LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100919\
Data File : BP000582.D
Acq On : 09 Oct 2019 20:42
Operator : JU
Sample : K5201-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC2

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-BP100919MA.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	2.364	44	47	58	rBV	58516	81156	1.70%	0.167%
2	3.734	276	280	282	rBV	4313	6705	0.14%	0.014%
3	3.758	282	284	290	rVB	9157	12888	0.27%	0.026%
4	4.299	373	376	384	rBV	14305	17992	0.38%	0.037%
5	4.764	447	455	459	rBV	5949	7726	0.16%	0.016%
6	6.064	672	676	681	rBV	5121	6036	0.13%	0.012%
7	6.387	728	731	736	rBV2	429890	419397	8.76%	0.862%
8	6.434	736	739	750	rVB	1437016	1136080	23.73%	2.334%
9	6.522	750	754	762	rBV	1659233	1280305	26.75%	2.631%
10	6.752	790	793	802	rBV	1772925	1363067	28.48%	2.801%
11	6.822	802	805	812	rVB	5901	7846	0.16%	0.016%
12	7.134	855	858	873	rBV	1209986	973755	20.34%	2.001%
13	7.311	884	888	891	rBV	1785053	1331549	27.82%	2.736%
14	7.528	922	925	929	rVB	22796	17869	0.37%	0.037%
15	7.634	940	943	947	rBV	1301961	1100426	22.99%	2.261%
16	7.881	982	985	1008	rBV	1959227	1803927	37.69%	3.707%
17	8.034	1008	1011	1015	rVV	2329684	1856475	38.78%	3.815%
18	8.099	1018	1022	1030	rVB	77537	76796	1.60%	0.158%
19	8.316	1055	1059	1063	rVB	5600	6206	0.13%	0.013%
20	8.387	1068	1071	1077	rVV4	7550	11407	0.24%	0.023%
21	8.440	1077	1080	1091	rVB4	4111	9464	0.20%	0.019%
22	8.722	1124	1128	1134	rBV	31241	30420	0.64%	0.063%
23	9.116	1191	1195	1203	rVB2	7464	10725	0.22%	0.022%
24	9.205	1203	1210	1211	rBV6	4752	7779	0.16%	0.016%
25	9.240	1214	1216	1219	rVV	11043	10512	0.22%	0.022%
26	9.281	1219	1223	1228	rVB4	3347	6324	0.13%	0.013%
27	9.493	1255	1259	1261	rBV	3466553	2660115	55.57%	5.466%
28	9.510	1261	1262	1266	rVB	452443	290847	6.08%	0.598%
29	9.552	1267	1269	1277	rVB9	5683	8364	0.17%	0.017%
30	9.646	1281	1285	1288	rBV	3906091	3370131	70.41%	6.925%
31	9.740	1298	1301	1305	rVB2	8855	7823	0.16%	0.016%
32	9.799	1307	1311	1314	rBV	3069817	2366235	49.43%	4.862%
33	9.910	1326	1330	1338	rBV	218481	243186	5.08%	0.500%
34	10.010	1344	1347	1352	rVB5	11933	12570	0.26%	0.026%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Title : SVOA CALIBRATION

