LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112826.D
Acq On : 4 Mar 2019 16:06
Operator : JU/SJ
Sample : K1688-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-D

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-BF022719.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	5.351	550	555	567	rVB	2205511	2135805	25.19%	3.337%
2	6.287	711	714	722	rVB3	50954	86269	1.02%	0.135%
3	6.375	725	729	736	rVB	2400435	2221242	26.20%	3.471%
4	6.510	746	752	756	rBV	2434836	2308238	27.22%	3.607%
5	6.575	760	763	765	rVV	99674	93594	1.10%	0.146%
6	6.598	765	767	772	rVB	270548	220278	2.60%	0.344%
7	6.745	788	792	795	rBV	1183076	924867	10.91%	1.445%
8	6.904	815	819	822	rBV	1877647	1686333	19.89%	2.635%
9	7.034	838	841	844	rVB2	87714	109188	1.29%	0.171%
10	7.069	844	847	850	rVB2	136229	116654	1.38%	0.182%
11	7.145	857	860	863	rBV	181253	148958	1.76%	0.233%
12	7.298	879	886	891	rBV	1373501	1473418	17.38%	2.302%
13	7.357	894	896	899	rVV	572024	446391	5.26%	0.698%
14	7.404	899	904	907	rVB5	92930	133609	1.58%	0.209%
15	7.557	926	930	934	rVB3	137500	202347	2.39%	0.316%
16	7.657	941	947	949	rBV4	97130	143928	1.70%	0.225%
17	7.722	956	958	961	rVB2	102595	95034	1.12%	0.148%
18	7.757	961	964	968	rVV3	144505	219384	2.59%	0.343%
19	7.792	968	970	974	rVV2	178218	194470	2.29%	0.304%
20	7.839	975	978	980	rVV	121988	127594	1.50%	0.199%
21	7.869	980	983	986	rVB2	136344	138074	1.63%	0.216%
22	8.028	1006	1010	1013	rBV	1787912	1658486	19.56%	2.592%
23	8.104	1021	1023	1025	rVB	237219	159703	1.88%	0.250%
24	8.204	1034	1040	1042	rBV6	71420	107814	1.27%	0.168%
25	8.328	1056	1061	1064	rBV5	161418	212613	2.51%	0.332%
26	8.386	1068	1071	1073	rBV2	163349	126651	1.49%	0.198%
27	8.416	1073	1076	1079	rBV3	188430	174897	2.06%	0.273%
28	8.463	1081	1084	1088	rBV	269926	255282	3.01%	0.399%
29	8.533	1093	1096	1100	rBV2	199301	192992	2.28%	0.302%
30	8.633	1109	1113	1116	rBV	825573	714074	8.42%	1.116%
31	8.686	1120	1122	1126	rVV2	130676	169546	2.00%	0.265%
32	8.728	1126	1129	1135	rVB3	133462	207145	2.44%	0.324%
33	8.851	1144	1150	1152	rBV4	161795	204909	2.42%	0.320%
34	8.916	1158	1161	1162	rBV	103158	87386	1.03%	0.137%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112826.D
Acq On : 4 Mar 2019 16:06
Operator : JU/SJ
Sample : K1688-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-D

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.992	1172	1174	1177	rVB	159260	120793	1.42%	0.189%
36	9.033	1178	1181	1183	rBV	96364	93528	1.10%	0.146%
37	9.063	1183	1186	1189	rVB2	240961	205154	2.42%	0.321%
38	9.098	1189	1192	1198	rBV	2229070	2006067	23.66%	3.135%
39	9.192	1204	1208	1212	rBV	744733	687793	8.11%	1.075%
40	9.251	1214	1218	1221	rVV3	86475	111351	1.31%	0.174%
41	9.357	1232	1236	1243	rBV7	84532	176091	2.08%	0.275%
42	9.422	1243	1247	1248	rBV2	67926	85462	1.01%	0.134%
43	9.492	1257	1259	1261	rBV	166246	184464	2.18%	0.288%
44	9.516	1261	1263	1265	rVB	149279	114647	1.35%	0.179%
45	9.722	1295	1298	1302	rVB	658541	498810	5.88%	0.779%
46	9.775	1302	1307	1311	rBV	1204459	1137274	13.41%	1.777%
47	9.957	1334	1338	1340	rBV3	75046	118608	1.40%	0.185%
48	9.980	1340	1342	1345	rVB	132524	118750	1.40%	0.186%
49	10.045	1350	1353	1357	rVB3	127273	140770	1.66%	0.220%
50	10.222	1379	1383	1386	rVB	499758	411987	4.86%	0.644%
51	10.322	1397	1400	1402	rBV2	91490	91070	1.07%	0.142%
52	10.439	1416	1420	1423	rBV	179710	175447	2.07%	0.274%
53	10.557	1437	1440	1445	rBV	1509631	1357460	16.01%	2.121%
54	10.692	1460	1463	1470	rBV	526164	573500	6.76%	0.896%
55	11.139	1536	1539	1542	rBV2	408189	361750	4.27%	0.565%
56	11.169	1542	1544	1550	rVB	170676	154165	1.82%	0.241%
57	11.251	1555	1558	1560	rBV	1140737	1014584	11.97%	1.585%
58	11.274	1560	1562	1566	rVV	679402	565158	6.67%	0.883%
59	11.327	1568	1571	1574	rVB	212774	188969	2.23%	0.295%
60	11.563	1608	1611	1613	rBV	379118	309800	3.65%	0.484%
61	11.580	1613	1614	1618	rVB	143714	114835	1.35%	0.179%
62	11.663	1624	1628	1631	rBV	3250998	2725889	32.15%	4.259%
63	11.757	1641	1644	1646	rBV2	94009	98328	1.16%	0.154%
64	11.792	1646	1650	1653	rVB2	447219	448156	5.29%	0.700%
65	11.863	1659	1662	1665	rBV2	192823	221333	2.61%	0.346%
66	11.969	1675	1680	1686	rVB2	333654	364913	4.30%	0.570%
67	12.069	1695	1697	1703	rVB3	110046	137696	1.62%	0.215%
68	12.304	1734	1737	1740	rVB	125656	98979	1.17%	0.155%
69	12.351	1740	1745	1746	rBV	5991275	6714505	79.19%	10.492%
70	12.374	1746	1749	1754	rVV	7565116	8479065	100.00%	13.249%
71	12.451	1759	1762	1768	rBV2	1712209	2412499	28.45%	3.770%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112826.D
Acq On : 4 Mar 2019 16:06
Operator : JU/SJ
Sample : K1688-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-D

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.498	1768	1770	1778	rVB	521379	594212	7.01%	0.929%
73	12.574	1781	1783	1785	rBV2	157679	131624	1.55%	0.206%
74	12.686	1797	1802	1806	rBV	1133678	1272150	15.00%	1.988%
75	12.727	1806	1809	1812	rVV2	283879	228023	2.69%	0.356%
76	12.810	1820	1823	1824	rBV	99905	89863	1.06%	0.140%
77	12.839	1824	1828	1831	rVV	2136098	2040812	24.07%	3.189%
78	13.010	1853	1857	1864	rBV3	242710	468825	5.53%	0.733%
79	13.080	1866	1869	1874	rVV2	440946	598792	7.06%	0.936%
80	13.121	1874	1876	1878	rVV2	119924	92423	1.09%	0.144%
81	13.174	1882	1885	1888	rBV	269231	252702	2.98%	0.395%
82	13.327	1908	1911	1914	rVB5	141839	160290	1.89%	0.250%
83	13.421	1924	1927	1932	rBV	382469	372363	4.39%	0.582%
84	13.627	1960	1962	1966	rBV2	109045	114762	1.35%	0.179%
85	13.751	1980	1983	1990	rVB	389396	422880	4.99%	0.661%
86	13.839	1996	1998	2001	rBV3	181565	191702	2.26%	0.300%
87	13.880	2001	2005	2008	rVV2	1492841	1788324	21.09%	2.794%
88	13.904	2008	2009	2012	rVB	433909	333487	3.93%	0.521%
89	14.068	2034	2037	2040	rVB	447667	408977	4.82%	0.639%
90	14.368	2086	2088	2091	rVB	431797	348021	4.10%	0.544%
91	14.668	2136	2139	2145	rVB	552729	585801	6.91%	0.915%
92	14.898	2175	2178	2184	rVB	356681	615386	7.26%	0.962%
93	14.986	2190	2193	2201	rVB2	510219	661150	7.80%	1.033%
94	15.239	2233	2236	2242	rVV	225615	277689	3.27%	0.434%
95	15.298	2243	2246	2249	rVV	675391	725732	8.56%	1.134%
96	15.345	2252	2254	2259	rVB	432042	513298	6.05%	0.802%
97	15.757	2321	2324	2329	rVB	307022	389874	4.60%	0.609%

