LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052021\
Data File : BF124011.D
Acq On : 20 May 2021 16:12
Operator : JU/CG
Sample : M2462-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WATER-MAIN-BREAK-SOIL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF051421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124011.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	8	13	rBV	275451	335678	45.32%	4.603%
2	2.246	23	27	33	rVB	18638	27439	3.70%	0.376%
3	5.110	511	514	521	rVB	59147	65802	8.88%	0.902%
4	5.516	579	583	586	rBV	688316	572816	77.34%	7.854%
5	6.522	750	754	764	rVB	644536	603525	81.48%	8.275%
6	6.904	816	819	823	rBV	450858	346917	46.84%	4.757%
7	7.463	910	914	917	rBV	521050	407325	54.99%	5.585%
8	8.192	1034	1038	1041	rBV	584679	473364	63.91%	6.490%
9	9.263	1217	1220	1223	rBV	1017432	740671	100.00%	10.156%
10	9.380	1236	1240	1243	rBV3	14793	16253	2.19%	0.223%
11	9.657	1284	1287	1295	rBB2	20031	21597	2.92%	0.296%
12	9.945	1332	1336	1349	rVB	687433	581796	78.55%	7.977%
13	10.733	1466	1470	1476	rBV	583984	504702	68.14%	6.920%
14	11.433	1585	1589	1592	rBV	706691	568495	76.75%	7.795%
15	11.457	1592	1593	1595	rVB	28997	14504	1.96%	0.199%
16	11.957	1675	1678	1682	rBV4	40085	39724	5.36%	0.545%
17	12.645	1792	1795	1798	rBV	60306	55580	7.50%	0.762%
18	12.874	1829	1834	1839	rVB	51527	56274	7.60%	0.772%
19	13.015	1854	1858	1862	rVB	832784	715151	96.55%	9.806%
20	13.133	1875	1878	1882	rBV6	7748	10730	1.45%	0.147%
21	13.598	1951	1957	1959	rBV6	9702	17238	2.33%	0.236%
22	13.704	1973	1975	1980	rVB6	8419	11227	1.52%	0.154%
23	13.915	2008	2011	2018	rVB	115020	133231	17.99%	1.827%
24	14.074	2033	2038	2041	rBV	508874	482883	65.20%	6.621%
