LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121134.D
Acq On : 30 Jul 2020 18:13
Operator : JU/CG
Sample : L3473-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

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-BF071620.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	4.993	491	494	500	rVB	30202	35458	1.22%	0.137%
2	5.410	561	565	576	rBV	2103302	1900234	65.35%	7.344%
3	6.428	734	738	757	rBV	1991531	1957147	67.31%	7.564%
4	6.622	768	771	785	rBV	69491	79581	2.74%	0.308%
5	6.792	797	800	804	rBV	952569	782663	26.92%	3.025%
6	7.357	891	896	899	rBV	1614640	1396405	48.03%	5.397%
7	8.081	1014	1019	1027	rBV	1095195	1041444	35.82%	4.025%
8	9.157	1197	1202	1205	rBV	2807508	2623044	90.21%	10.138%
9	9.551	1265	1269	1277	rBV	316580	300086	10.32%	1.160%
10	9.833	1313	1317	1320	rBV	1434579	1217106	41.86%	4.704%
11	9.863	1320	1322	1326	rVB	47363	39058	1.34%	0.151%
12	10.622	1447	1451	1463	rBV	1563234	1432336	49.26%	5.536%
13	11.322	1565	1570	1572	rBV	1459041	1326916	45.64%	5.128%
14	11.339	1572	1573	1577	rVV	333585	284372	9.78%	1.099%
15	11.392	1580	1582	1586	rVB	78342	69154	2.38%	0.267%
16	11.551	1603	1609	1615	rBV2	37749	43339	1.49%	0.167%
17	11.822	1651	1655	1657	rBV	50273	43454	1.49%	0.168%
18	11.851	1657	1660	1664	rVB	81591	66133	2.27%	0.256%
19	11.933	1670	1674	1676	rBV	80583	77913	2.68%	0.301%
20	11.957	1676	1678	1683	rVB	36262	29761	1.02%	0.115%
21	12.139	1707	1709	1714	rVB	44569	38867	1.34%	0.150%
22	12.298	1733	1736	1738	rBV	41620	38779	1.33%	0.150%
23	12.369	1743	1748	1751	rBV2	29490	42091	1.45%	0.163%
24	12.410	1751	1755	1760	rVB	31205	37313	1.28%	0.144%
25	12.457	1760	1763	1768	rVB	30671	33874	1.17%	0.131%
26	12.533	1772	1776	1779	rBV	649949	547608	18.83%	2.116%
27	12.763	1807	1815	1818	rBV	526957	595662	20.49%	2.302%
28	12.910	1835	1840	1843	rVV	2975314	2907622	100.00%	11.237%
29	12.980	1847	1852	1856	rBV2	35737	61183	2.10%	0.236%
30	13.063	1863	1866	1868	rBV3	26897	31422	1.08%	0.121%
31	13.092	1868	1871	1874	rVB	64912	63894	2.20%	0.247%
32	13.157	1874	1882	1884	rBV3	50406	83150	2.86%	0.321%
33	13.192	1884	1888	1891	rBV2	59877	65695	2.26%	0.254%
34	13.286	1901	1904	1907	rBV2	34634	35198	1.21%	0.136%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121134.D
Acq On : 30 Jul 2020 18:13
Operator : JU/CG
Sample : L3473-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

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-BF071620.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.386	1918	1921	1927	rVB2	69202	76488	2.63%	0.296%
36	13.480	1932	1937	1939	rBV3	31897	48709	1.68%	0.188%
37	13.598	1954	1957	1961	rVB	60990	62112	2.14%	0.240%
38	13.704	1972	1975	1978	rBV2	48681	60697	2.09%	0.235%
39	13.757	1982	1984	1989	rVV2	36867	60822	2.09%	0.235%
40	13.821	1989	1995	2011	rVV4	182526	504970	17.37%	1.952%
41	13.963	2011	2019	2021	rVV2	1368418	1630647	56.08%	6.302%
42	13.986	2021	2023	2028	rVB	282678	246462	8.48%	0.953%
43	14.063	2034	2036	2038	rBV	47660	35703	1.23%	0.138%
44	14.127	2044	2047	2049	rBV	76928	71016	2.44%	0.274%
45	14.345	2082	2084	2087	rVB	50081	45104	1.55%	0.174%
46	14.380	2087	2090	2094	rBV	40709	44389	1.53%	0.172%
47	14.433	2095	2099	2102	rVB2	159213	163886	5.64%	0.633%
48	14.468	2102	2105	2107	rBV3	41615	48719	1.68%	0.188%
49	14.733	2147	2150	2154	rBV	263922	245549	8.45%	0.949%
50	14.986	2189	2193	2197	rBV	209828	341439	11.74%	1.320%
51	15.063	2203	2206	2210	rBV	263362	311894	10.73%	1.205%
52	15.286	2240	2244	2250	rVB	120098	156633	5.39%	0.605%
53	15.345	2250	2254	2260	rVB	185725	229638	7.90%	0.888%
54	15.410	2260	2265	2268	rBV	909020	1133191	38.97%	4.380%
55	15.439	2268	2270	2277	rVB	313441	339281	11.67%	1.311%
56	15.862	2337	2342	2350	rVB	214119	334235	11.50%	1.292%
57	16.351	2421	2425	2433	rBV2	104321	190267	6.54%	0.735%
58	16.833	2503	2507	2517	rVB3	83488	164470	5.66%	0.636%

