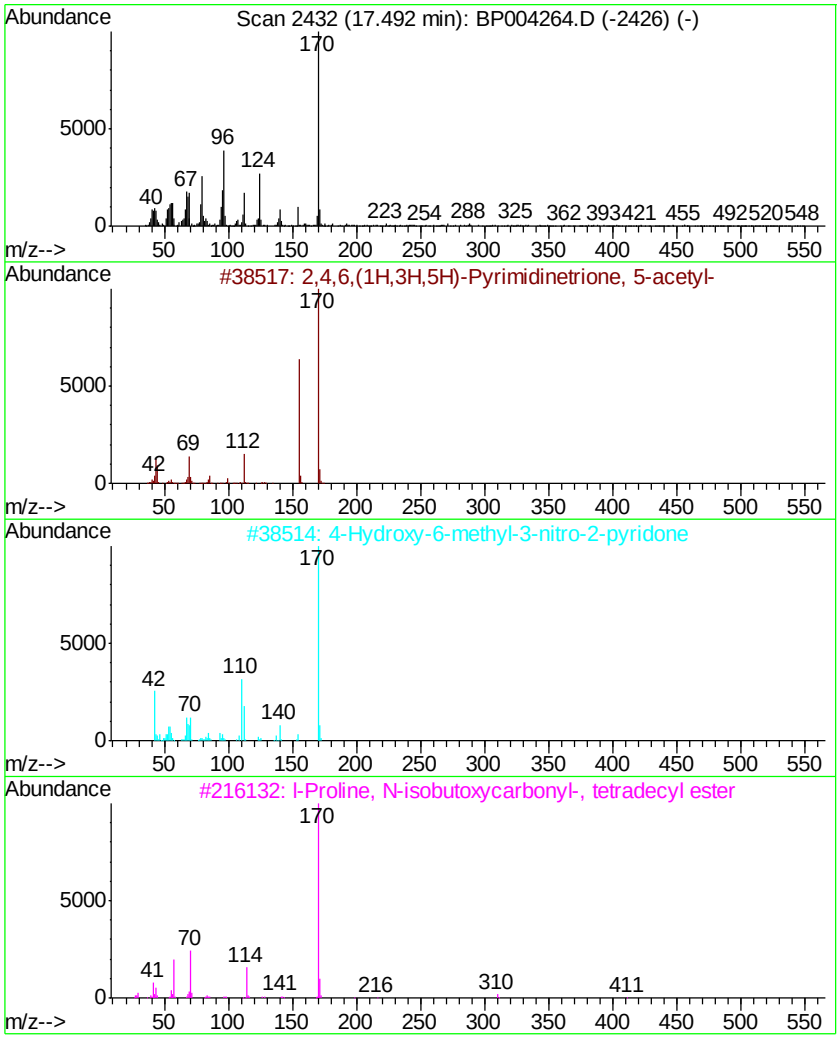
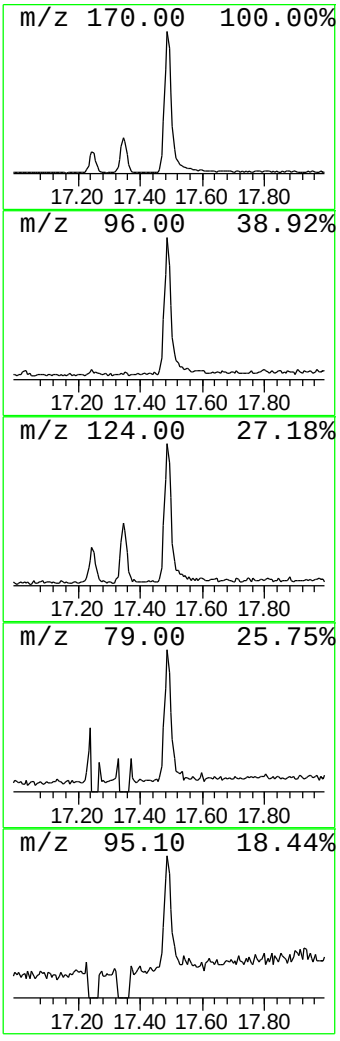
Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	2.05 ng/ul	410898	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6,(1H,3H,5H)-Pyrimidinetrion...	170	C6H6N2O4	058713-02-3	30
2	4-Hydroxy-6-methyl-3-nitro-2-pyr...	170	C6H6N2O4	004966-90-9	27
3	l-Proline, N-isobutoxycarbonyl-,...	411	C24H45NO4	1000313-74-6	22
4	Sebacic acid, nonyl 4-phenylphen...	480	C31H44O4	1000355-25-7	22
5	l-Proline, N-isobutoxycarbonyl-,...	327	C18H33NO4	1000313-74-0	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004264.D
Acq On : 12 Dec 2020 17:59
Operator : CG/JU
Sample : L5000-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