25	14.098	2041	2042	2045	rVB3	32826	23707	3.20%	0.325%
26	14.239	2062	2066	2069	rBV6	11933	19313	2.61%	0.265%
27	14.356	2084	2086	2089	rBV3	9859	10741	1.45%	0.147%
28	14.456	2101	2103	2105	rVB3	15561	14177	1.91%	0.194%
29	14.556	2117	2120	2125	rBV7	18995	23815	3.22%	0.327%
30	15.121	2214	2216	2217	rBV2	24023	17807	2.40%	0.244%
31	15.203	2229	2230	2234	rVB3	22628	26127	3.53%	0.358%
32	15.574	2288	2293	2297	rBV	242830	305675	41.27%	4.191%
33	16.062	2373	2376	2380	rVB6	23906	22606	3.05%	0.310%
34	16.433	2437	2439	2442	rBV4	10942	12189	1.65%	0.167%
35	18.780	2834	2838	2839	rBV4	10025	14141	1.91%	0.194%

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 7293220

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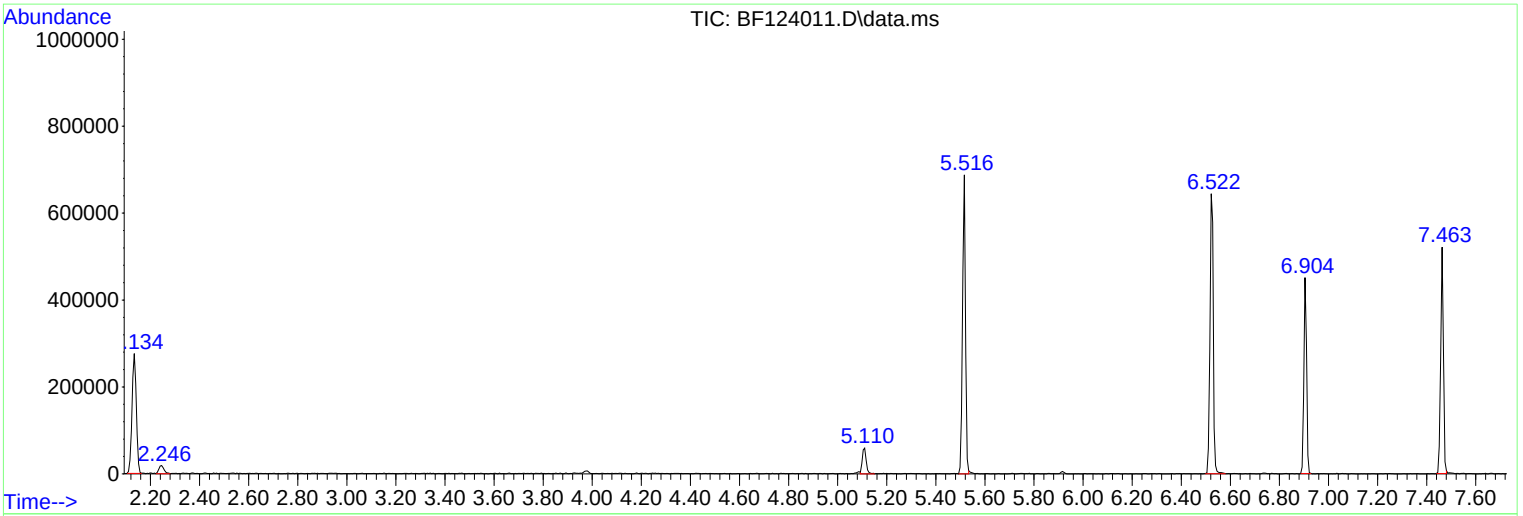
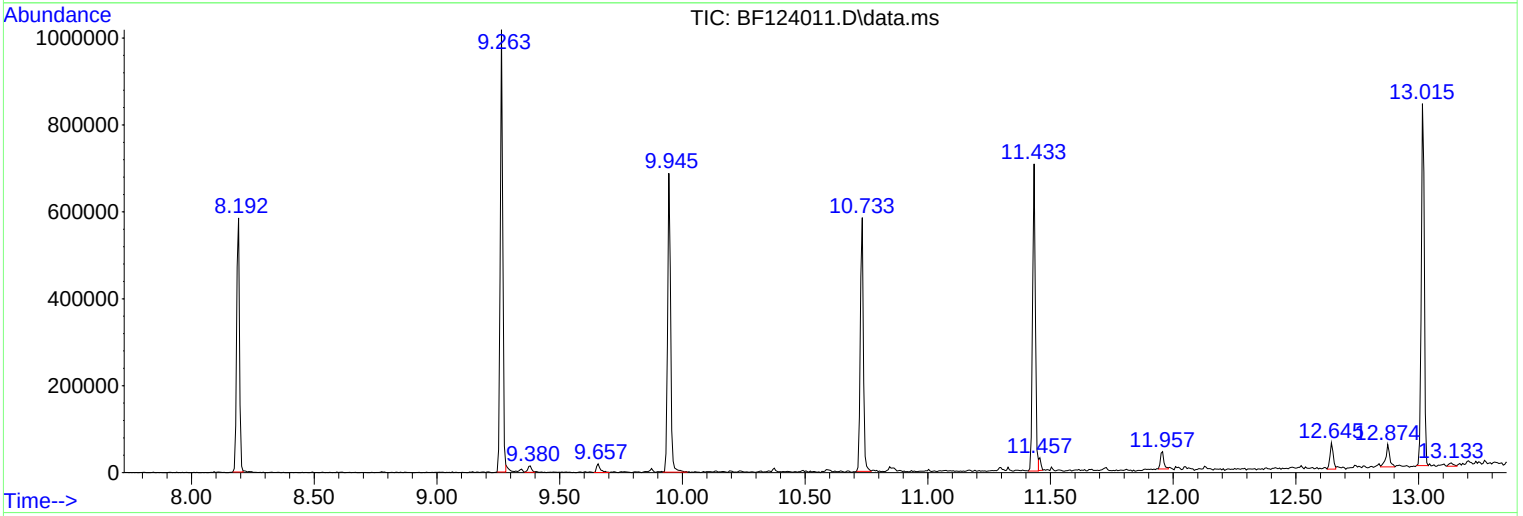