Sum of corrected areas: 25874283

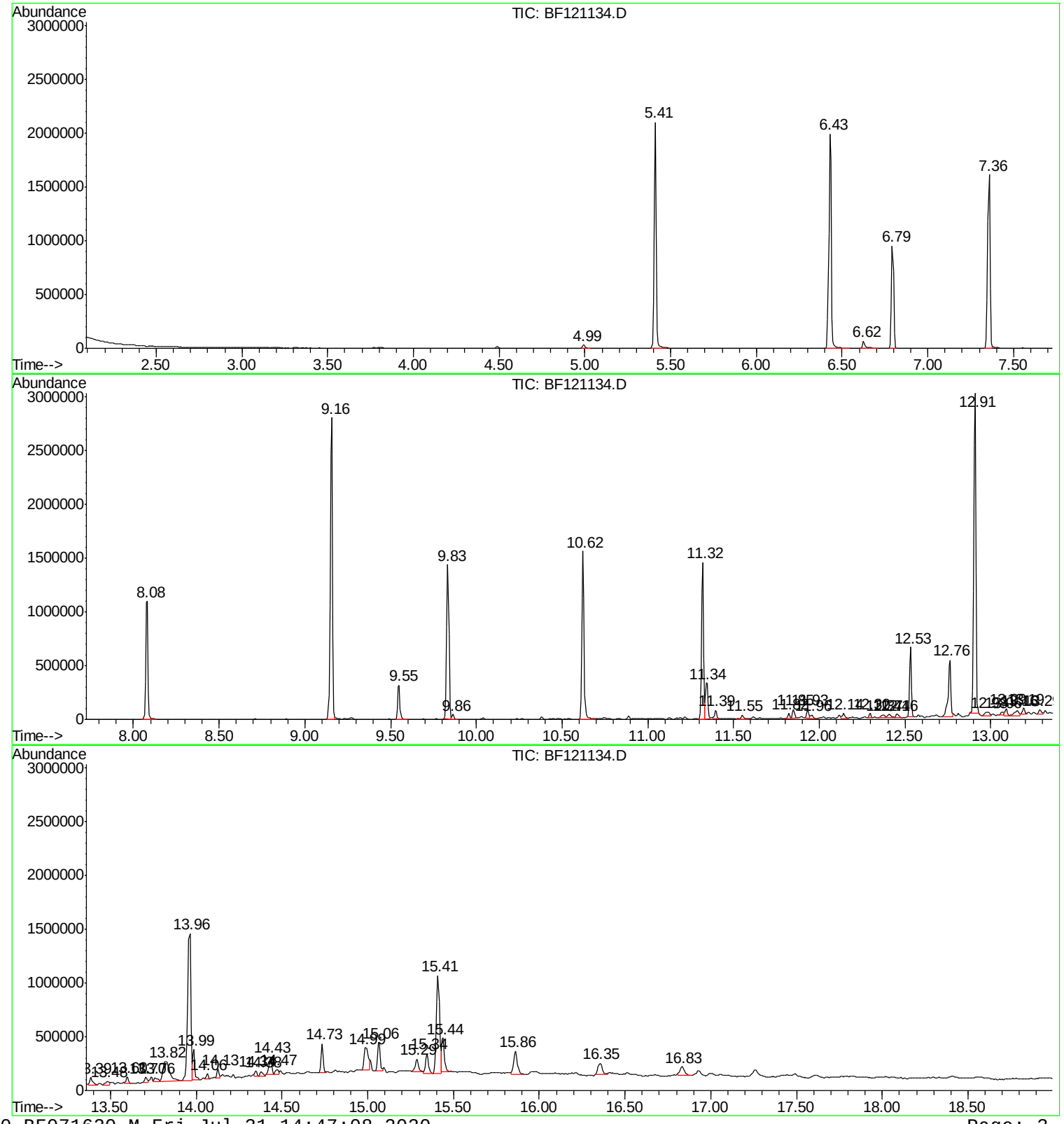
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121134.D
Acq On : 30 Jul 2020 18:13
Operator : JU/CG
Sample : L3473-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

Quant Title :

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121134.D
Acq On : 30 Jul 2020 18:13
Operator : JU/CG
Sample : L3473-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

Quant Title :

