LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090217\
Data File : BF098258.D
Acq On : 2 Sep 2017 21:00
Operator : SJ/JU
Sample : I5026-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-17(0-10)COMP

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:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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	472	475	488	rBV	56260	62325	6.58%	0.526%
2	5.310	544	548	562	rBV	619809	571377	60.29%	4.822%
3	6.345	721	724	738	rVB	720836	622669	65.70%	5.255%
4	6.475	743	746	750	rBV	717990	606476	63.99%	5.118%
5	6.710	782	786	794	rVB	858657	692873	73.11%	5.847%
6	6.863	808	812	816	rBV	591483	466812	49.25%	3.940%
7	7.269	878	881	887	rBV	381324	352292	37.17%	2.973%
8	7.992	998	1004	1007	rBV	1016609	841045	88.74%	7.098%
9	8.057	1013	1015	1018	rVB	16288	12413	1.31%	0.105%
10	8.416	1072	1076	1078	rBV	24028	21767	2.30%	0.184%
11	8.551	1097	1099	1102	rVB	20523	15241	1.61%	0.129%
12	9.016	1175	1178	1183	rBV	30584	22918	2.42%	0.193%
13	9.069	1183	1187	1197	rVB	702156	617999	65.21%	5.215%
14	9.151	1197	1201	1206	rBV3	17353	24354	2.57%	0.206%
15	9.404	1242	1244	1247	rBV3	17351	14071	1.48%	0.119%
16	9.463	1250	1254	1258	rVB2	95895	105735	11.16%	0.892%
17	9.604	1276	1278	1283	rBV4	13436	15540	1.64%	0.131%
18	9.651	1283	1286	1289	rVB2	17407	14868	1.57%	0.125%
19	9.681	1289	1291	1295	rBV4	14734	13375	1.41%	0.113%
20	9.745	1298	1302	1305	rVV	941676	792635	83.63%	6.689%
21	9.775	1305	1307	1310	rVB	34709	31101	3.28%	0.262%
22	9.851	1316	1320	1325	rVB5	9566	14465	1.53%	0.122%
23	9.945	1333	1336	1341	rVB2	21335	18949	2.00%	0.160%
24	10.063	1353	1356	1359	rBV3	11870	10782	1.14%	0.091%
25	10.151	1368	1371	1373	rBV	13759	13588	1.43%	0.115%
26	10.180	1373	1376	1378	rVB	16066	17328	1.83%	0.146%
27	10.292	1391	1395	1402	rVB2	24765	26984	2.85%	0.228%
28	10.398	1410	1413	1419	rVB	28819	28297	2.99%	0.239%
29	10.457	1419	1423	1426	rVB	82774	70536	7.44%	0.595%
30	10.533	1432	1436	1440	rBV	213274	205605	21.69%	1.735%
31	10.663	1453	1458	1461	rBV2	51587	64711	6.83%	0.546%
32	10.851	1484	1490	1494	rBV	25411	43737	4.61%	0.369%
33	11.033	1518	1521	1525	rVB5	10284	11611	1.23%	0.098%
34	11.098	1529	1532	1534	rVV2	26255	26147	2.76%	0.221%

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Acq On : 2 Sep 2017 21:00
Operator : SJ/JU
Sample : I5026-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-17(0-10)COMP