Sum of corrected areas: 63995985

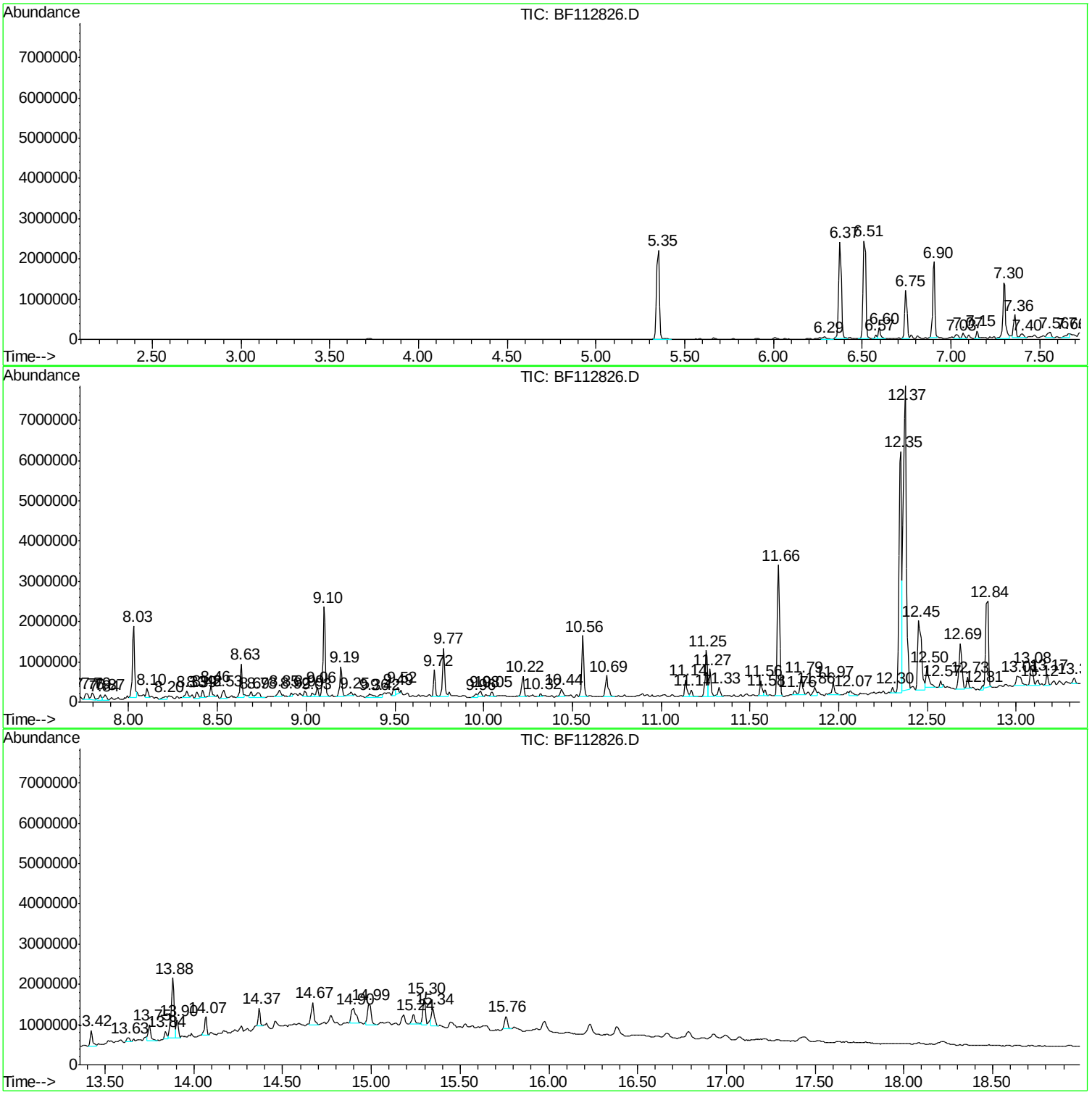
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112826.D
Acq On : 4 Mar 2019 16:06
Operator : JU/SJ
Sample : K1688-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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\BF030419\
Data File : BF112826.D
Acq On : 4 Mar 2019 16:06
Operator : JU/SJ
Sample : K1688-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

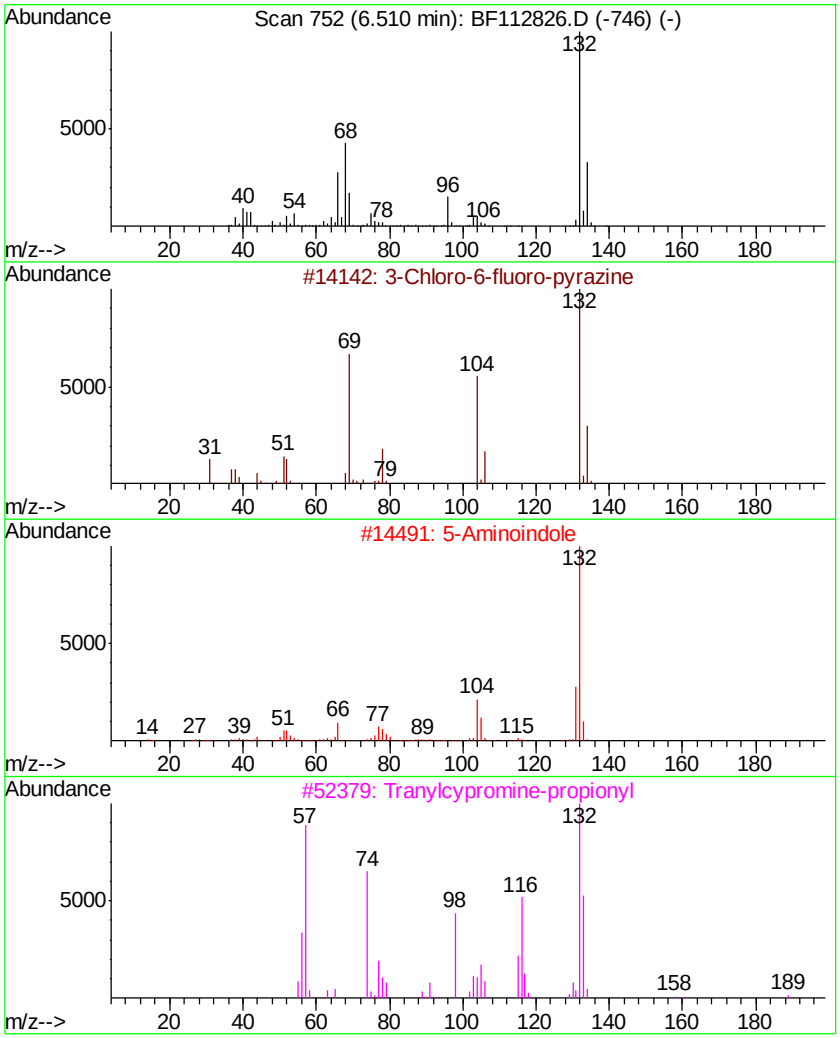
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

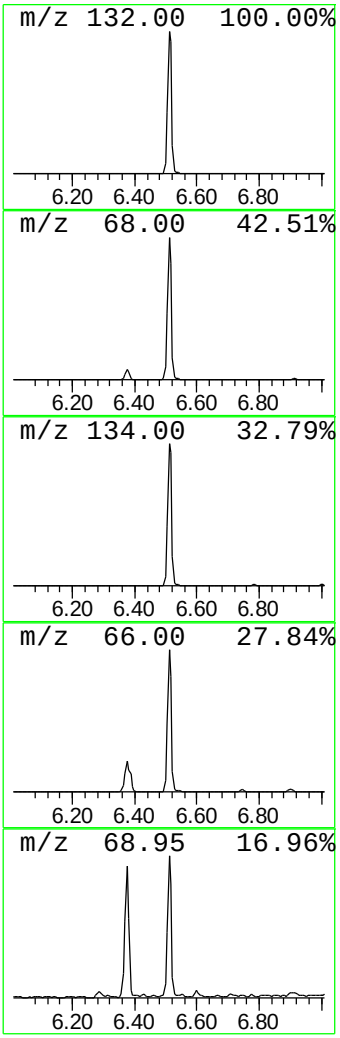
****

Peak Number 1 unknown6.51 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	49.92 ng	2308240	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112826.D
Acq On : 4 Mar 2019 16:06
Operator : JU/SJ
Sample : K1688-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

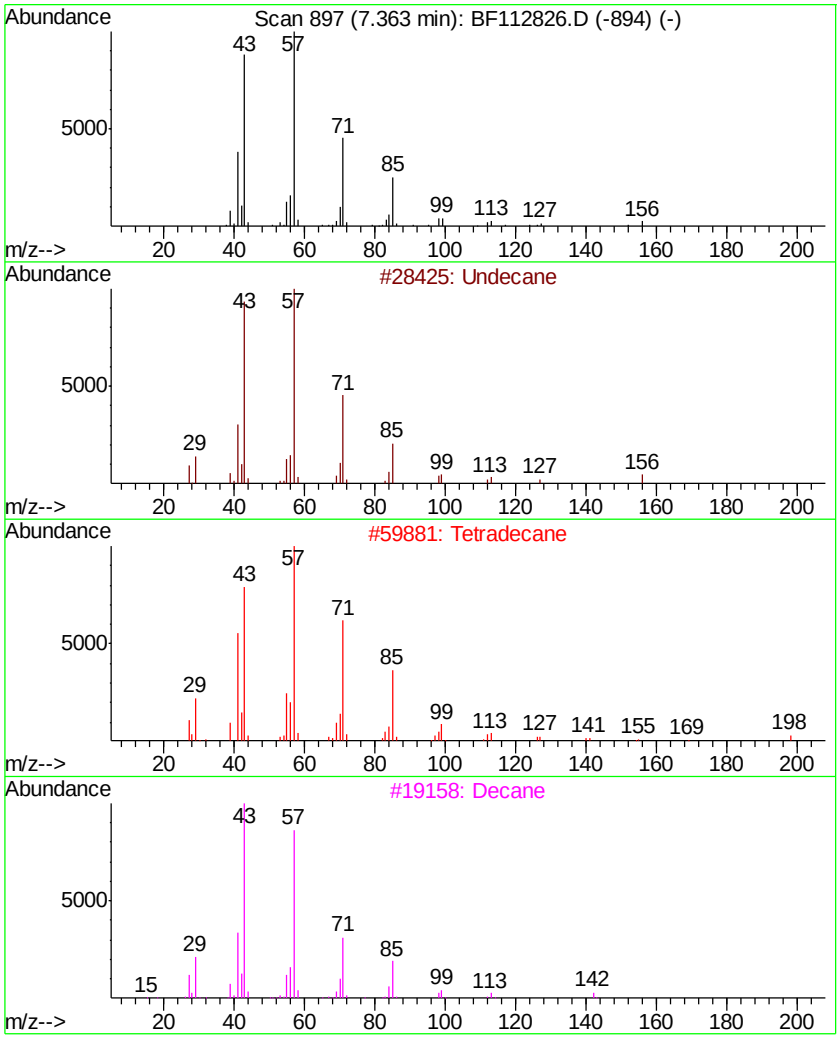
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

