LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121428.D
Acq On : 25 Aug 2020 15:27
Operator : JU/CG
Sample : L3785-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-09

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-BF081920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.881	473	475	485	rVB	29608	42635	1.60%	0.163%
2	5.310	544	548	569	rBV	1834591	2049552	77.07%	7.858%
3	6.345	720	724	743	rBV	1837250	2058868	77.42%	7.894%
4	6.534	753	756	766	rBV	174000	186319	7.01%	0.714%
5	6.692	780	783	787	rBV	997746	773015	29.07%	2.964%
6	7.263	875	880	892	rBV	1381629	1435310	53.97%	5.503%
7	7.975	997	1001	1020	rBV	1107851	1077780	40.53%	4.132%
8	8.745	1129	1132	1137	rBV	40101	38494	1.45%	0.148%
9	9.051	1180	1184	1195	rBV	2611391	2433712	91.52%	9.331%
10	9.445	1248	1251	1258	rBV	525864	511645	19.24%	1.962%
11	9.727	1295	1299	1303	rBV	1452066	1235904	46.47%	4.738%
12	9.757	1303	1304	1309	rVB	38670	30147	1.13%	0.116%
13	9.933	1331	1334	1339	rBV	30672	31296	1.18%	0.120%
14	10.275	1389	1392	1397	rBV	63688	55501	2.09%	0.213%
15	10.522	1429	1434	1444	rBV	1570828	1647831	61.96%	6.318%
16	10.645	1450	1455	1464	rVB7	15104	28332	1.07%	0.109%
17	11.210	1547	1551	1554	rBV	1426510	1394121	52.42%	5.345%
18	11.233	1554	1555	1559	rVV	475506	318071	11.96%	1.219%
19	11.286	1559	1564	1567	rVV2	62799	71726	2.70%	0.275%
20	11.327	1567	1571	1577	rVB	29432	29334	1.10%	0.112%
21	11.451	1587	1592	1599	rBV2	52649	68156	2.56%	0.261%
22	11.710	1633	1636	1639	rBV	48034	49661	1.87%	0.190%
23	11.745	1639	1642	1645	rBV2	102786	99923	3.76%	0.383%
24	11.821	1652	1655	1658	rBV	83701	87316	3.28%	0.335%
25	12.010	1684	1687	1689	rVB	38449	29259	1.10%	0.112%
26	12.263	1727	1730	1733	rBV	29810	28480	1.07%	0.109%
27	12.298	1733	1736	1738	rVV2	31685	31616	1.19%	0.121%
28	12.351	1742	1745	1749	rVB2	67627	63921	2.40%	0.245%
29	12.421	1753	1757	1761	rBV	706394	601246	22.61%	2.305%
30	12.651	1788	1796	1799	rBV	597816	589805	22.18%	2.261%
31	12.704	1802	1805	1809	rVB2	29048	33518	1.26%	0.129%
32	12.798	1813	1821	1824	rBV	2702548	2659345	100.00%	10.196%
33	12.874	1828	1834	1838	rBV2	41170	66740	2.51%	0.256%
34	12.957	1845	1848	1850	rBV2	41461	53201	2.00%	0.204%