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:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.127	1534	1537	1543	rVB3	37342	39949	4.22%	0.337%
36	11.227	1550	1554	1556	rBV	909244	760789	80.27%	6.420%
37	11.251	1556	1558	1561	rVV	190035	148744	15.69%	1.255%
38	11.304	1561	1567	1570	rVB	48438	53076	5.60%	0.448%
39	11.457	1591	1593	1596	rBV	14861	16211	1.71%	0.137%
40	11.522	1602	1604	1607	rVB	20241	18591	1.96%	0.157%
41	11.557	1607	1610	1612	rBV2	10305	10865	1.15%	0.092%
42	11.627	1619	1622	1628	rVB2	32246	33271	3.51%	0.281%
43	11.692	1628	1633	1634	rBV3	7087	11086	1.17%	0.094%
44	11.727	1636	1639	1641	rVV	29406	26876	2.84%	0.227%
45	11.757	1641	1644	1647	rVB	34881	29337	3.10%	0.248%
46	11.839	1655	1658	1660	rBV2	51785	50755	5.36%	0.428%
47	11.863	1660	1662	1666	rVB2	21567	20618	2.18%	0.174%
48	11.933	1671	1674	1676	rVB	20225	17012	1.79%	0.144%
49	12.022	1686	1689	1691	rBV	23618	18750	1.98%	0.158%
50	12.051	1691	1694	1697	rVB4	19515	19710	2.08%	0.166%
51	12.151	1708	1711	1713	rBV4	11772	11659	1.23%	0.098%
52	12.204	1717	1720	1725	rBV7	17951	31558	3.33%	0.266%
53	12.274	1729	1732	1735	rBV	34602	32461	3.43%	0.274%
54	12.316	1737	1739	1744	rVB3	28142	31560	3.33%	0.266%
55	12.363	1744	1747	1750	rBV3	22082	26506	2.80%	0.224%
56	12.433	1756	1759	1763	rBV	336831	296458	31.28%	2.502%
57	12.480	1764	1767	1769	rVV2	32767	28094	2.96%	0.237%
58	12.539	1773	1777	1778	rBV4	14332	18721	1.98%	0.158%
59	12.663	1793	1798	1801	rBV	312465	324299	34.22%	2.737%
60	12.692	1801	1803	1807	rVB2	52265	57866	6.11%	0.488%
61	12.810	1819	1823	1830	rVB	641589	572938	60.45%	4.835%
62	12.992	1851	1854	1857	rVB	54646	60340	6.37%	0.509%
63	13.057	1861	1865	1868	rVV2	39633	62047	6.55%	0.524%
64	13.092	1868	1871	1880	rVV5	38150	77564	8.18%	0.655%
65	13.386	1919	1921	1924	rVB	48679	41008	4.33%	0.346%
66	13.716	1974	1977	1986	rVB3	98721	129928	13.71%	1.096%
67	13.863	1997	2002	2005	rBV2	887360	947750	100.00%	7.998%
68	13.886	2005	2006	2013	rVB	145160	92848	9.80%	0.784%
69	14.033	2028	2031	2034	rVB	87257	73901	7.80%	0.624%
70	14.339	2080	2083	2086	rBV2	109622	107695	11.36%	0.909%
71	14.633	2131	2133	2136	rBV	108085	97928	10.33%	0.826%

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Misc :
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Instrument : BNA_F
ClientSampleId : B-17(0-10)COMP

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:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.874	2171	2174	2181	rVB	135470	231774	24.46%	1.956%
73	14.951	2185	2187	2190	rVB	92059	78514	8.28%	0.663%
74	15.215	2230	2232	2237	rVB	108382	125267	13.22%	1.057%
75	15.280	2239	2243	2246	rBV	465009	544517	57.45%	4.595%