35	10.216	1378	1382	1384	rBV2	6662	7096	0.15%	0.015%
36	10.240	1384	1386	1389	rVB	7739	5841	0.12%	0.012%
37	10.322	1396	1400	1403	rBV	4928238	4020765	84.00%	8.262%
38	10.387	1408	1411	1419	rBV	985935	891224	18.62%	1.831%
39	10.446	1419	1421	1426	rVB	58773	57868	1.21%	0.119%
40	10.634	1450	1453	1457	rBV5	6716	9061	0.19%	0.019%
41	10.693	1461	1463	1465	rVV3	7546	6912	0.14%	0.014%
42	10.716	1465	1467	1470	rVV	24606	21880	0.46%	0.045%
43	10.746	1470	1472	1476	rVB2	23377	20123	0.42%	0.041%
44	10.869	1490	1493	1495	rBV	5656	5033	0.11%	0.010%
45	10.987	1510	1513	1515	rBV4	7688	6224	0.13%	0.013%
46	11.081	1527	1529	1532	rVB	6227	5565	0.12%	0.011%
47	11.110	1532	1534	1537	rVB2	11133	8641	0.18%	0.018%
48	11.169	1540	1544	1549	rBV2	15749	21459	0.45%	0.044%
49	11.222	1550	1553	1556	rVB	13444	10826	0.23%	0.022%
50	11.293	1562	1565	1569	rBV	3031878	2540956	53.08%	5.221%
51	11.352	1571	1575	1578	rBV	5004799	4089413	85.43%	8.403%
52	11.440	1588	1590	1593	rVB4	6178	5402	0.11%	0.011%
53	11.522	1600	1604	1611	rVB3	8720	13961	0.29%	0.029%
54	11.840	1654	1658	1661	rBV3	59828	66686	1.39%	0.137%
55	12.016	1685	1688	1691	rBV5	11478	16334	0.34%	0.034%
56	12.104	1700	1703	1712	rVB2	14134	24946	0.52%	0.051%
57	12.193	1716	1718	1722	rVB2	6271	7295	0.15%	0.015%
58	12.257	1727	1729	1733	rVB3	6234	5574	0.12%	0.011%
59	12.410	1752	1755	1758	rVB	11169	10480	0.22%	0.022%
60	12.499	1767	1770	1777	rVB	59308	53939	1.13%	0.111%
61	12.628	1790	1792	1794	rBV3	8879	8916	0.19%	0.018%
62	12.657	1794	1797	1803	rVB	52930	47686	1.00%	0.098%
63	12.734	1806	1810	1814	rVV	5264771	4786599	100.00%	9.836%
64	12.787	1816	1819	1820	rVV	24140	22716	0.47%	0.047%
65	12.804	1820	1822	1825	rVB2	23339	19045	0.40%	0.039%
66	12.899	1835	1838	1842	rVB	7020	6466	0.14%	0.013%
67	13.146	1876	1880	1888	rBV	45227	48483	1.01%	0.100%
68	13.375	1914	1919	1920	rBV4	12854	16304	0.34%	0.034%
69	13.493	1936	1939	1941	rBV	63377	51742	1.08%	0.106%
70	13.516	1941	1943	1945	rVB3	9453	7000	0.15%	0.014%
71	13.828	1992	1996	2012	rVB2	265790	488518	10.21%	1.004%

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Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Title : SVOA CALIBRATION

72	13.963	2015	2019	2023	rBV	2747255	2544353	53.16%	5.228%
73	14.146	2047	2050	2060	rBV	122521	109832	2.29%	0.226%
74	14.457	2099	2103	2106	rBV	130478	129446	2.70%	0.266%
75	14.763	2152	2155	2162	rBV	141500	137843	2.88%	0.283%
76	14.969	2186	2190	2195	rBV	52579	62625	1.31%	0.129%
77	15.104	2209	2213	2219	rBV	135954	161292	3.37%	0.331%
78	15.351	2249	2255	2265	rBV	3864650	4525688	94.55%	9.300%
79	15.440	2265	2270	2275	rVV	2155058	2562480	53.53%	5.265%
80	15.487	2275	2278	2287	rVB	112018	158090	3.30%	0.325%
81	15.928	2348	2353	2359	rBV	79565	126499	2.64%	0.260%
82	16.004	2362	2366	2371	rBV5	24574	44319	0.93%	0.091%
83	16.434	2435	2439	2452	rVB2	55838	114351	2.39%	0.235%