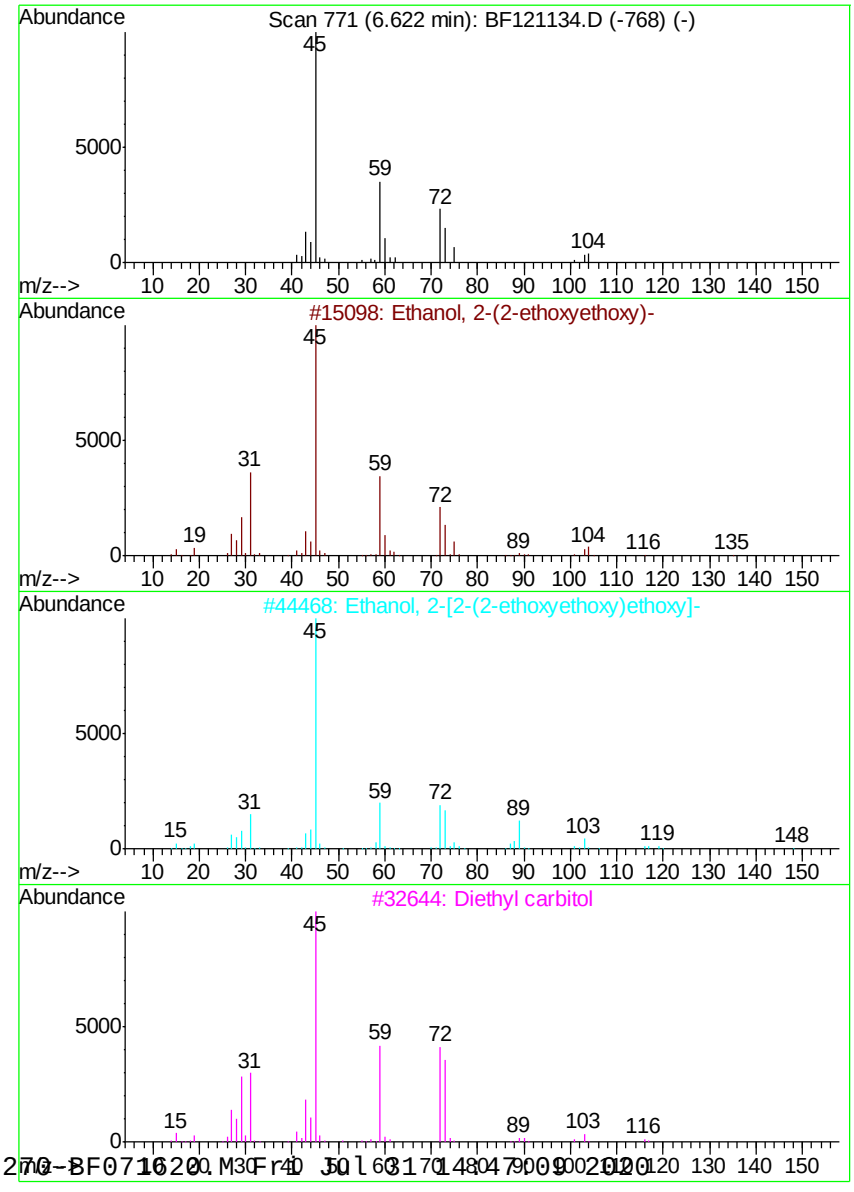
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

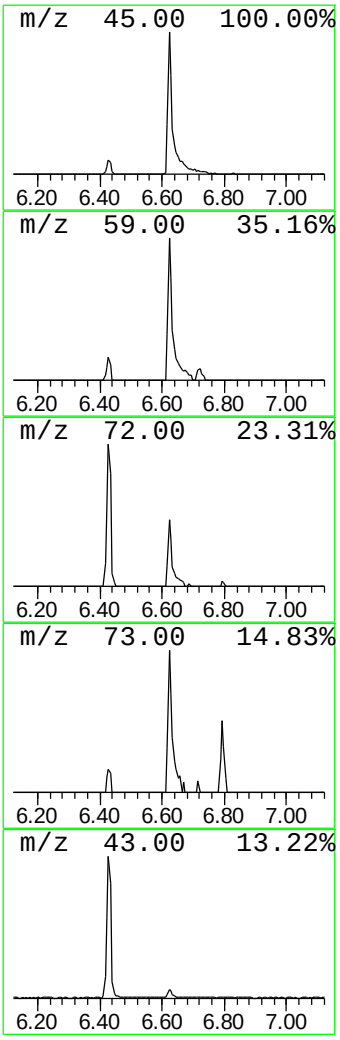
****

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	2.03 ng	79581	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	72
3	Diethyl carbitol	162	C8H18O3	000112-36-7	72
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
5	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121134.D
Acq On : 30 Jul 2020 18:13
Operator : JU/CG
Sample : L3473-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

Quant Title :