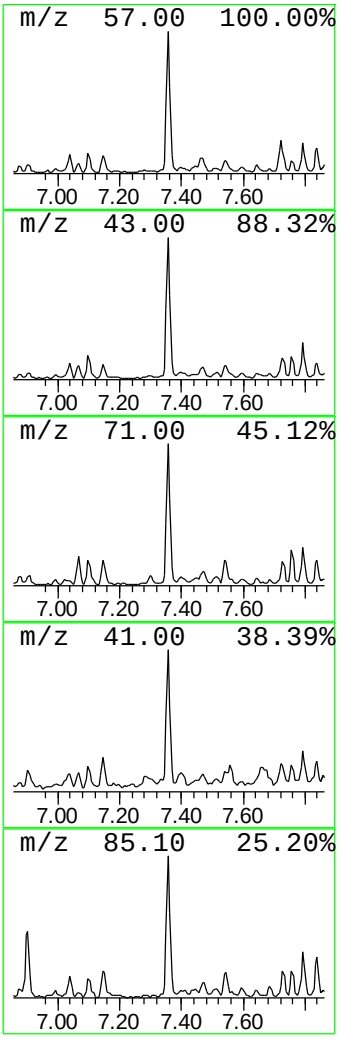
****

Peak Number 3 Undecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	9.65 ng	446391	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Decane	142	C10H22	000124-18-5	83
4	Decane, 2-methyl-	156	C11H24	006975-98-0	80
5	Tridecane	184	C13H28	000629-50-5	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112826.D
Acq On : 4 Mar 2019 16:06
Operator : JU/SJ
Sample : K1688-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

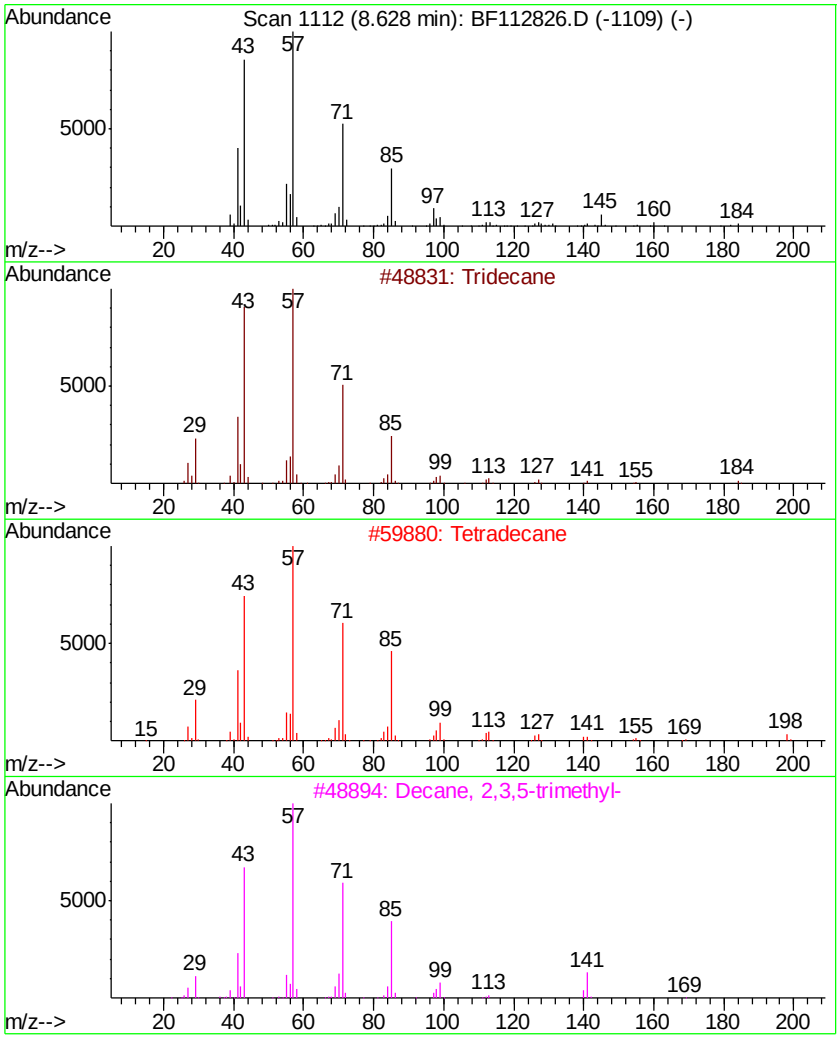
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

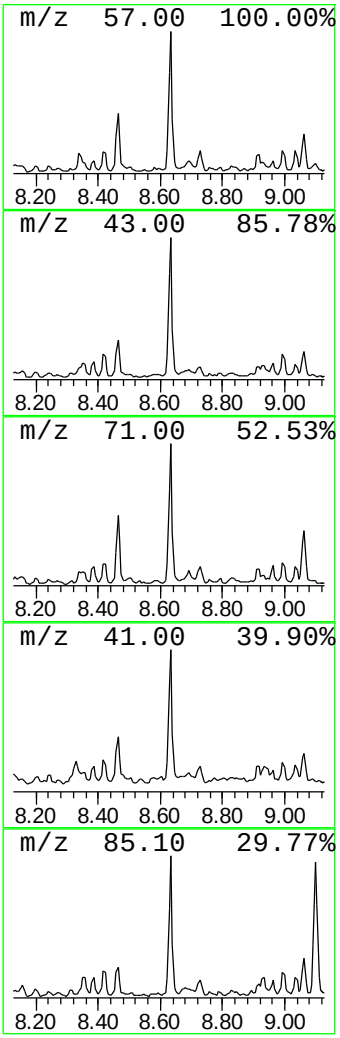
****

Peak Number 4 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	8.61 ng	714074	Naphthalene-d8	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Tetradecane	198	C14H30	000629-59-4	86
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112826.D
Acq On : 4 Mar 2019 16:06
Operator : JU/SJ
Sample : K1688-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

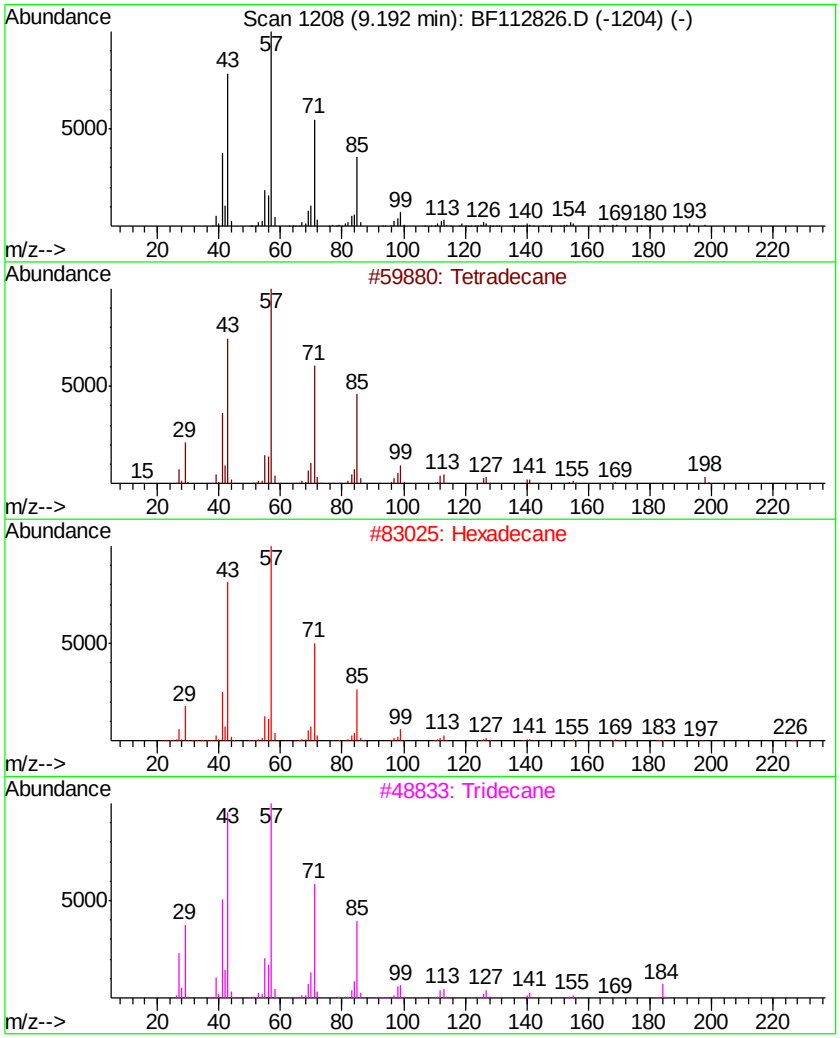
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

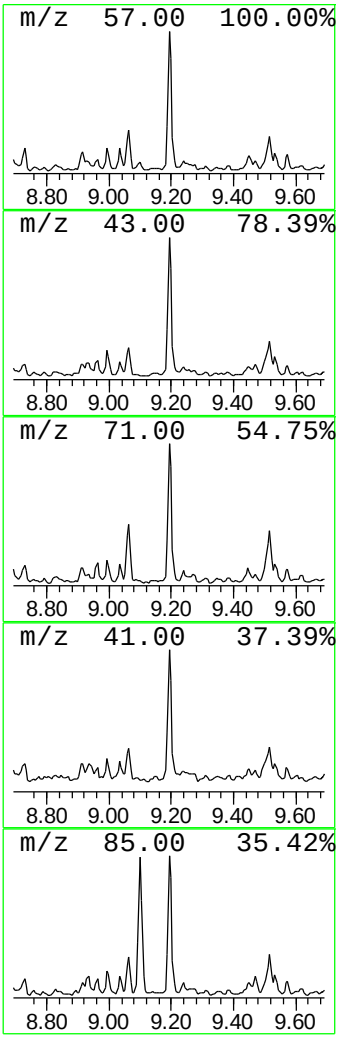
****

Peak Number 5 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	12.10 ng	687793	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	86
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	68
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112826.D
Acq On : 4 Mar 2019 16:06
Operator : JU/SJ
Sample : K1688-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