Sum of corrected areas: 11849467

LSC Report - Integrated Chromatogram

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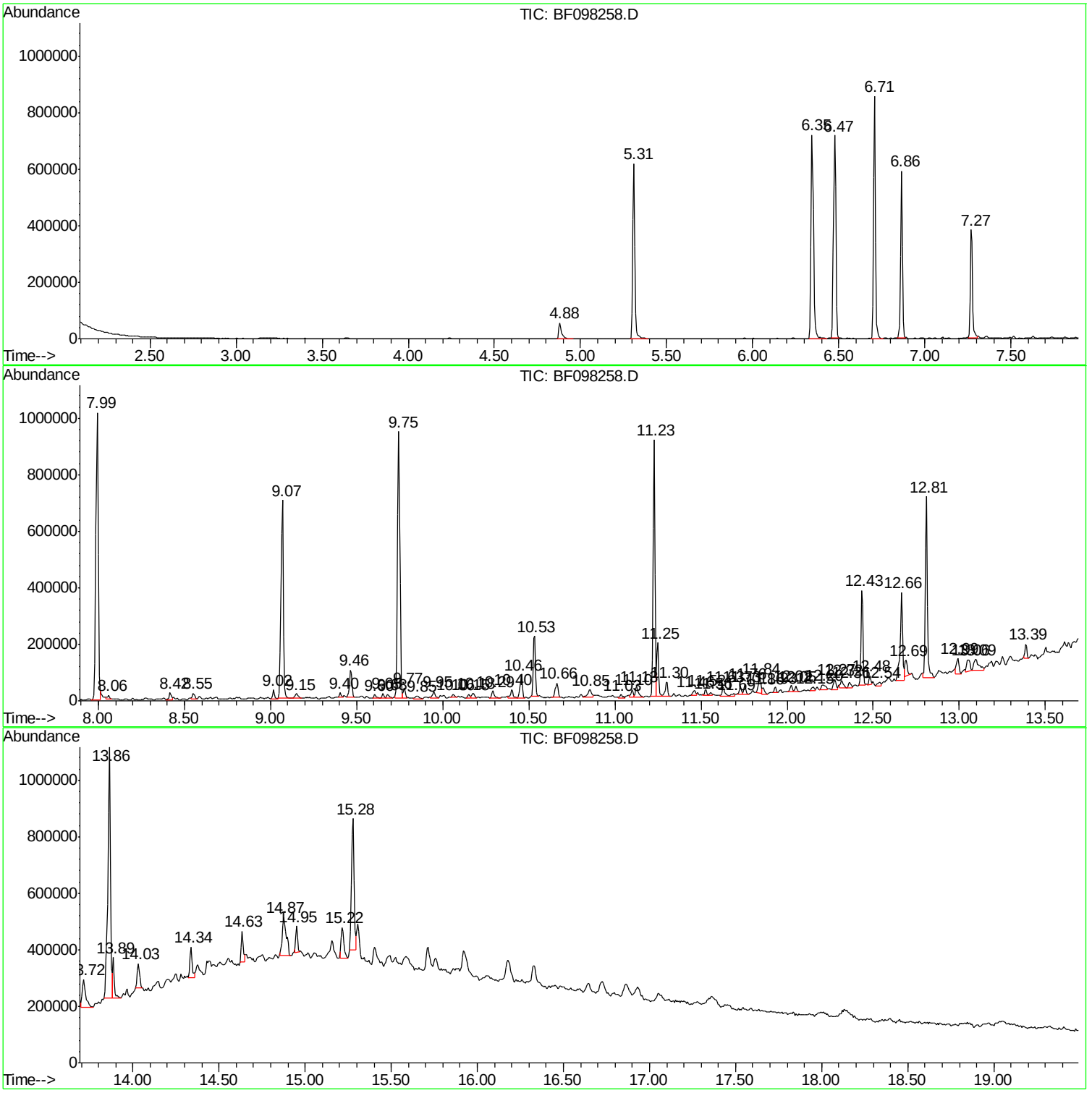
Sample : I5026-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-17(0-10)COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090217\
Data File : BF098258.D
Acq On : 2 Sep 2017 21:00
Operator : SJ/JU
Sample : I5026-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-17(0-10)COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