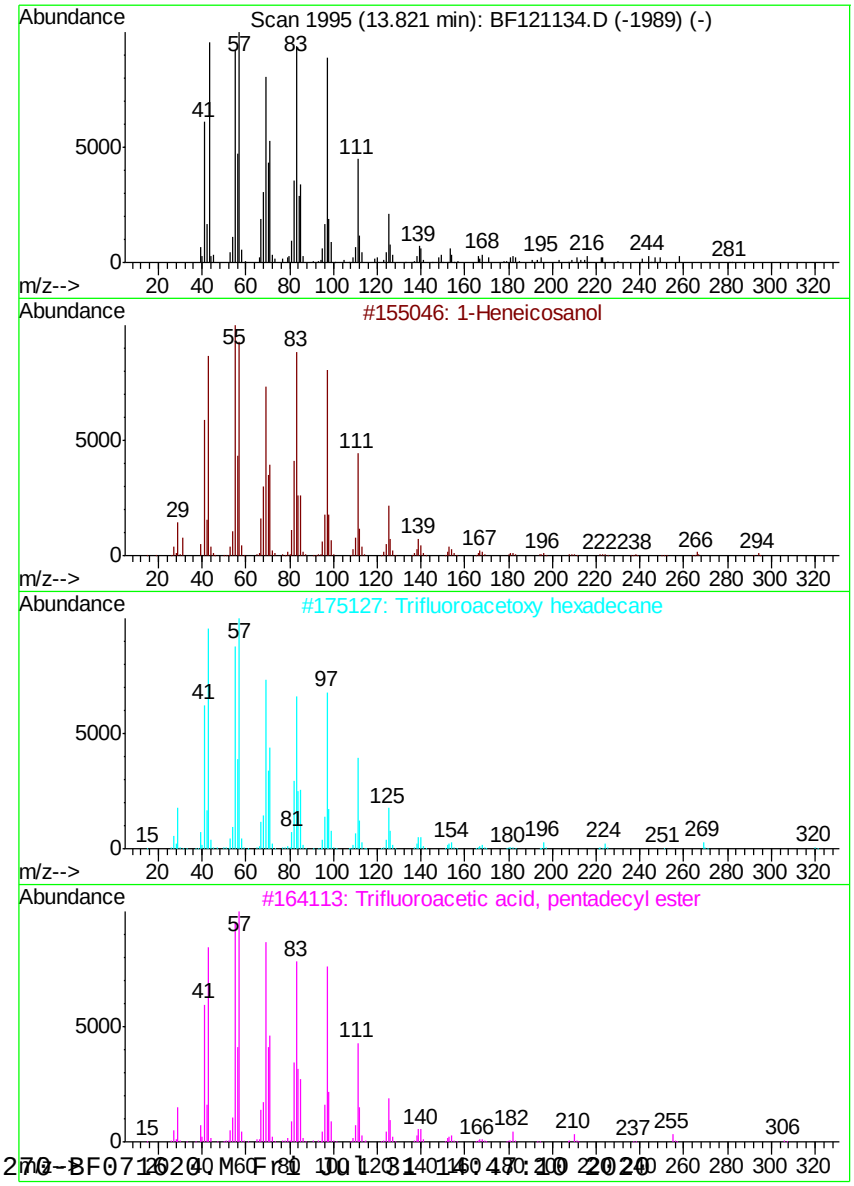
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

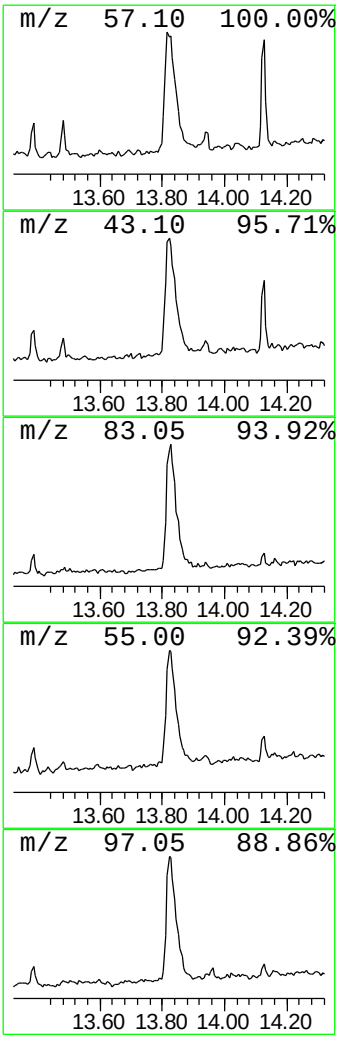
****

Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	6.19 ng	504970	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	93
5	Behenic alcohol	326	C22H46O	000661-19-8	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121134.D
Acq On : 30 Jul 2020 18:13
Operator : JU/CG
Sample : L3473-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

Quant Title :