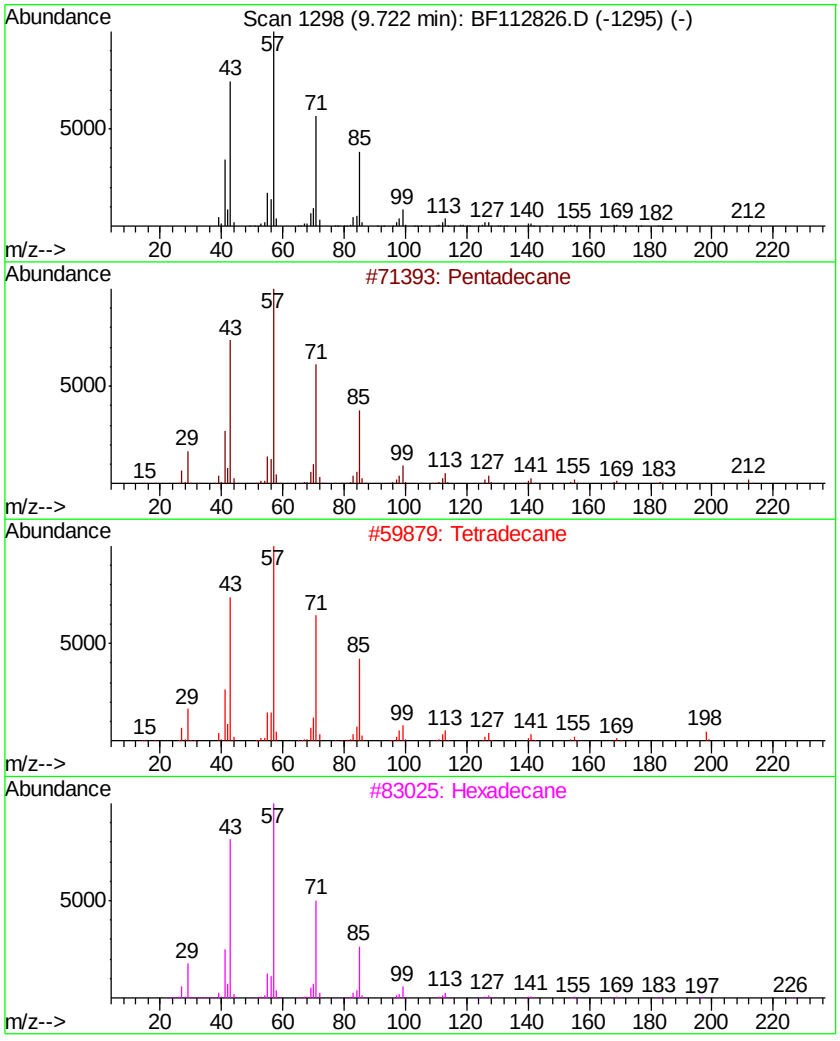
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

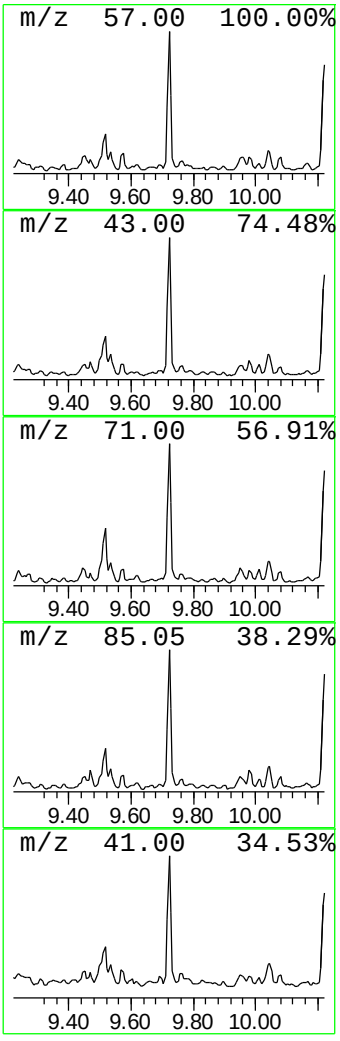
****

Peak Number 6 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	8.77 ng	498810	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	83
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112826.D
Acq On : 4 Mar 2019 16:06
Operator : JU/SJ
Sample : K1688-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

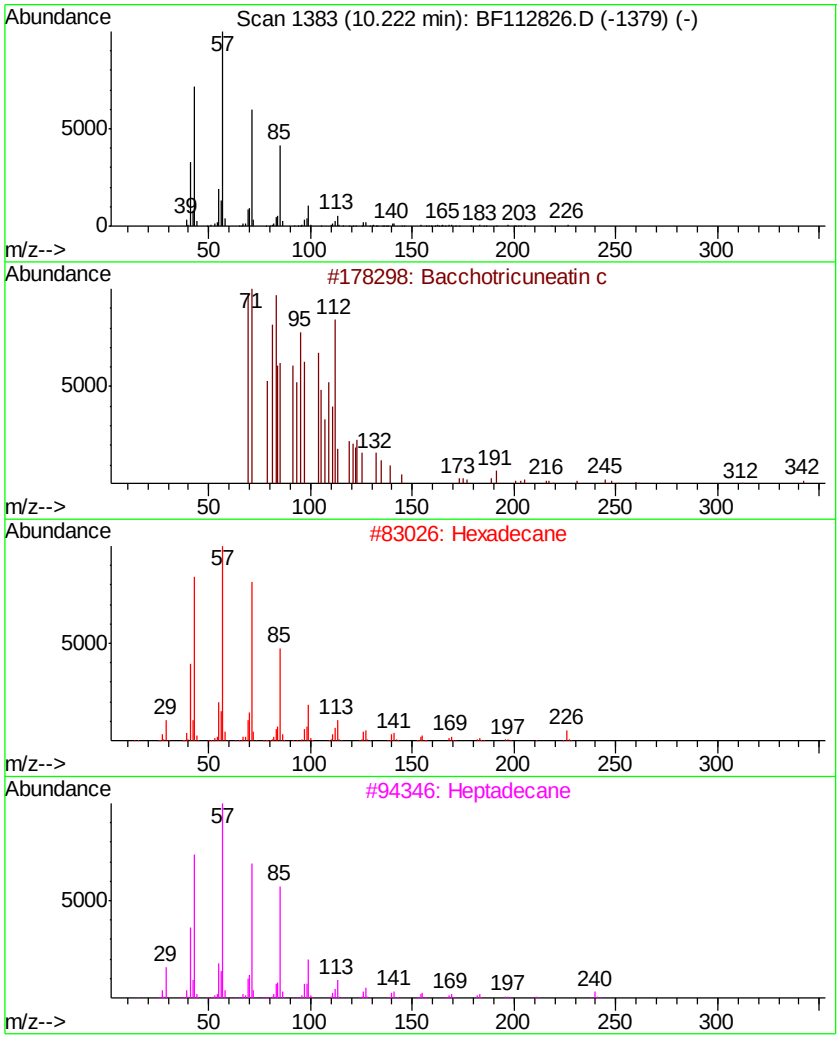
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

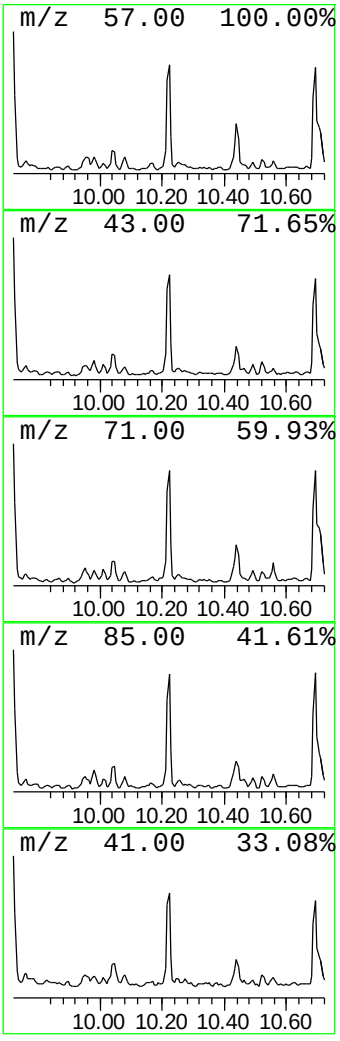
****

Peak Number 7 Bacchotricuneatin c Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	7.25 ng	411987	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2	Hexadecane	226	C16H34	000544-76-3	94
3	Heptadecane	240	C17H36	000629-78-7	90
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112826.D
Acq On : 4 Mar 2019 16:06
Operator : JU/SJ
Sample : K1688-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