LSC Area Percent Report

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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-BF081920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.980	1850	1852	1855	rVB	96005	77322	2.91%	0.296%
36	13.045	1855	1863	1866	rBV2	86655	107964	4.06%	0.414%
37	13.080	1866	1869	1874	rVV	54613	64692	2.43%	0.248%
38	13.210	1888	1891	1894	rBV2	25766	32249	1.21%	0.124%
39	13.368	1914	1918	1922	rBV6	27424	43824	1.65%	0.168%
40	13.492	1936	1939	1946	rVB	51390	56732	2.13%	0.218%
41	13.598	1952	1957	1959	rBV	63571	60457	2.27%	0.232%
42	13.621	1959	1961	1963	rVV	41991	36778	1.38%	0.141%
43	13.651	1963	1966	1967	rVV	45240	38553	1.45%	0.148%
44	13.704	1971	1975	1984	rVV4	274355	491265	18.47%	1.884%
45	13.851	1992	2000	2003	rBV	1596900	1729895	65.05%	6.632%
46	13.874	2003	2004	2012	rVB	272297	181006	6.81%	0.694%
47	13.951	2012	2017	2019	rBV2	26120	31248	1.18%	0.120%
48	13.980	2019	2022	2024	rBV2	39008	37690	1.42%	0.145%
49	14.015	2025	2028	2031	rVV2	67828	55142	2.07%	0.211%
50	14.233	2061	2065	2069	rBV	44172	52776	1.98%	0.202%
51	14.321	2075	2080	2083	rBV3	70872	90851	3.42%	0.348%
52	14.357	2083	2086	2089	rBV3	34203	39553	1.49%	0.152%
53	14.545	2110	2118	2120	rBV8	31122	57855	2.18%	0.222%
54	14.615	2127	2130	2133	rVB	98607	91181	3.43%	0.350%
55	14.680	2138	2141	2144	rBV	57790	59801	2.25%	0.229%
56	14.862	2168	2172	2179	rBV	205306	358957	13.50%	1.376%
57	14.927	2180	2183	2187	rVB2	101413	111588	4.20%	0.428%
58	14.962	2187	2189	2193	rBV	29119	29563	1.11%	0.113%
59	15.045	2201	2203	2210	rBV7	15230	27939	1.05%	0.107%
60	15.145	2217	2220	2226	rVB	111974	132396	4.98%	0.508%
61	15.204	2226	2230	2235	rBV	131255	157682	5.93%	0.605%
62	15.268	2235	2241	2251	rBV	1054958	1413846	53.17%	5.421%
63	15.680	2305	2311	2319	rBV	104498	165295	6.22%	0.634%
64	15.768	2320	2326	2327	rBV6	33119	64466	2.42%	0.247%
65	16.139	2386	2389	2394	rVB	34465	49929	1.88%	0.191%
66	16.627	2467	2472	2477	rBV2	58419	109145	4.10%	0.418%
67	16.680	2479	2481	2488	rVB6	25449	41963	1.58%	0.161%
68	17.039	2537	2542	2549	rVB	35325	71169	2.68%	0.273%