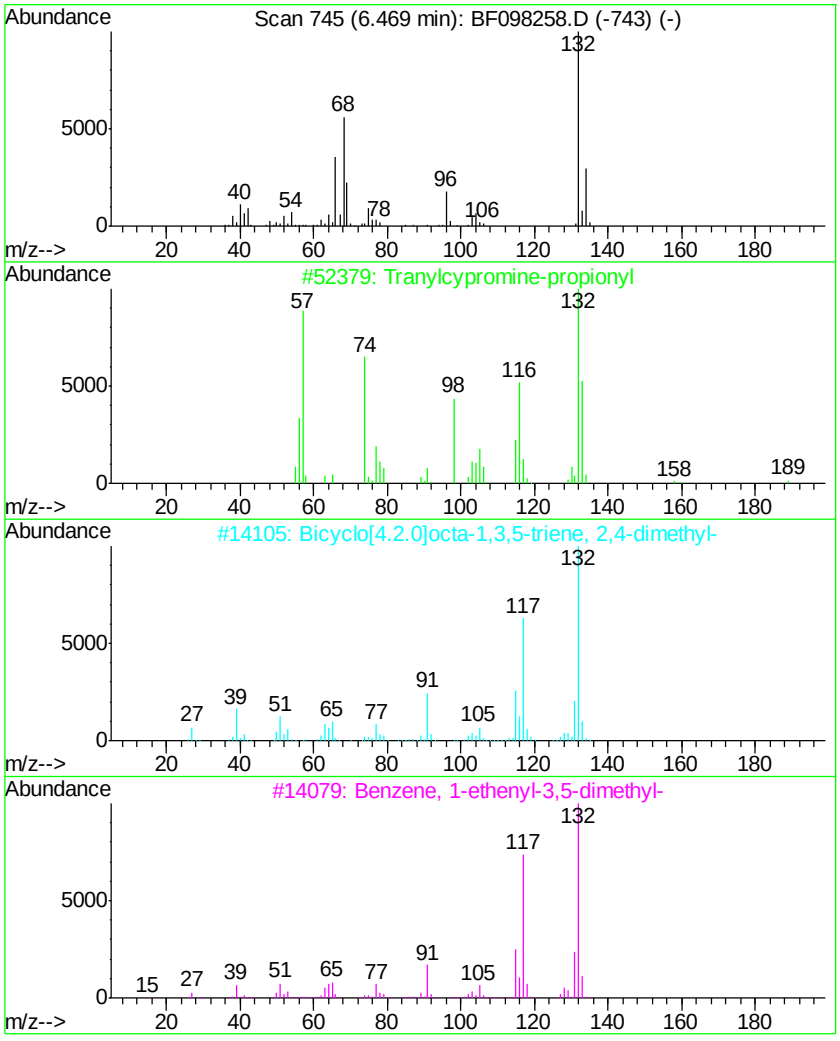
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

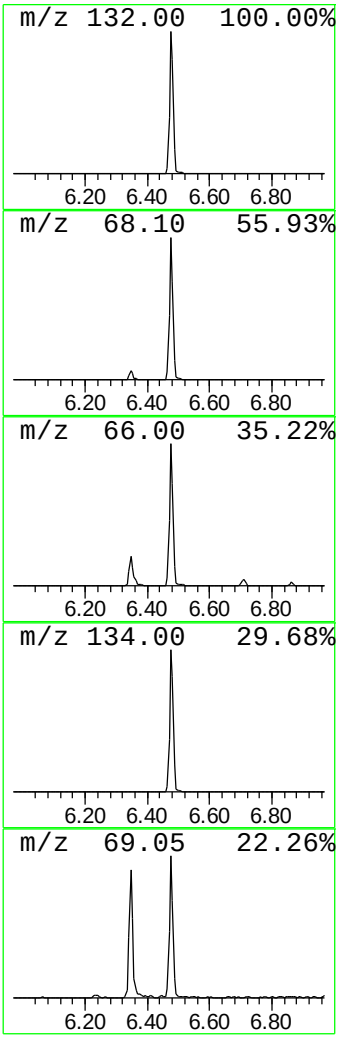
****

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	17.51 ng	606476	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

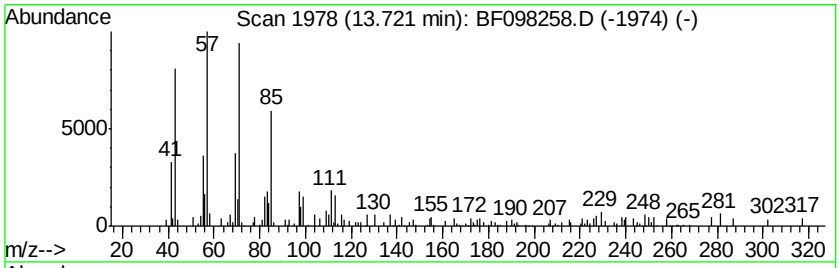
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