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

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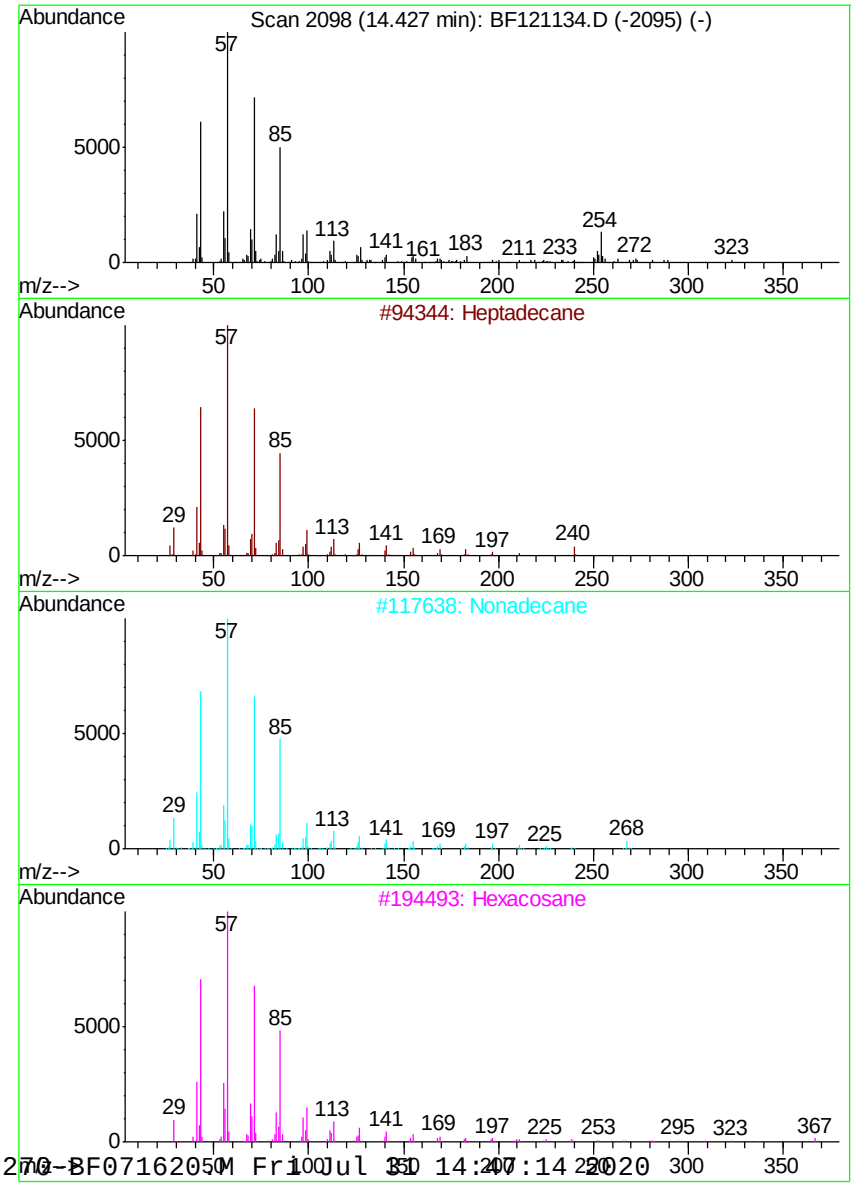
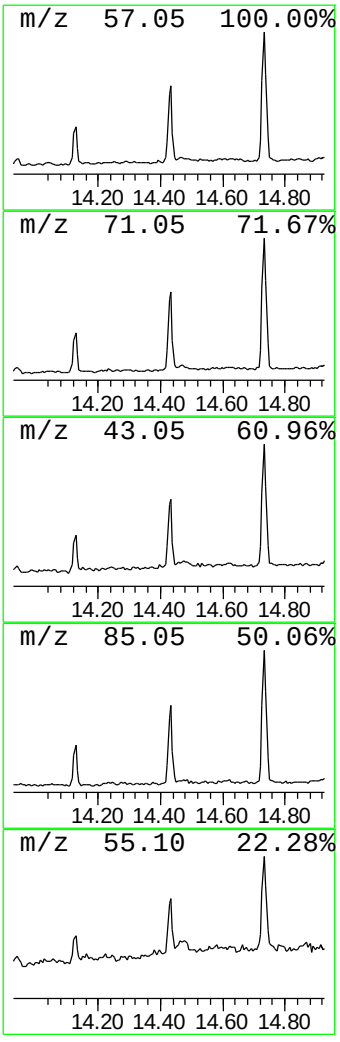
Peak Number 3 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.01 ng	163886	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	98
2	Nonadecane	268	C19H40	000629-92-5	93
3	Hexacosane	366	C26H54	000630-01-3	93
4	Heneicosane	296	C21H44	000629-94-7	87
5	Pentacosane	352	C25H52	000629-99-2	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121134.D
Acq On : 30 Jul 2020 18:13
Operator : JU/CG
Sample : L3473-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

Quant Title :

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

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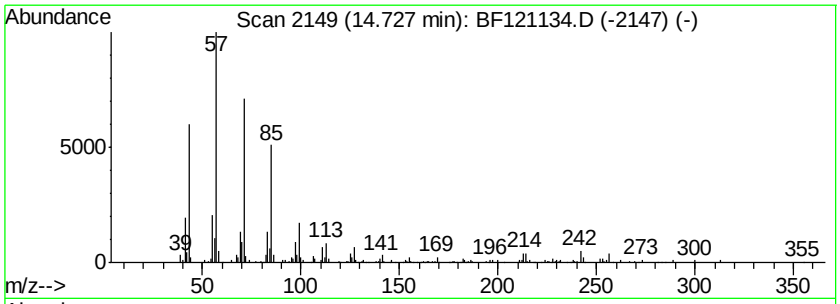
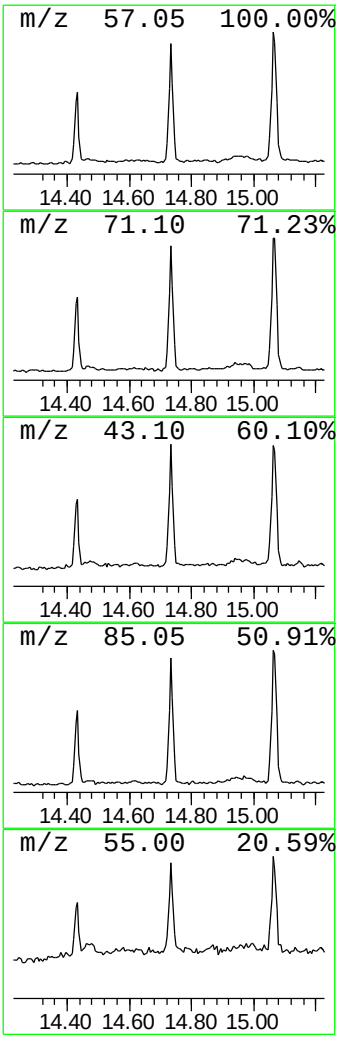
Peak Number 4 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	4.33 ng	245549	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121134.D
Acq On : 30 Jul 2020 18:13
Operator : JU/CG
Sample : L3473-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