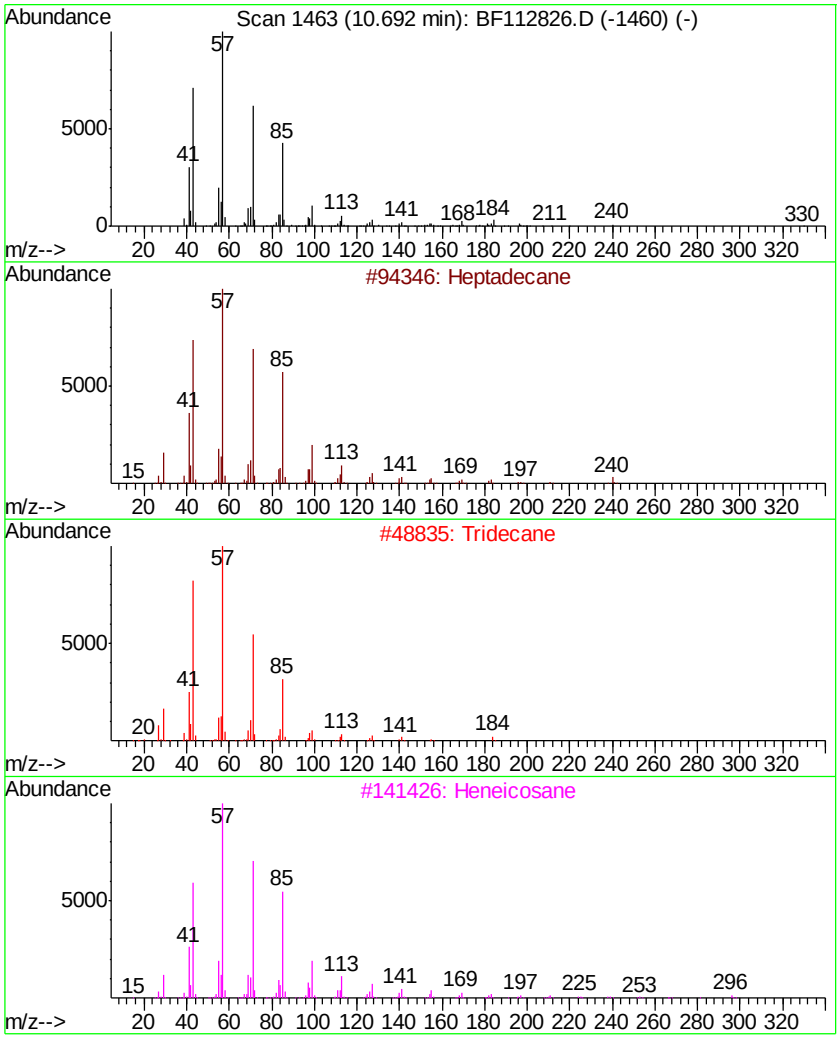
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

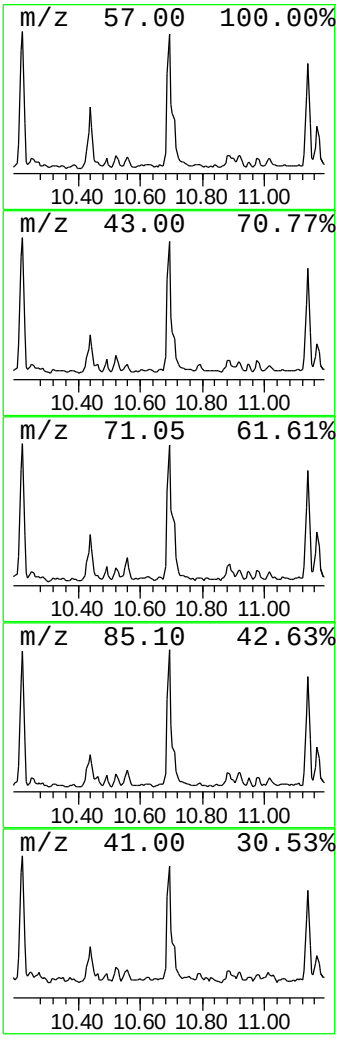
****

Peak Number 8 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	11.31 ng	573500	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tridecane	184	C13H28	000629-50-5	93
3	Heneicosane	296	C21H44	000629-94-7	90
4	Pentadecane	212	C15H32	000629-62-9	86
5	Hexadecane	226	C16H34	000544-76-3	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112826.D
Acq On : 4 Mar 2019 16:06
Operator : JU/SJ
Sample : K1688-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

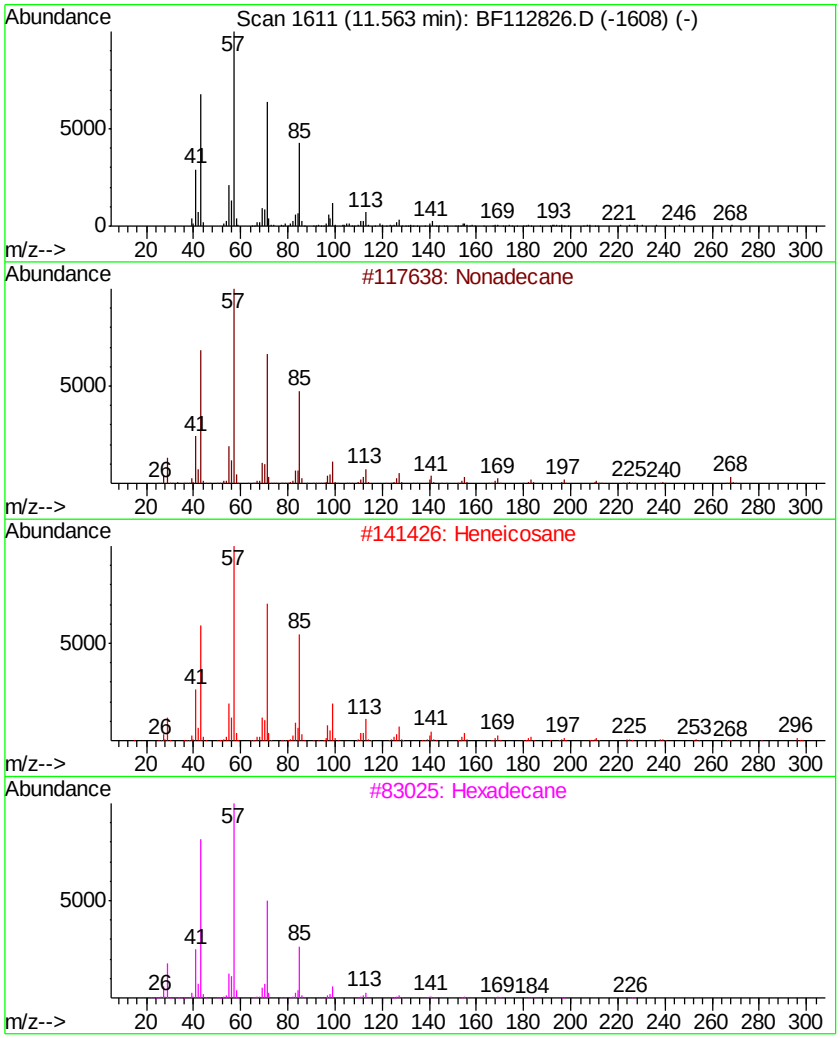
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

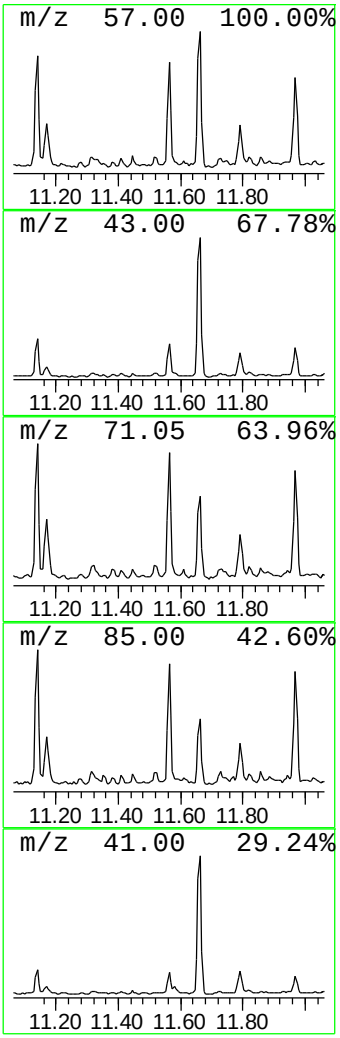
****

Peak Number 10 Nonadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	6.11 ng	309800	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112826.D
Acq On : 4 Mar 2019 16:06
Operator : JU/SJ
Sample : K1688-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

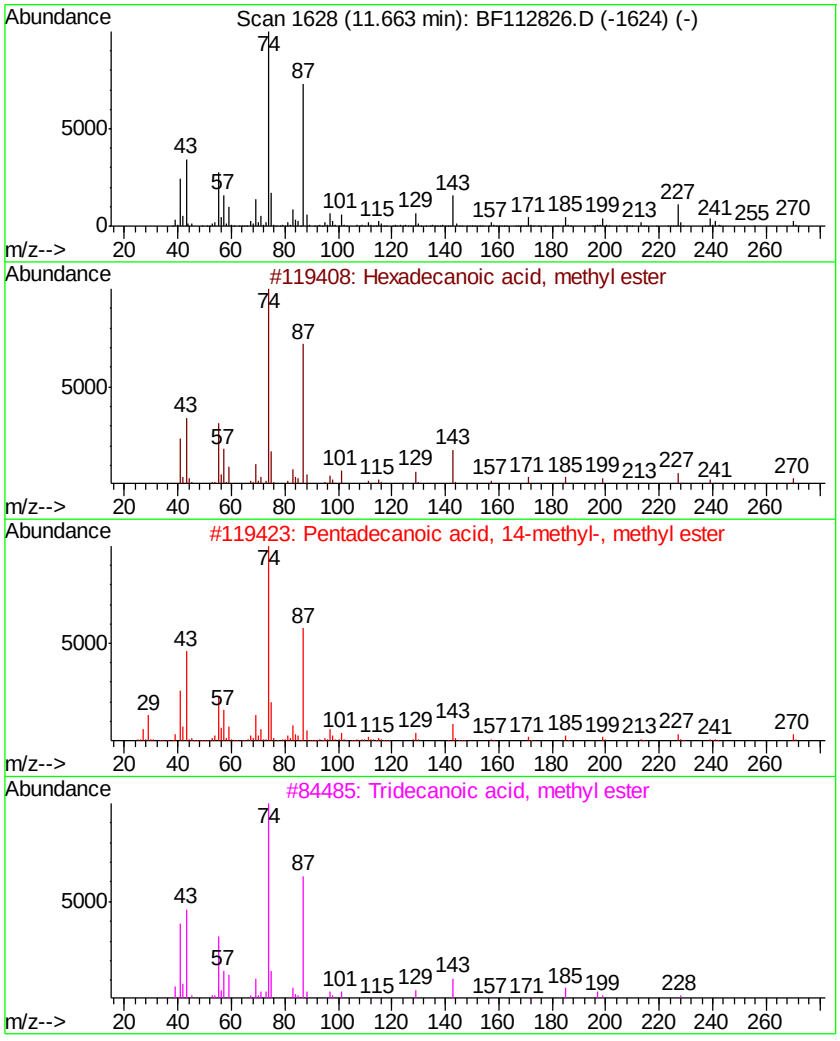
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