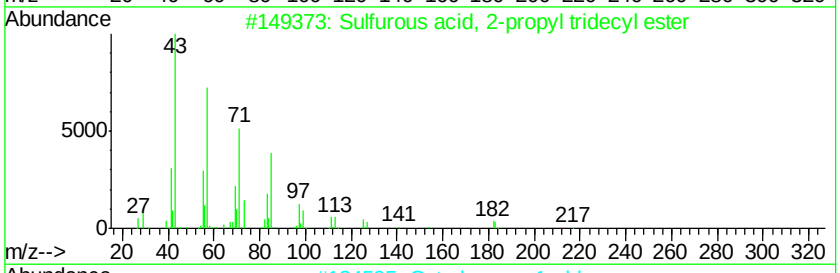
****

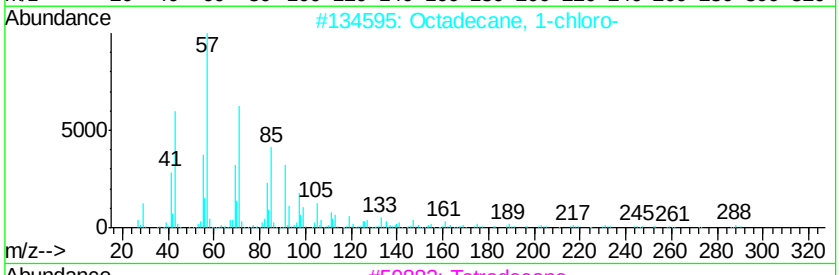
Peak Number 3 Sulfurous acid, 2-propyl tr... Concentration Rank 5

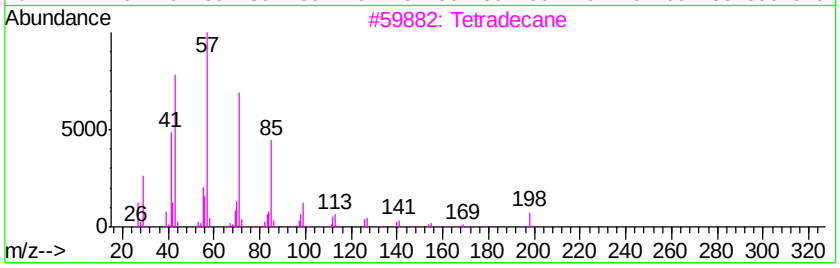
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	2.74 ng	129928	Chrysene-d12	13.86

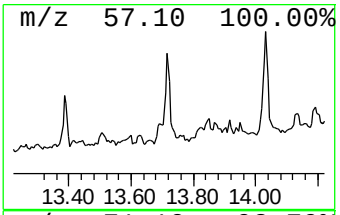
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	80
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	80
3	Tetradecane	198	C14H30	000629-59-4	76
4	Hexadecane	226	C16H34	000544-76-3	70
5	Dodecane	170	C12H26	000112-40-3	62

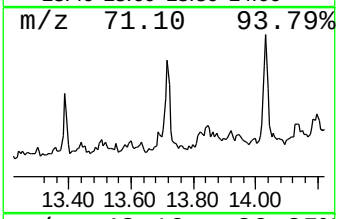


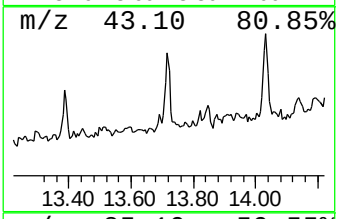


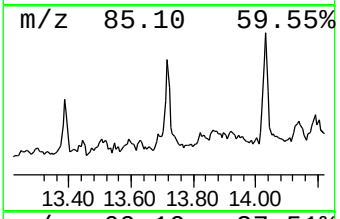


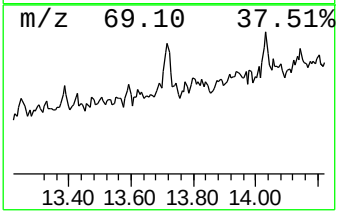












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Sample : I5026-02 5X
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Instrument : BNA_F
ClientSampleId : B-17(0-10)COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