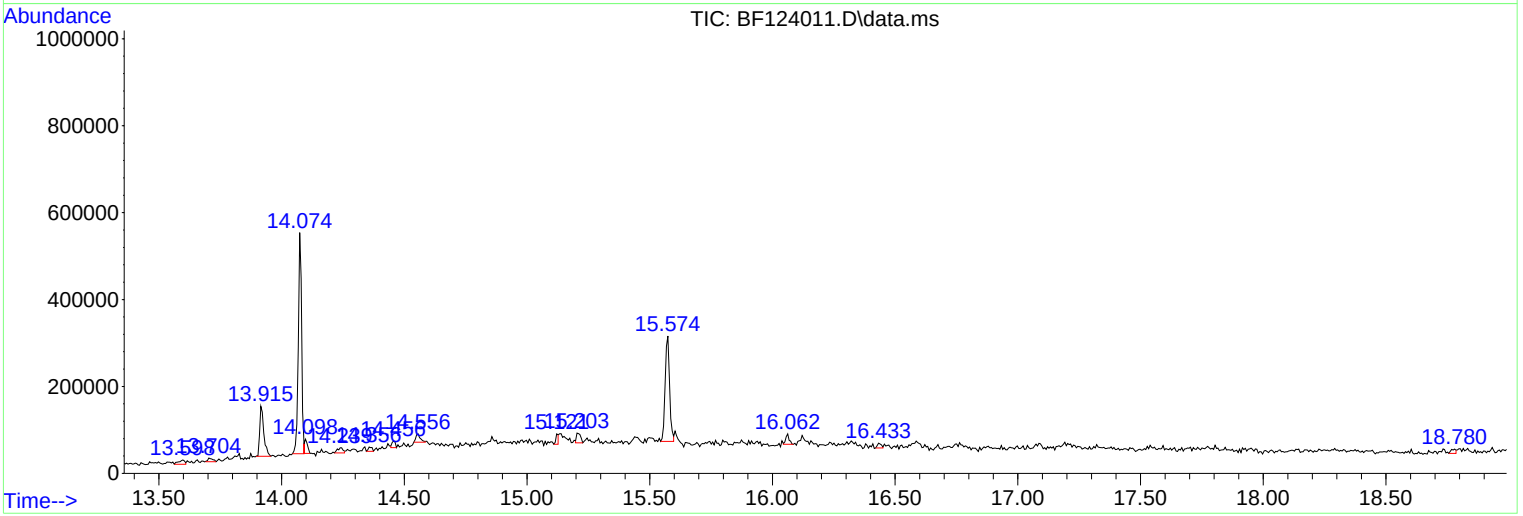
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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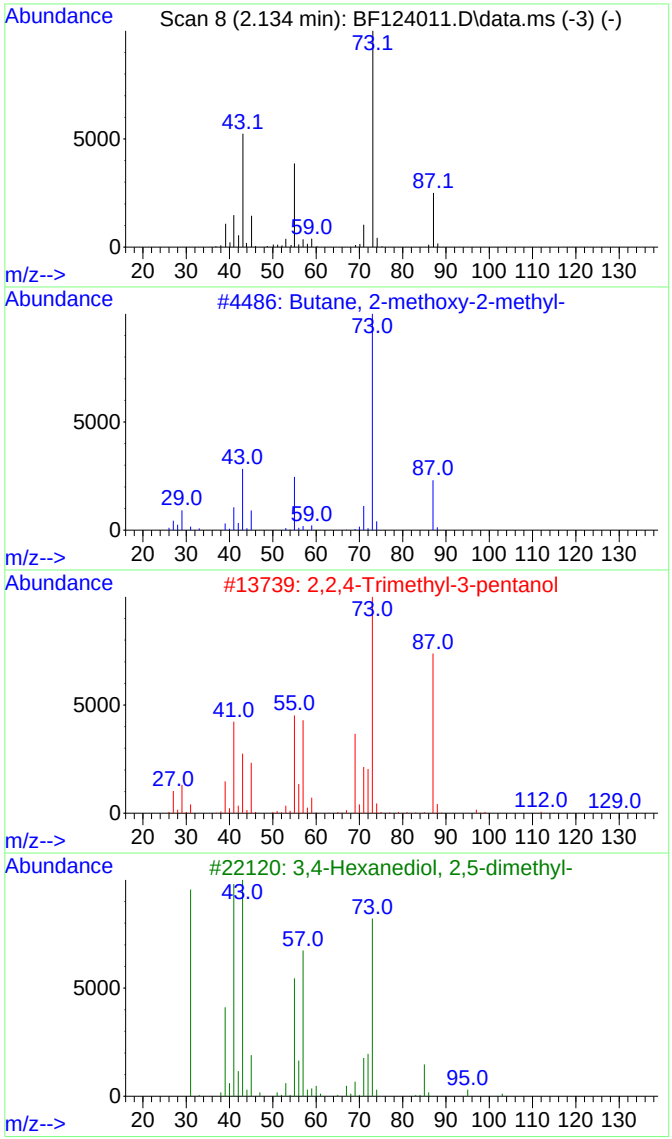
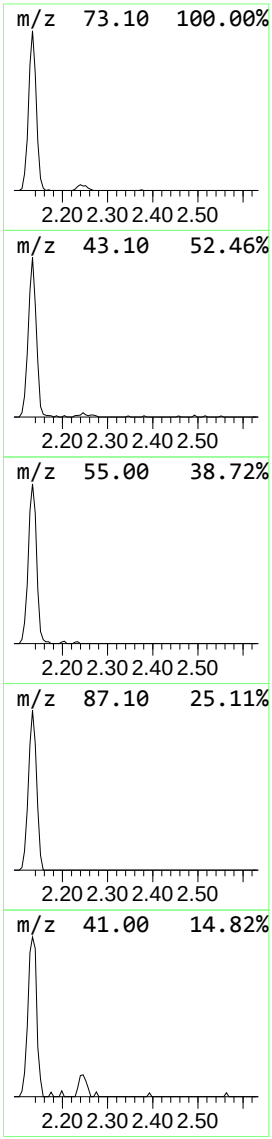
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.134	19.35 ng	335678	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	3,4-Hexanediol, 2,5-dimethyl-	146	C8H18O2	022607-11-0	23
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	9
5	(R)-3-Pyrrolidinol	87	C4H9NO	002799-21-5	9





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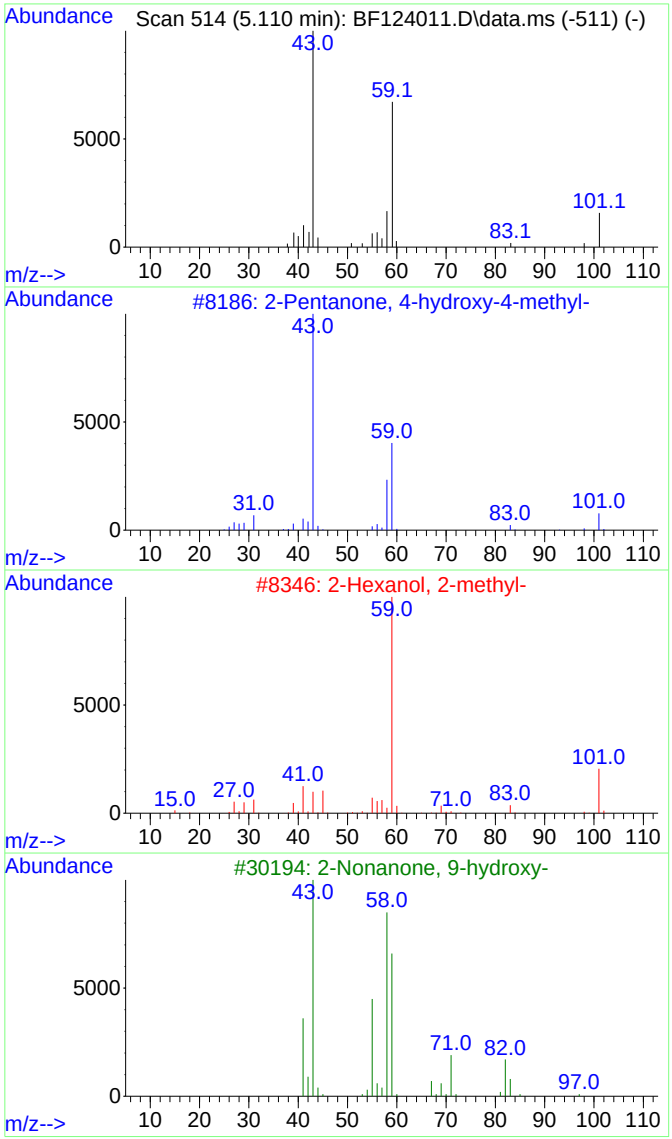
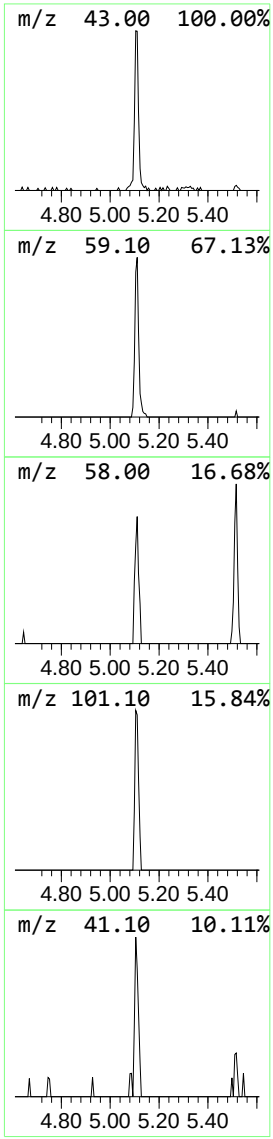
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	3.79 ng	65802	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
3	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	36