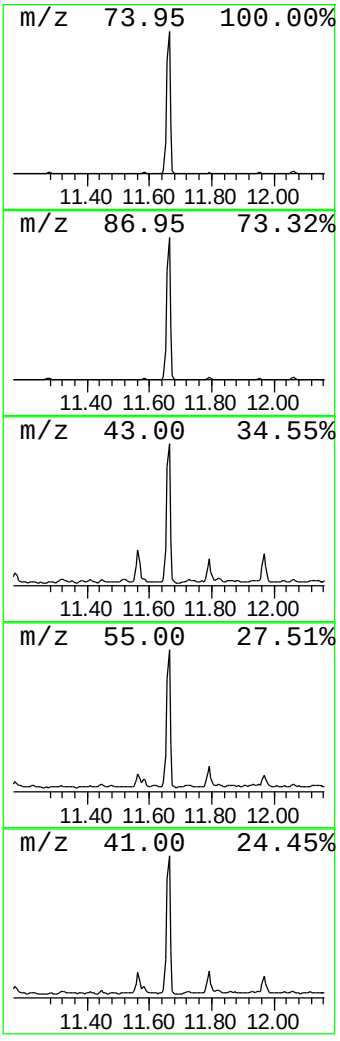
****

Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	53.73 ng	2725890	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112826.D
Acq On : 4 Mar 2019 16:06
Operator : JU/SJ
Sample : K1688-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

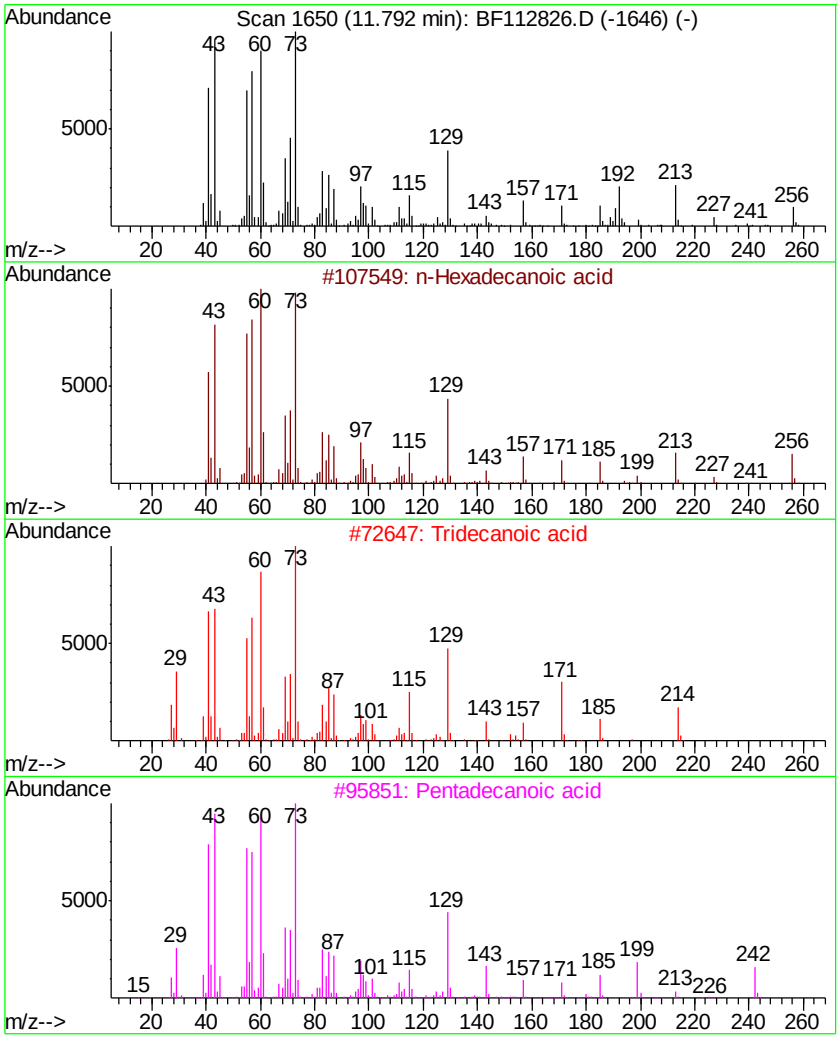
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

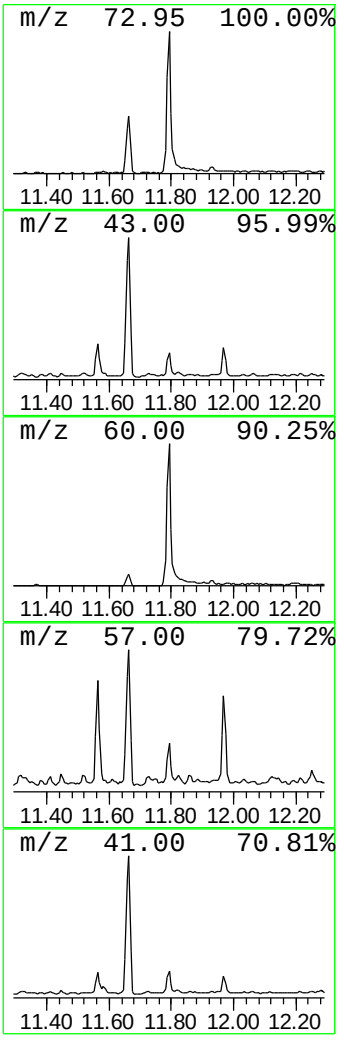
****

Peak Number 12 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	8.83 ng	448156	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112826.D
Acq On : 4 Mar 2019 16:06
Operator : JU/SJ
Sample : K1688-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

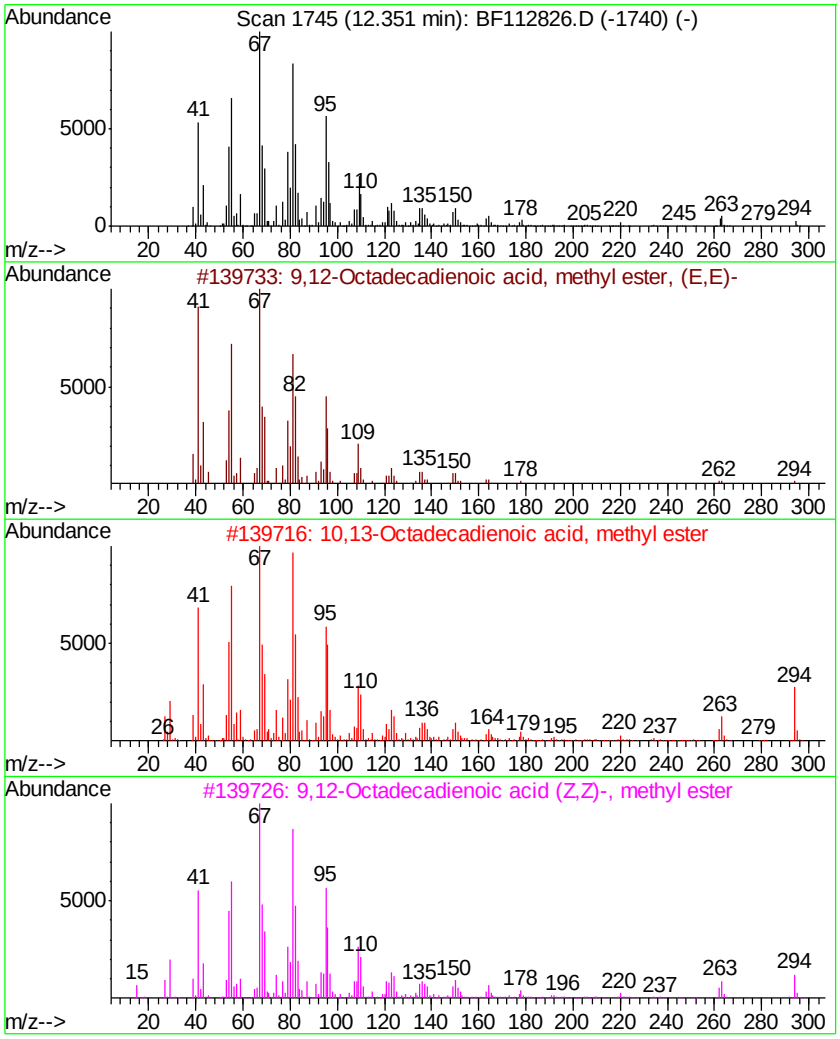
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