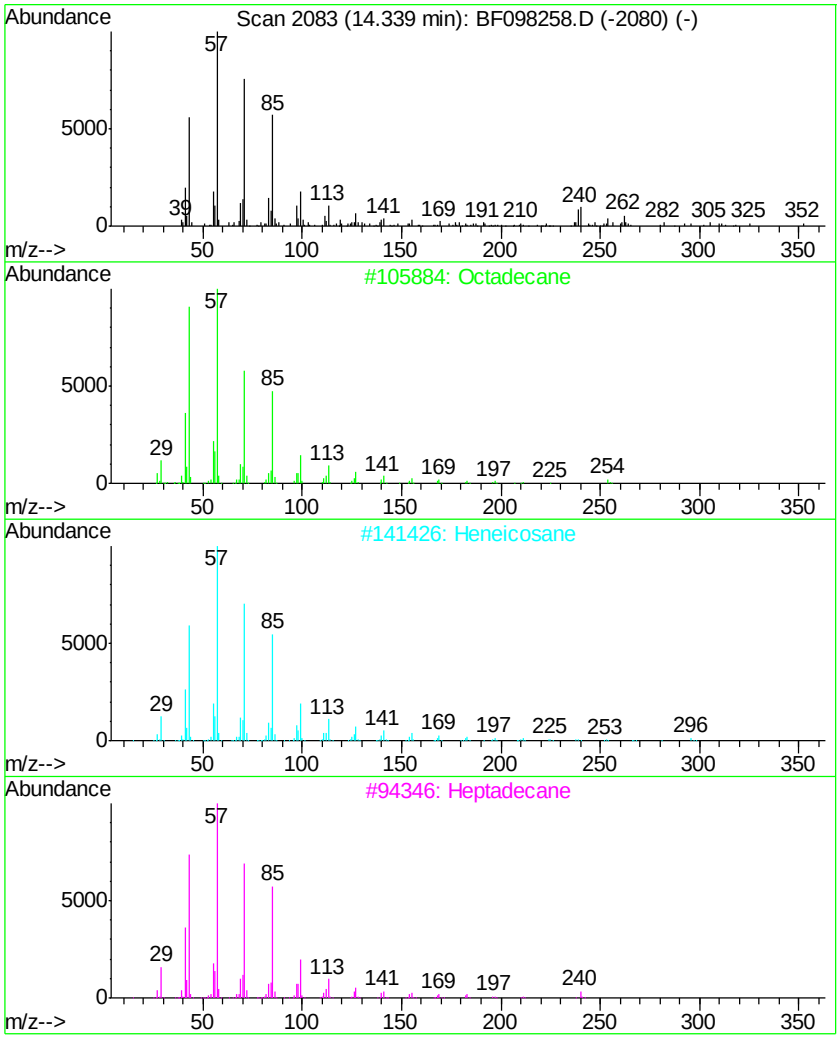
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

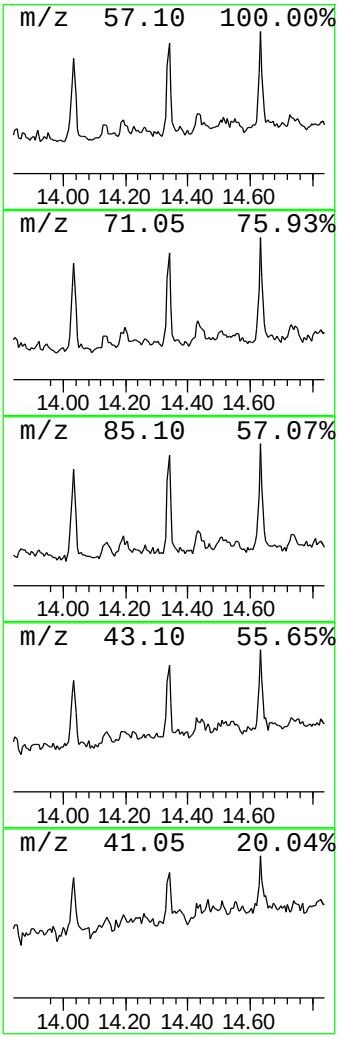
****

Peak Number 4 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	2.27 ng	107695	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane	240	C17H36	000629-78-7	86
4	6,6-Diethylhexadecane	282	C20H42	1000360-41-4	83
5	Pentacosane	352	C25H52	000629-99-2	81