Sum of corrected areas: 26082552

LSC Report - Integrated Chromatogram

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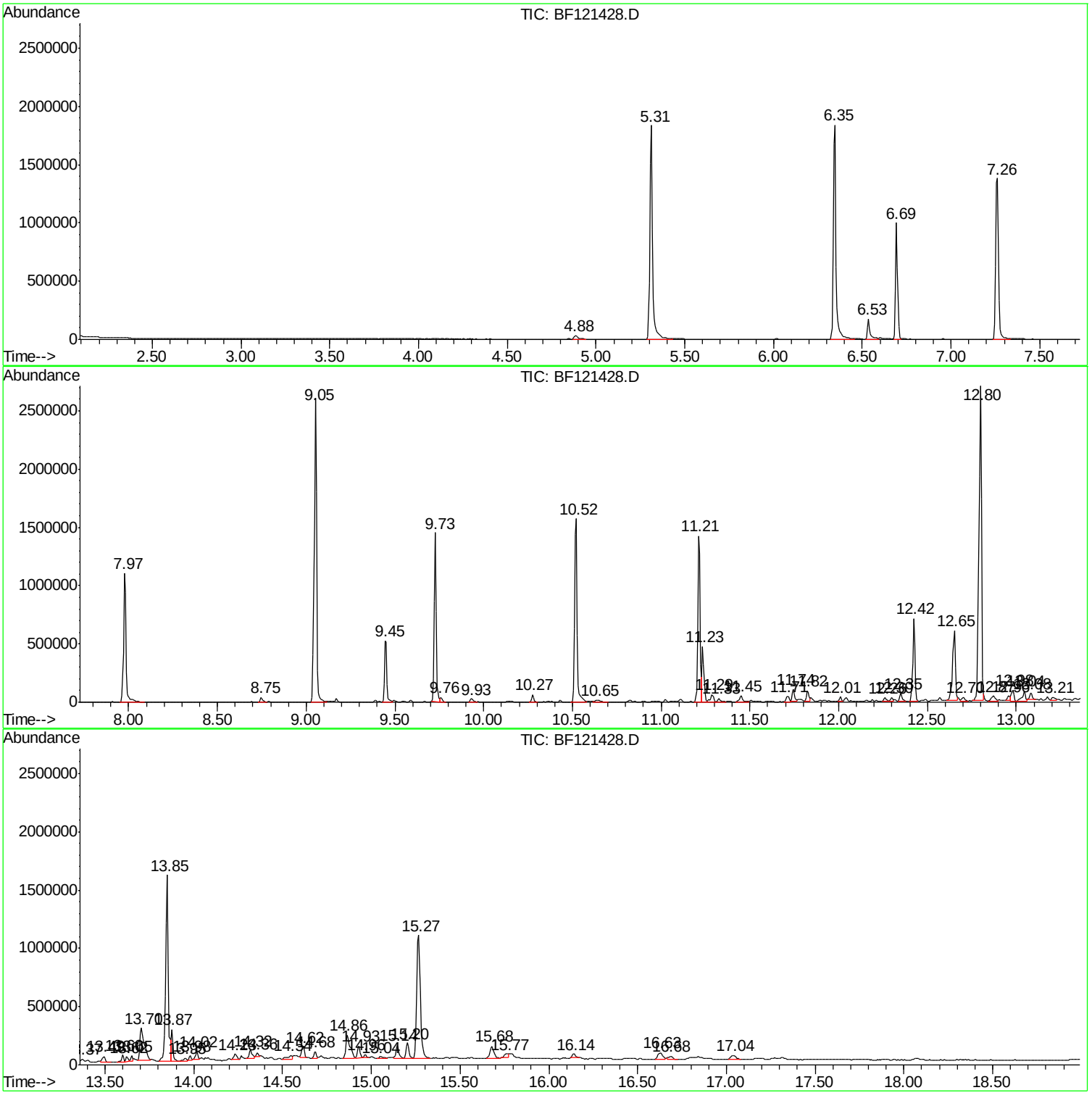
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121428.D
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Instrument : BNA_F
ClientSampleId : CHRT-09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