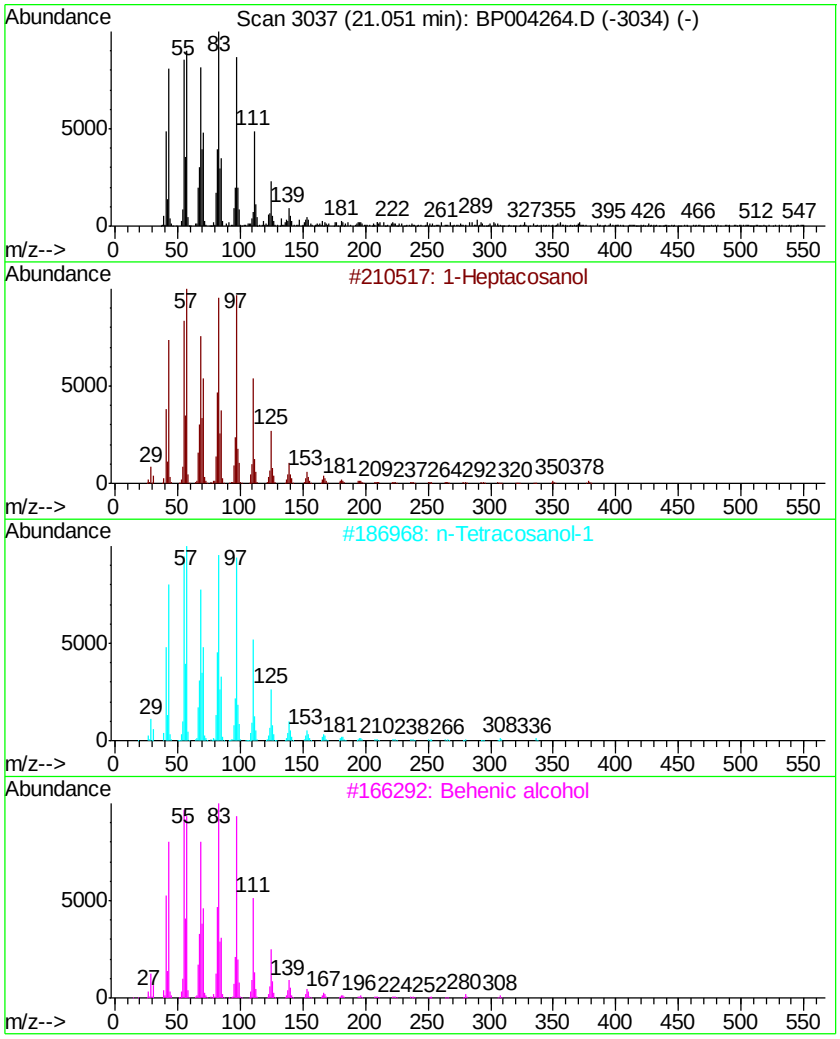
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

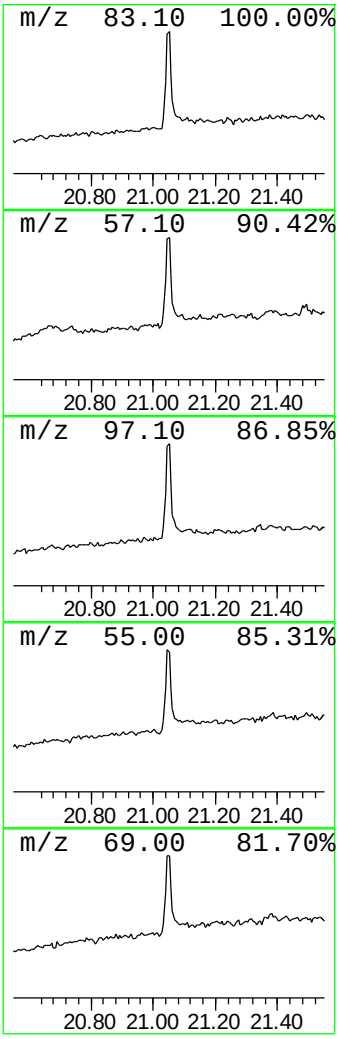
****

Peak Number 2 1-Heptacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	4.09 ng/ul	856289	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121320\
Data File : BP004264.D
Acq On : 12 Dec 2020 17:59
Operator : CG/JU
Sample : L5000-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.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
unknown-01	17.49	2.0	ng/ul	410898	4	17.25	4007910	20.0
1-Heptacosanol	21.05	4.1	ng/ul	856289	5	21.34	4188440	20.0