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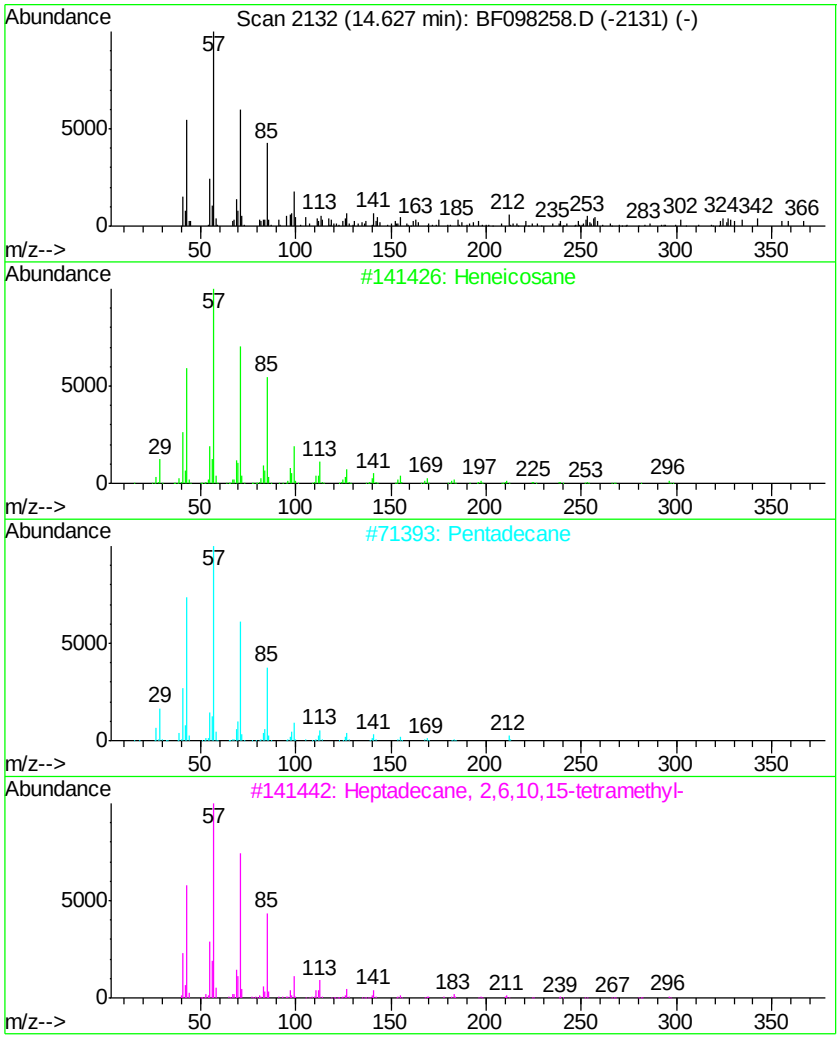
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

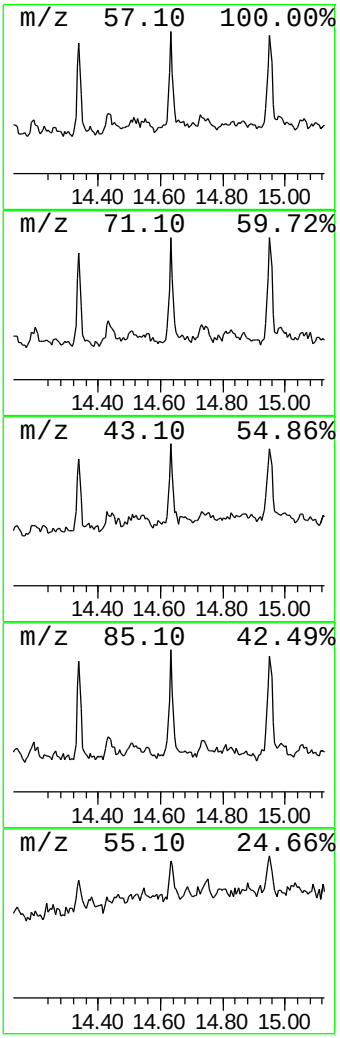
****

Peak Number 5 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	3.60 ng	97928	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Pentadecane	212	C15H32	000629-62-9	91
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4	Nonadecane	268	C19H40	000629-92-5	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