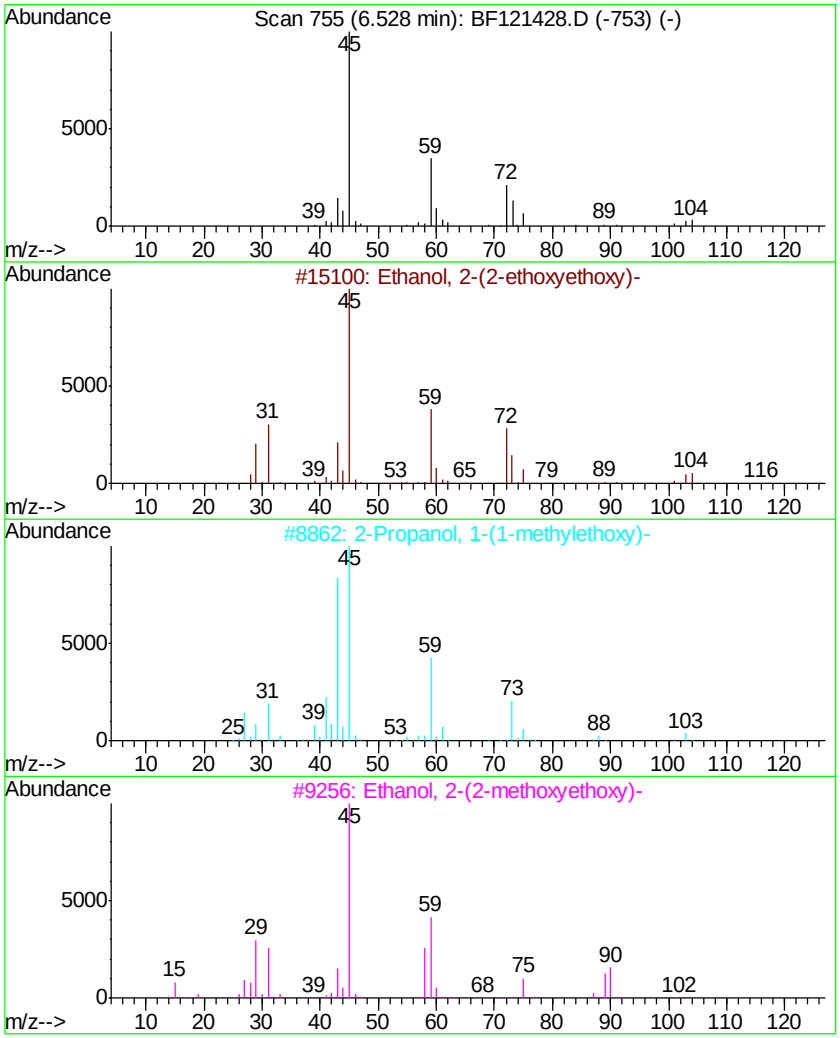
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

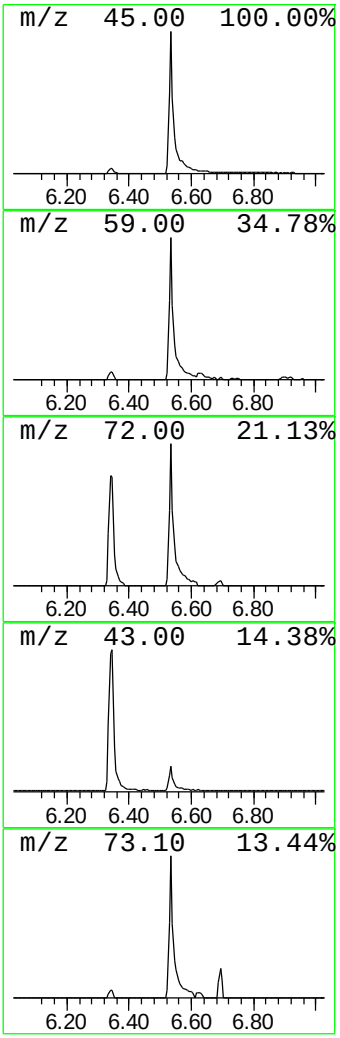
****

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	4.82 ng	186319	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
3	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42
4	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	38
5	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	32