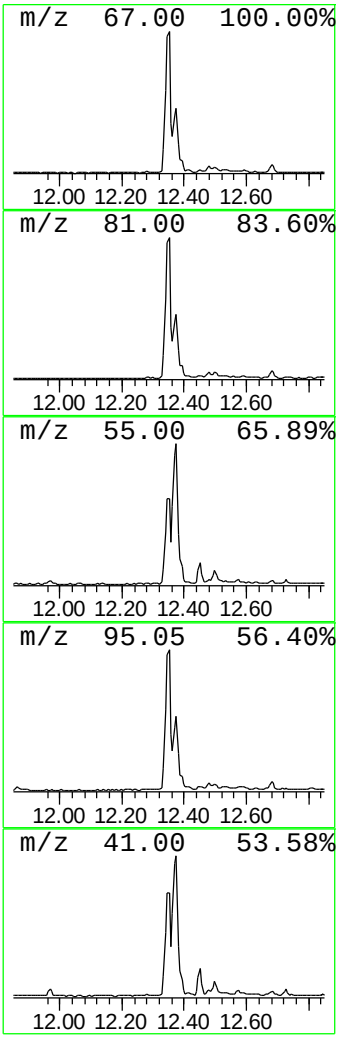
****

Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	132.36 ng	6714510	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112826.D
Acq On : 4 Mar 2019 16:06
Operator : JU/SJ
Sample : K1688-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

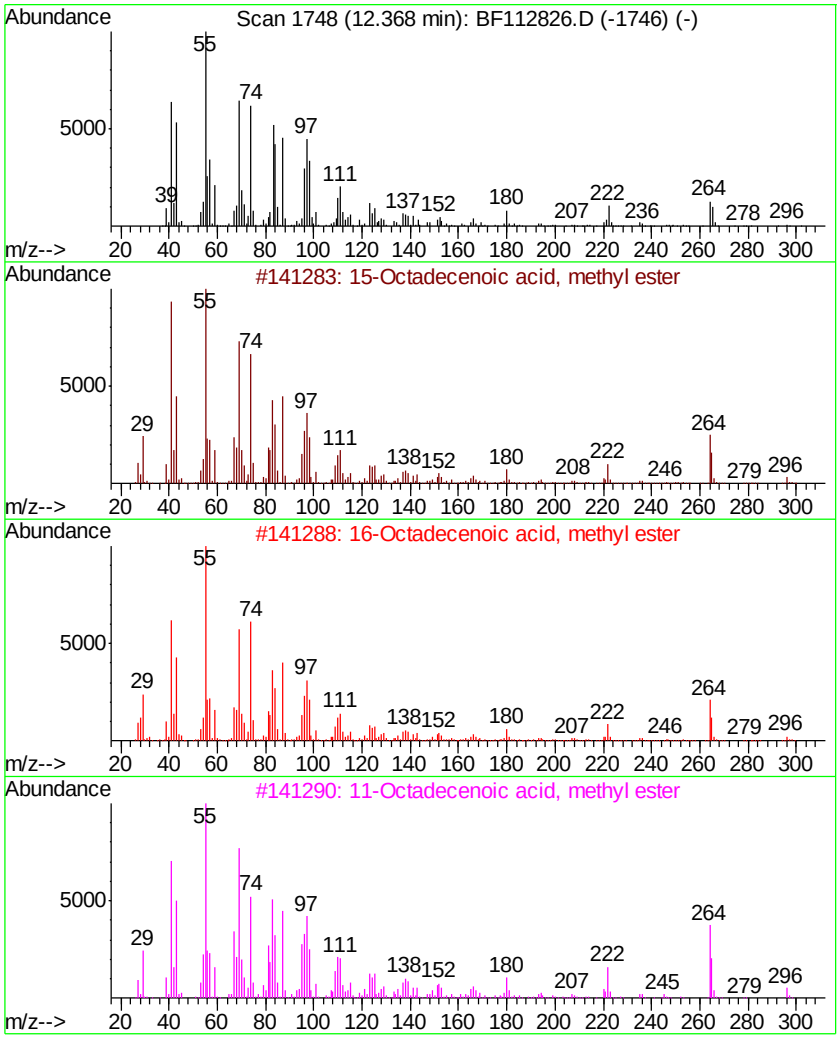
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

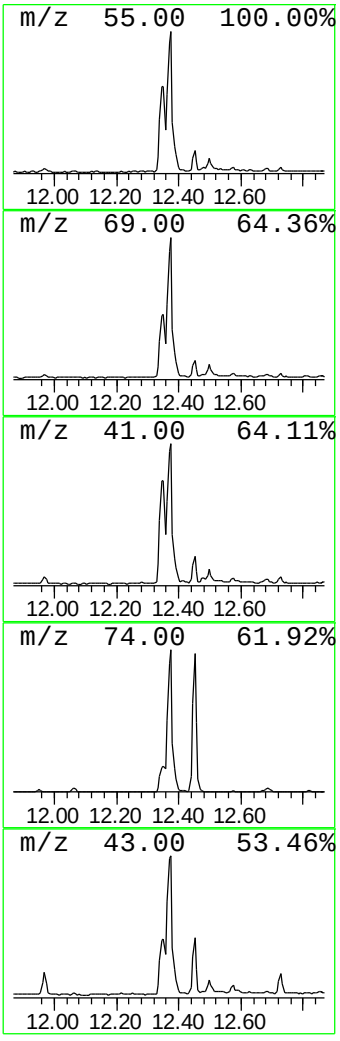
****

Peak Number 15 15-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	167.14 ng	8479070	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	96
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	94
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112826.D
Acq On : 4 Mar 2019 16:06
Operator : JU/SJ
Sample : K1688-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

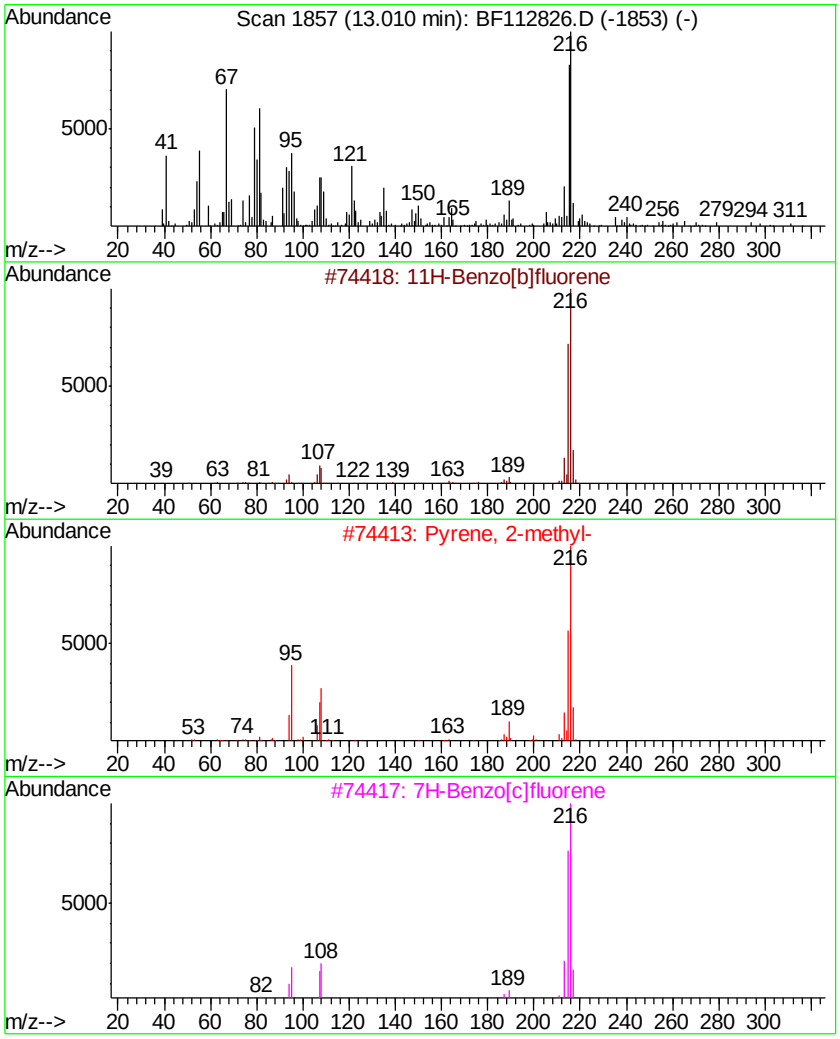
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

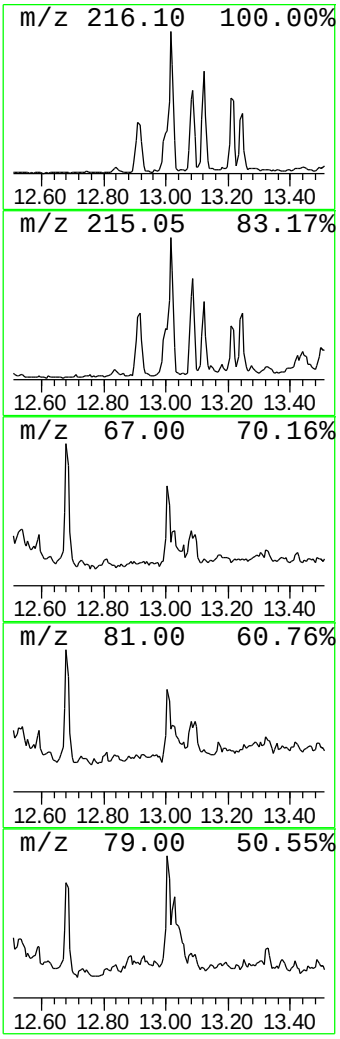
****

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	5.24 ng	468825	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	53
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112826.D
Acq On : 4 Mar 2019 16:06
Operator : JU/SJ
Sample : K1688-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