Quant Title :

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

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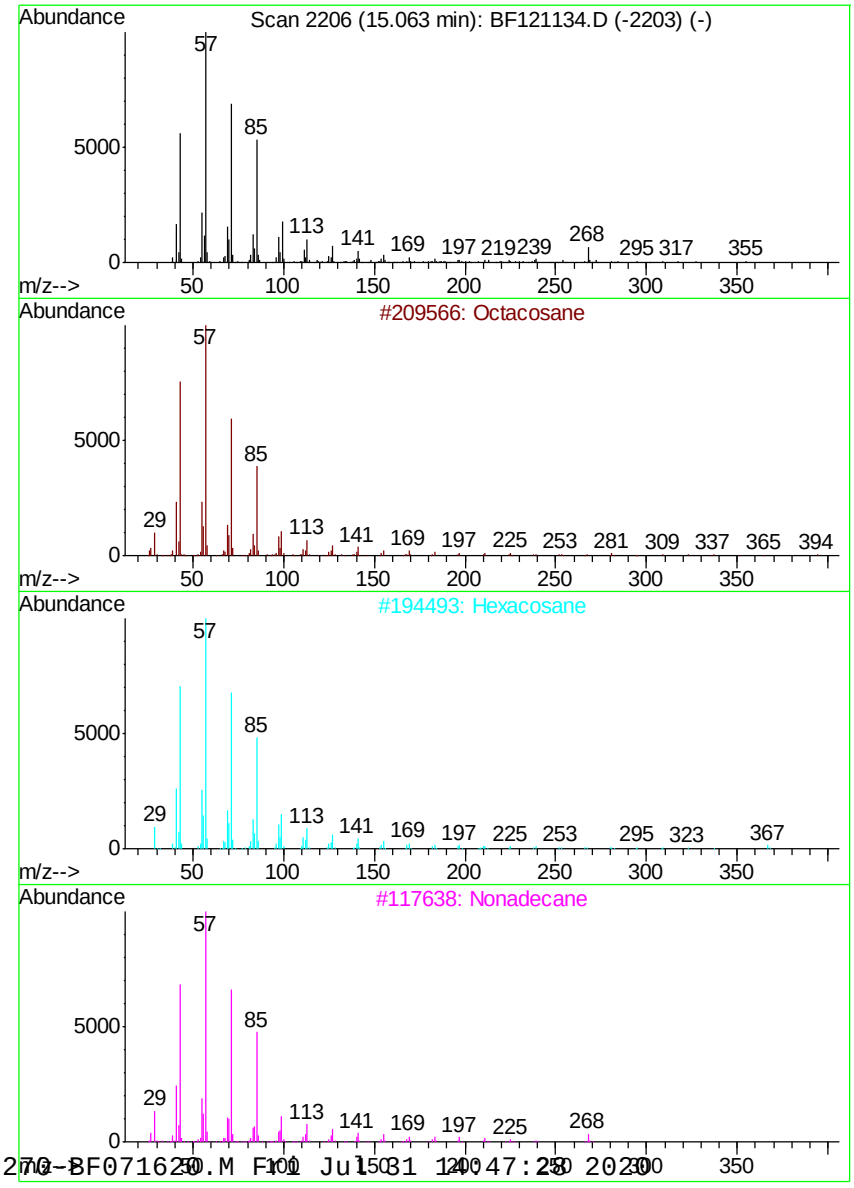
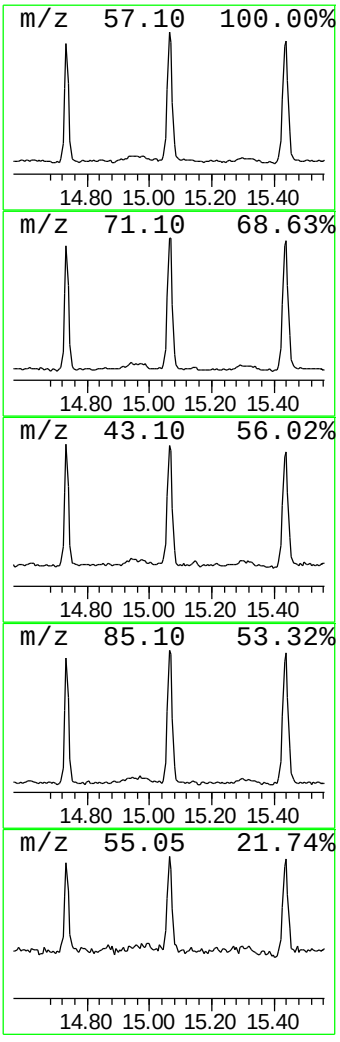
Peak Number 5 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	5.50 ng	311894	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121134.D
Acq On : 30 Jul 2020 18:13
Operator : JU/CG
Sample : L3473-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