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Instrument : BNA_F
ClientSampleId : CHRT-09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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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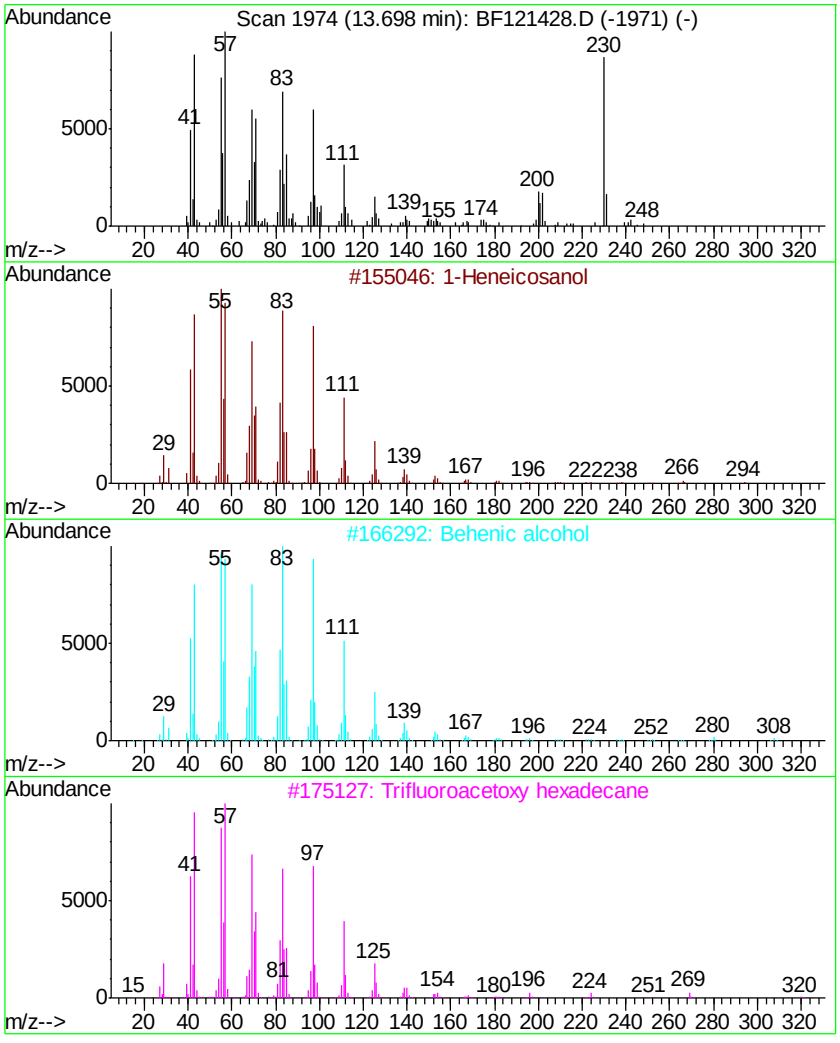
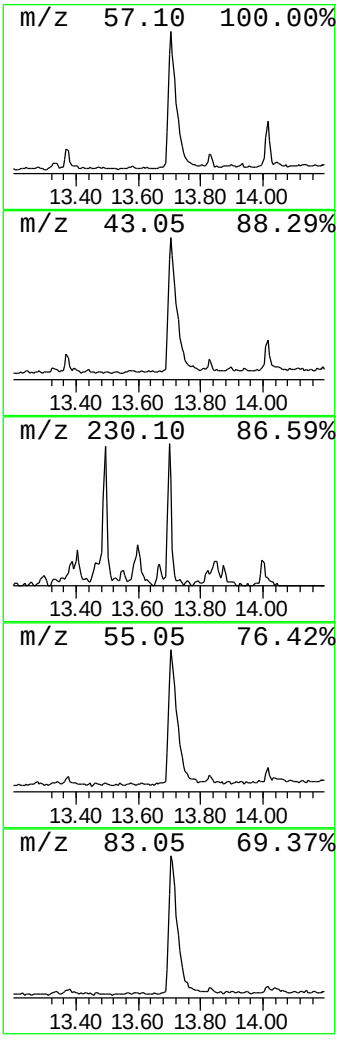
Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	5.68 ng	491265	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	87