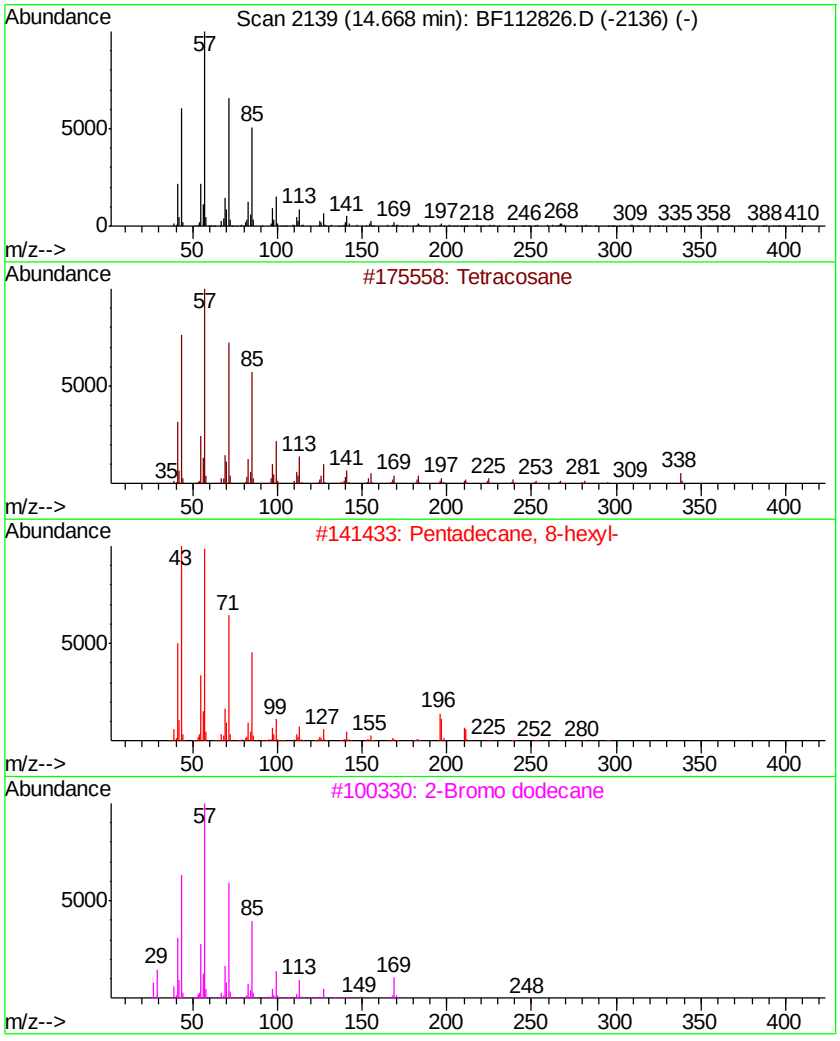
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

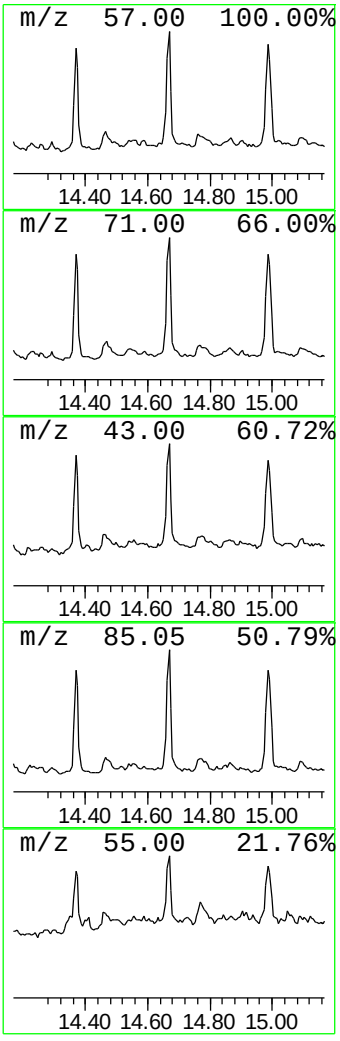
****

Peak Number 18 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	16.14 ng	585801	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Eicosane	282	C20H42	000112-95-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112826.D
Acq On : 4 Mar 2019 16:06
Operator : JU/SJ
Sample : K1688-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

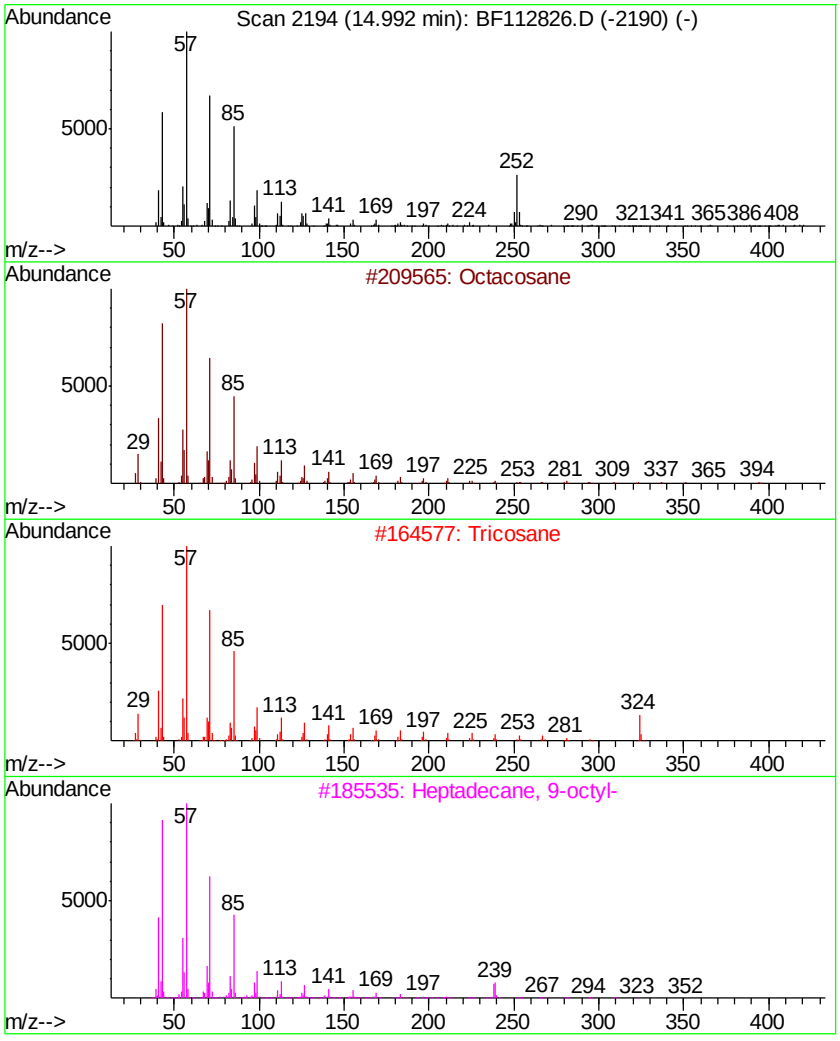
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

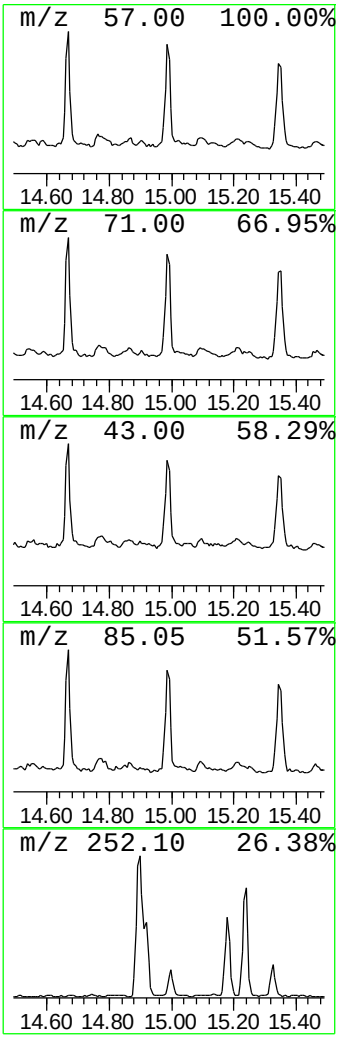
****

Peak Number 19 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	18.22 ng	661150	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	98
2	Tricosane	324	C23H48	000638-67-5	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
5	Heneicosane	296	C21H44	000629-94-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
Data File : BF112826.D
Acq On : 4 Mar 2019 16:06
Operator : JU/SJ
Sample : K1688-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-030119-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.51	6.51	49.9	ng	2308240	1	6.75	924867	20.0
Undecane	7.36	9.7	ng	446391	1	6.75	924867	20.0
Tridecane	8.63	8.6	ng	714074	2	8.03	1658490	20.0
Tetradecane	9.19	12.1	ng	687793	3	9.77	1137270	20.0
Pentadecane	9.72	8.8	ng	498810	3	9.77	1137270	20.0
Bacchotricuneatin c	10.22	7.3	ng	411987	3	9.77	1137270	20.0
Heptadecane	10.69	11.3	ng	573500	4	11.25	1014580	20.0
Nonadecane	11.56	6.1	ng	309800	4	11.25	1014580	20.0
Hexadecanoic acid...	11.66	53.7	ng	2725890	4	11.25	1014580	20.0
n-Hexadecanoic acid	11.79	8.8	ng	448156	4	11.25	1014580	20.0
9,12-Octadecadien...	12.35	132.4	ng	6714510	4	11.25	1014580	20.0
15-Octadecenoic a...	12.37	167.1	ng	8479070	4	11.25	1014580	20.0
11H-Benzo[b]fluorene	13.01	5.2	ng	468825	5	13.88	1788320	20.0
Tetracosane	14.67	16.1	ng	585801	6	15.30	725732	20.0
Octacosane	14.99	18.2	ng	661150	6	15.30	725732	20.0