4	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	28
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9





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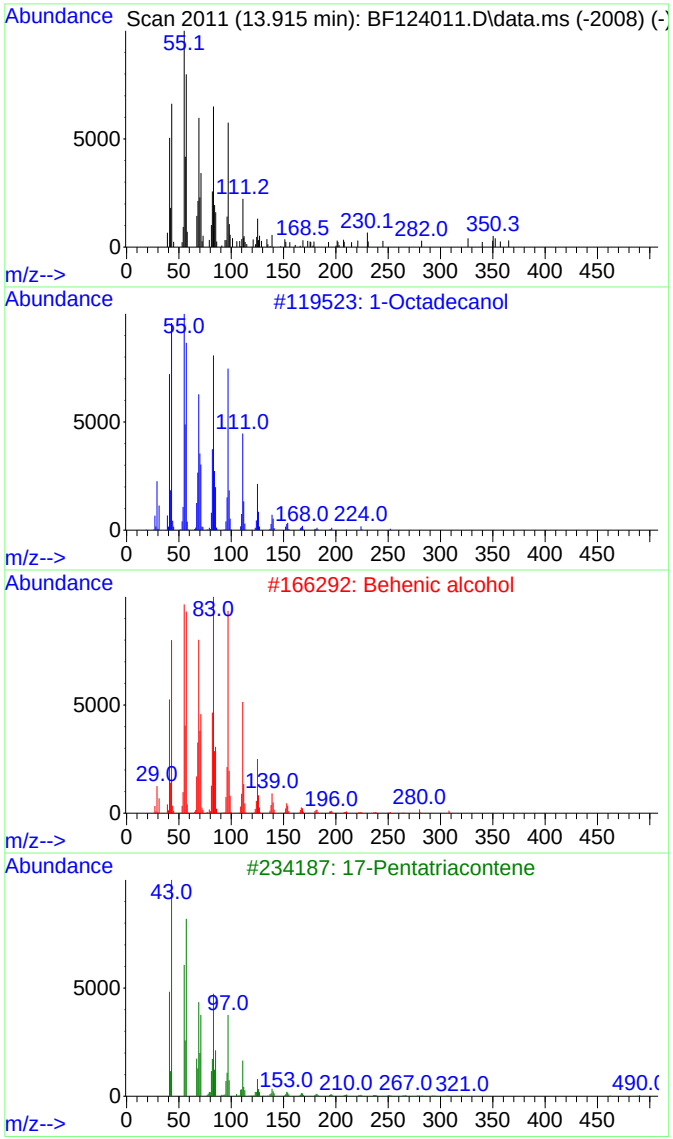
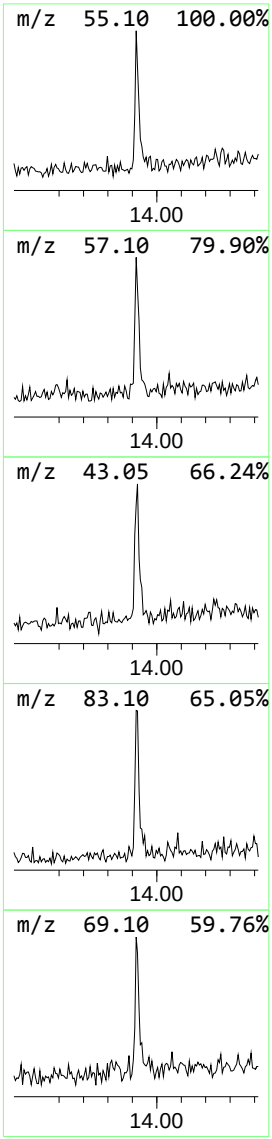
****

Peak Number 4 1-Octadecanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.915	5.52 ng	133231	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	90
2	Behenic alcohol	326	C22H46O	000661-19-8	90
3	17-Pentatriacontene	491	C35H70	006971-40-0	87
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	87
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	87





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.134	19.4	ng	335678	1	6.904	346917	20.0
2-Pentanone, 4-...	5.110	3.8	ng	65802	1	6.904	346917	20.0
1-Octadecanol	13.915	5.5	ng	133231	5	14.074	482883	20.0