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

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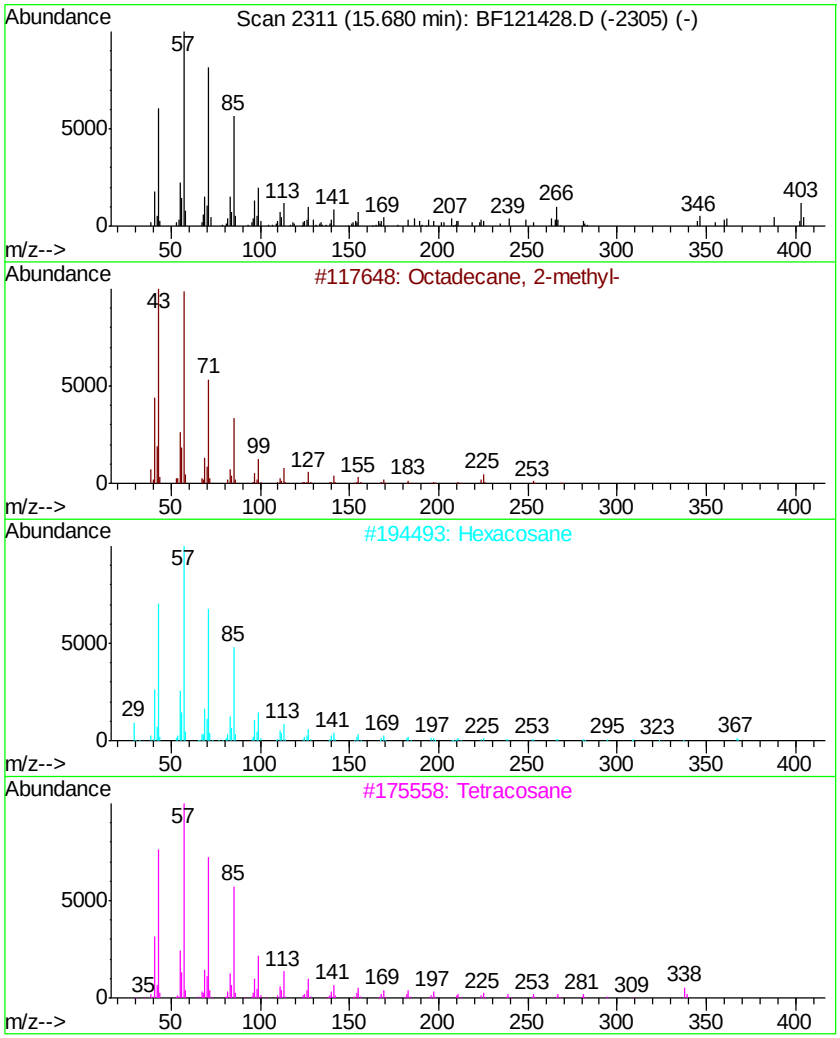
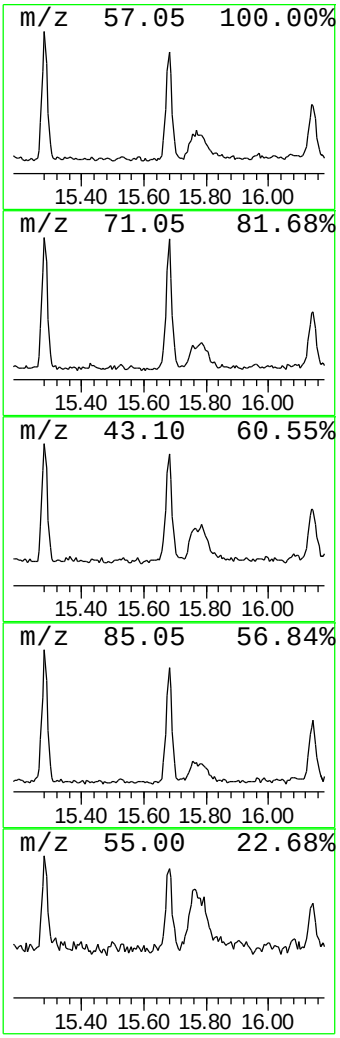
Peak Number 3 Octadecane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	2.34 ng	165295	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	89
2	Hexacosane	366	C26H54	000630-01-3	76
3	Tetracosane	338	C24H50	000646-31-1	76
4	Heneicosane	296	C21H44	000629-94-7	76
5	2-methyloctacosane	408	C29H60	1000376-72-8	76





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-eth...	6.53	4.8	ng	186319	1	6.69	773015	20.0
1-Heneicosanol	13.70	5.7	ng	491265	5	13.85	1729900	20.0
Octadecane, 2-met...	15.68	2.3	ng	165295	6	15.27	1413850	20.0