Sum of corrected areas: 48665900

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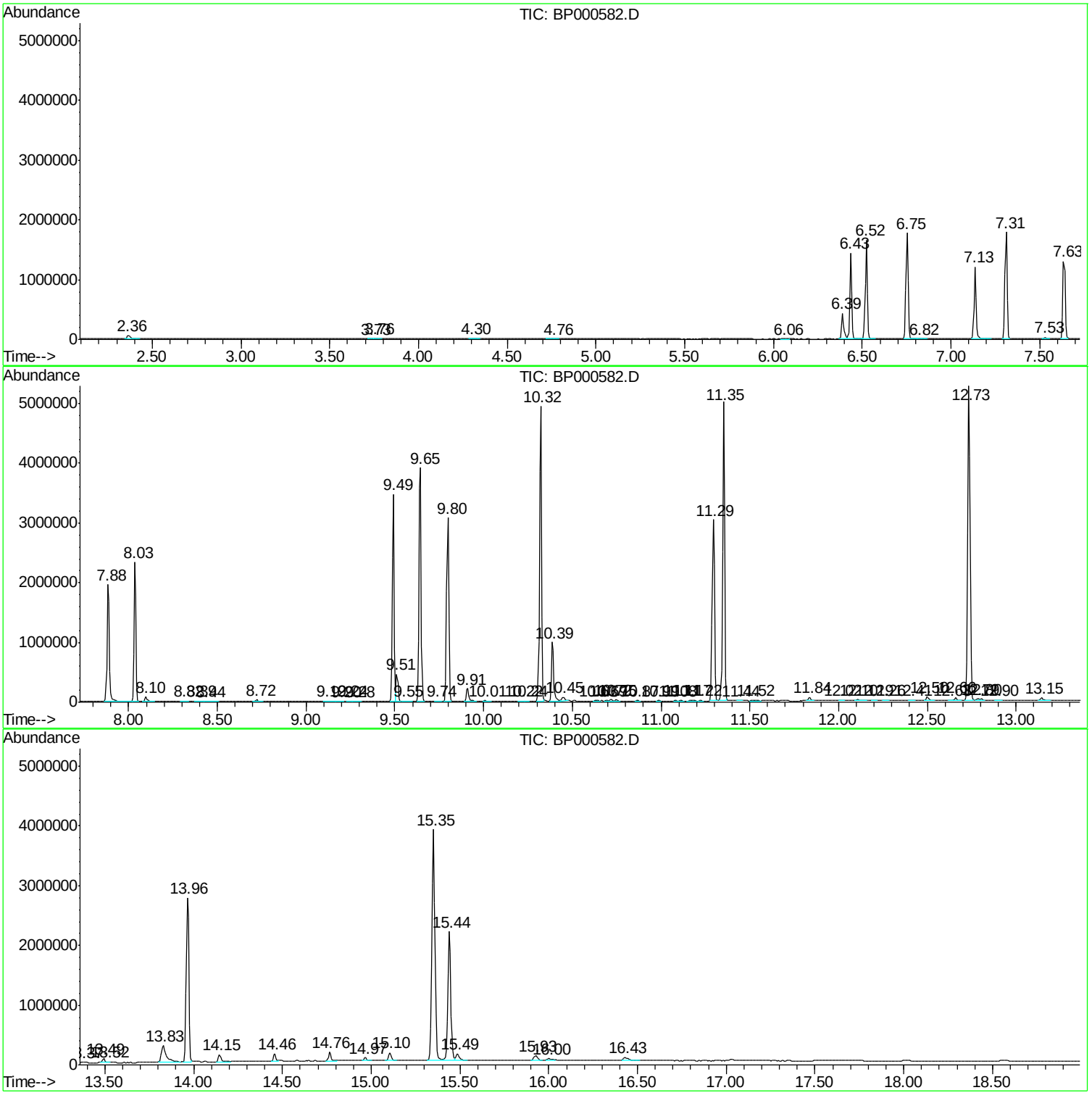
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