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Sample : I5026-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-17(0-10)COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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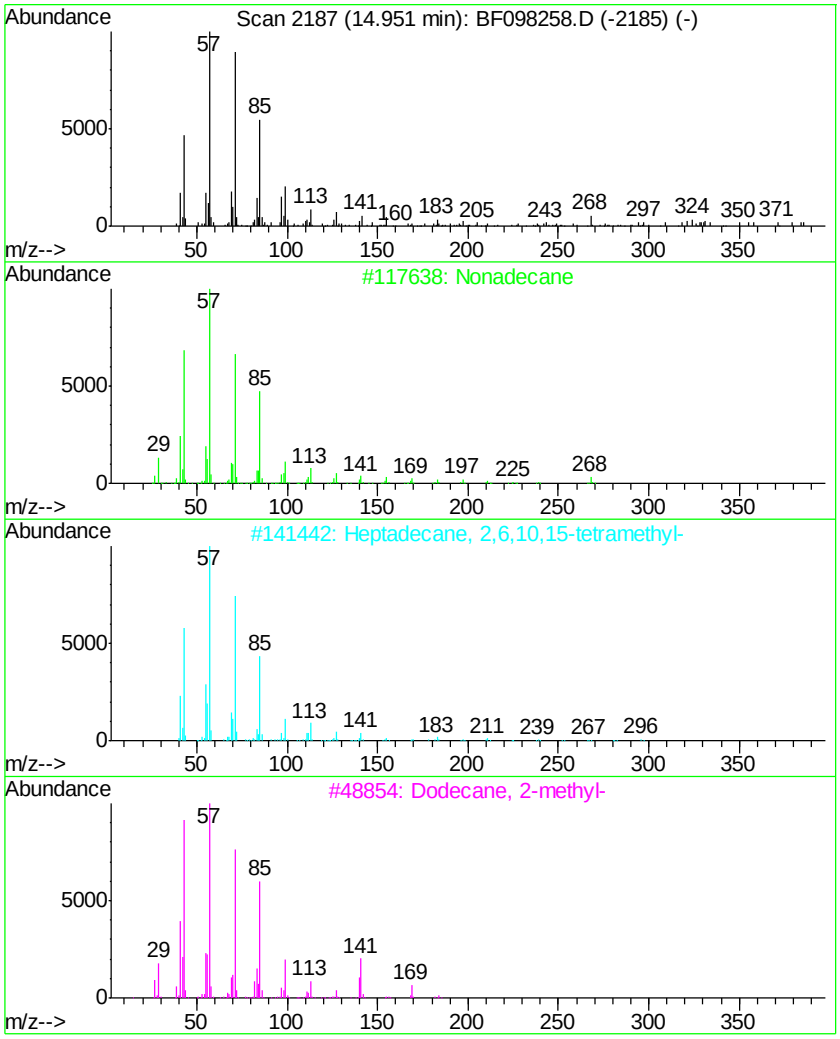
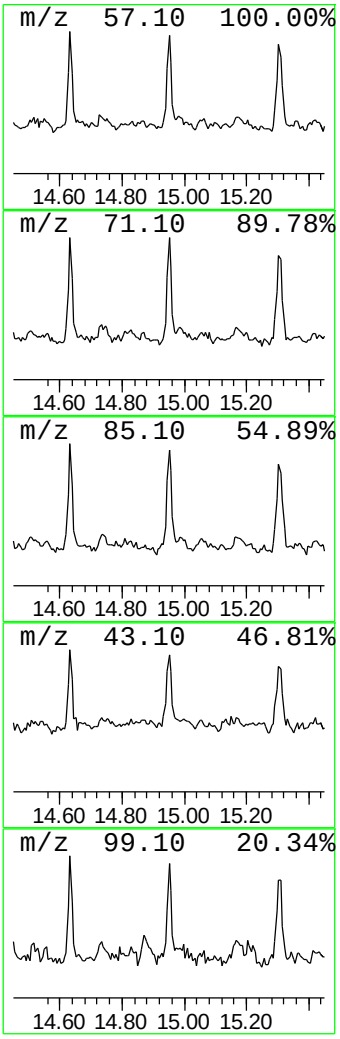
Peak Number 6 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	2.88 ng	78514	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090217\
Data File : BF098258.D
Acq On : 2 Sep 2017 21:00
Operator : SJ/JU
Sample : I5026-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-17(0-10)COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
unknown6.47	6.47	17.5	ng	606476	1	6.71	692873	20.0
Sulfurous acid, 2...	13.72	2.7	ng	129928	5	13.86	947750	20.0
Octadecane	14.34	2.3	ng	107695	5	13.86	947750	20.0
Heneicosane	14.63	3.6	ng	97928	6	15.28	544517	20.0
Nonadecane	14.95	2.9	ng	78514	6	15.28	544517	20.0