Quant Title :

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

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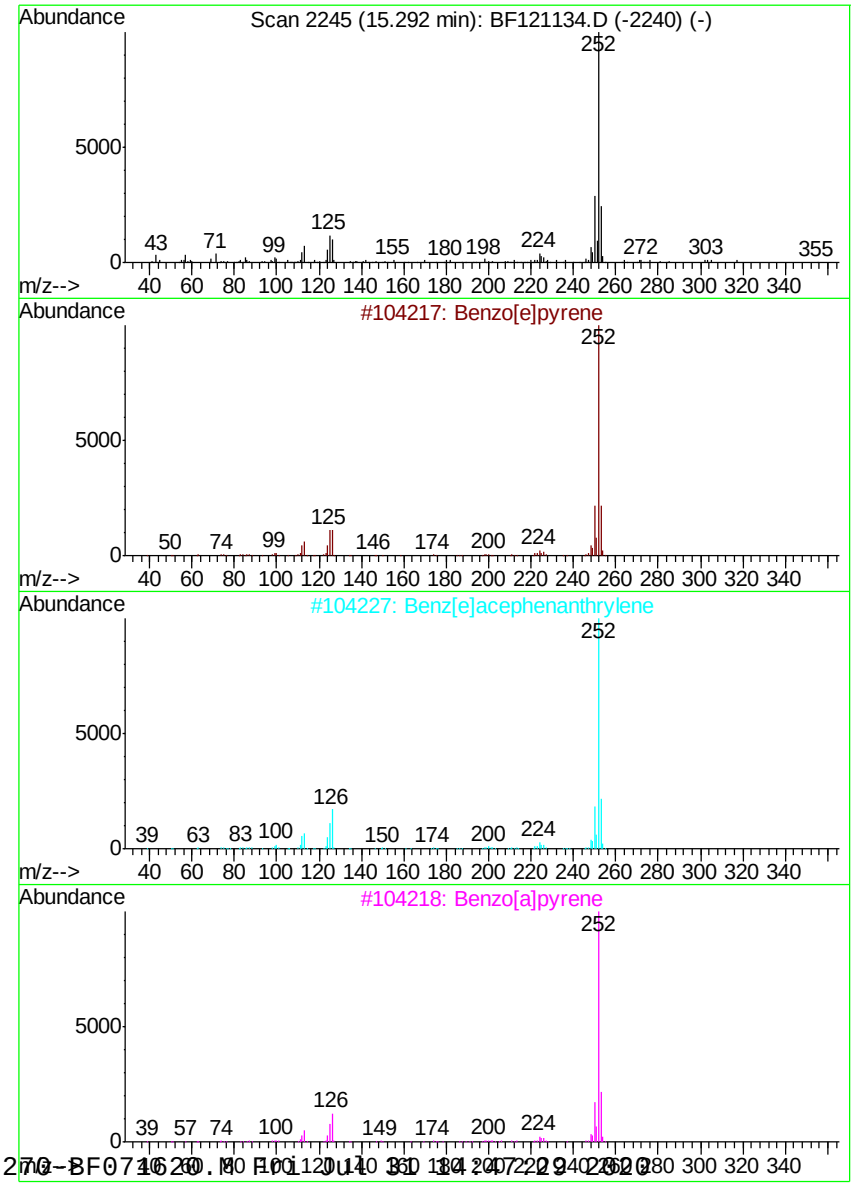
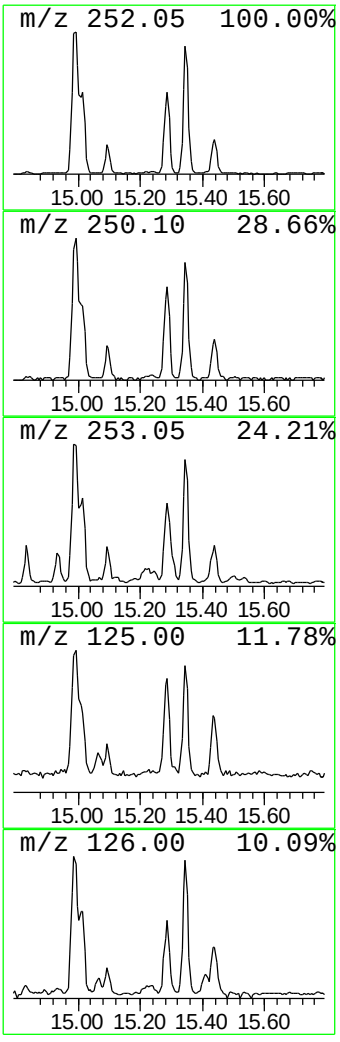
Peak Number 6 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	2.76 ng	156633	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121134.D
Acq On : 30 Jul 2020 18:13
Operator : JU/CG
Sample : L3473-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