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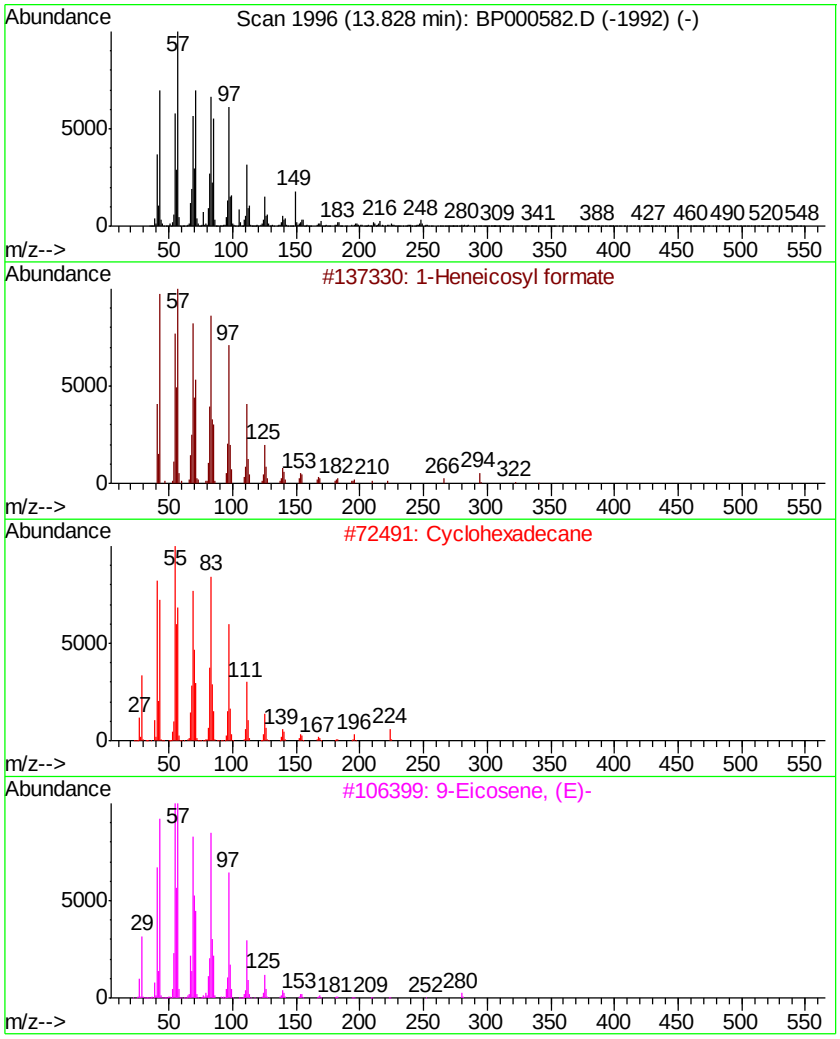
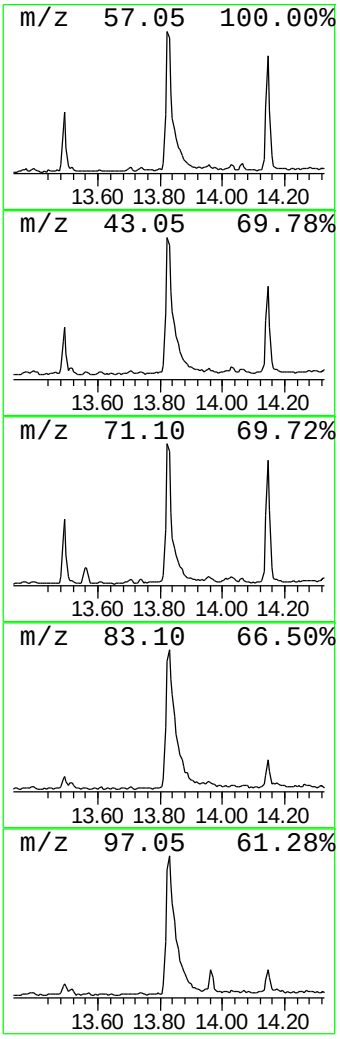
Peak Number 1 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	3.84 ng/ul	488518	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	99
2	Cyclohexadecane	224	C16H32	000295-65-8	93
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	86
4	10-Heneicosene (c,t)	294	C21H42	095008-11-0	86
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	83





Tentatively Identified Compound (LSC) summary

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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
1-Heneicosyl formate	13.83	3.8	ng/ul	488518	5	13.96	2544350	20.0