Quant Title :

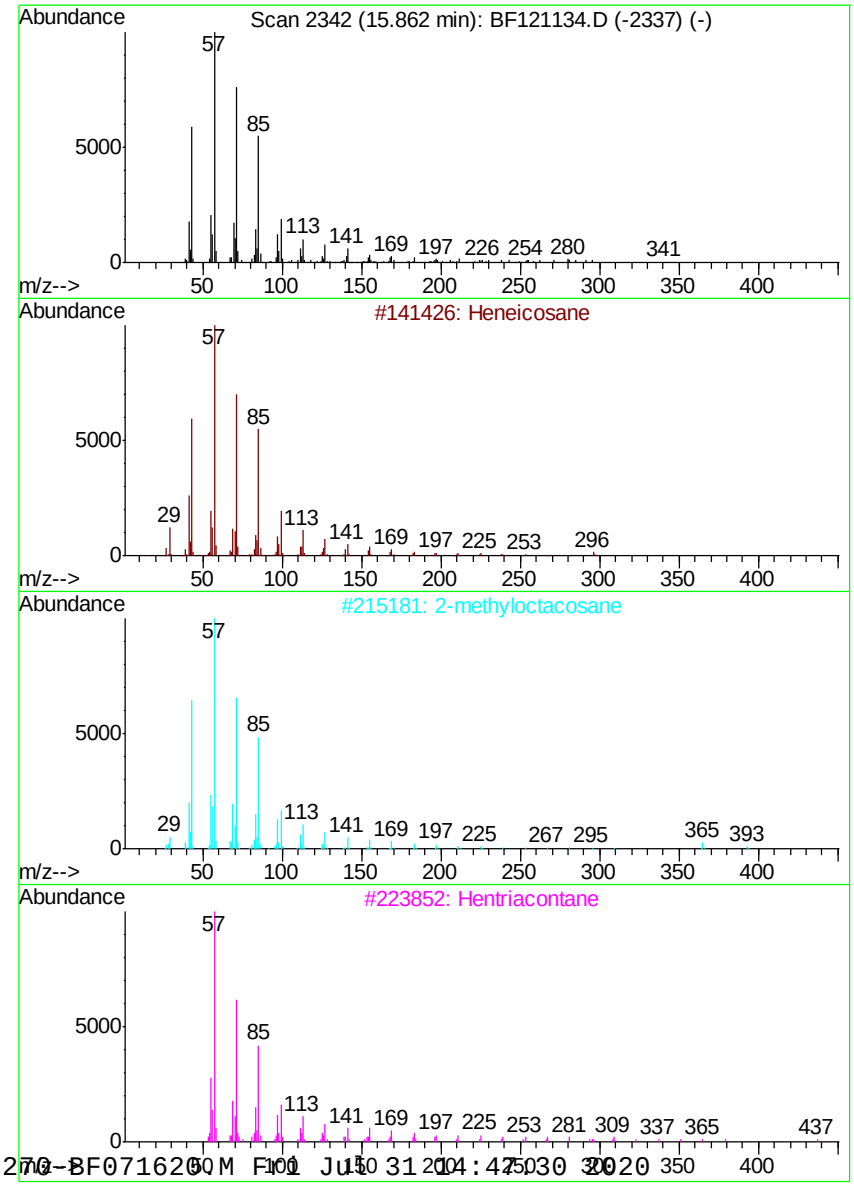
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

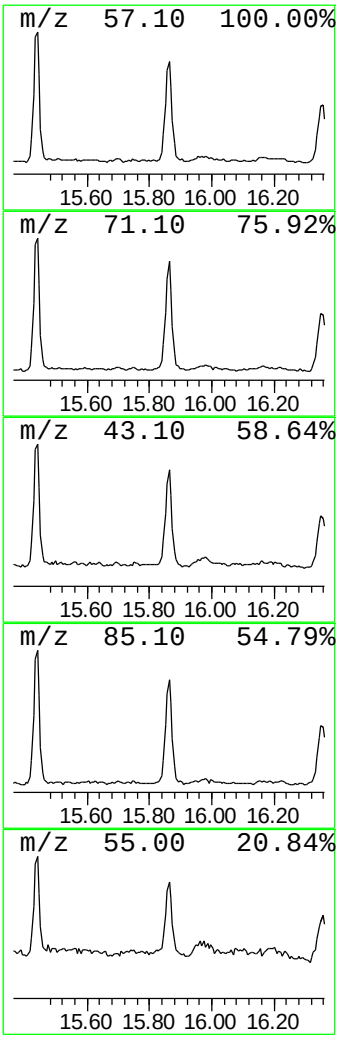
****

Peak Number 7 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	5.90 ng	334235	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Hexacosane	366	C26H54	000630-01-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121134.D
Acq On : 30 Jul 2020 18:13
Operator : JU/CG
Sample : L3473-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

Quant Title :

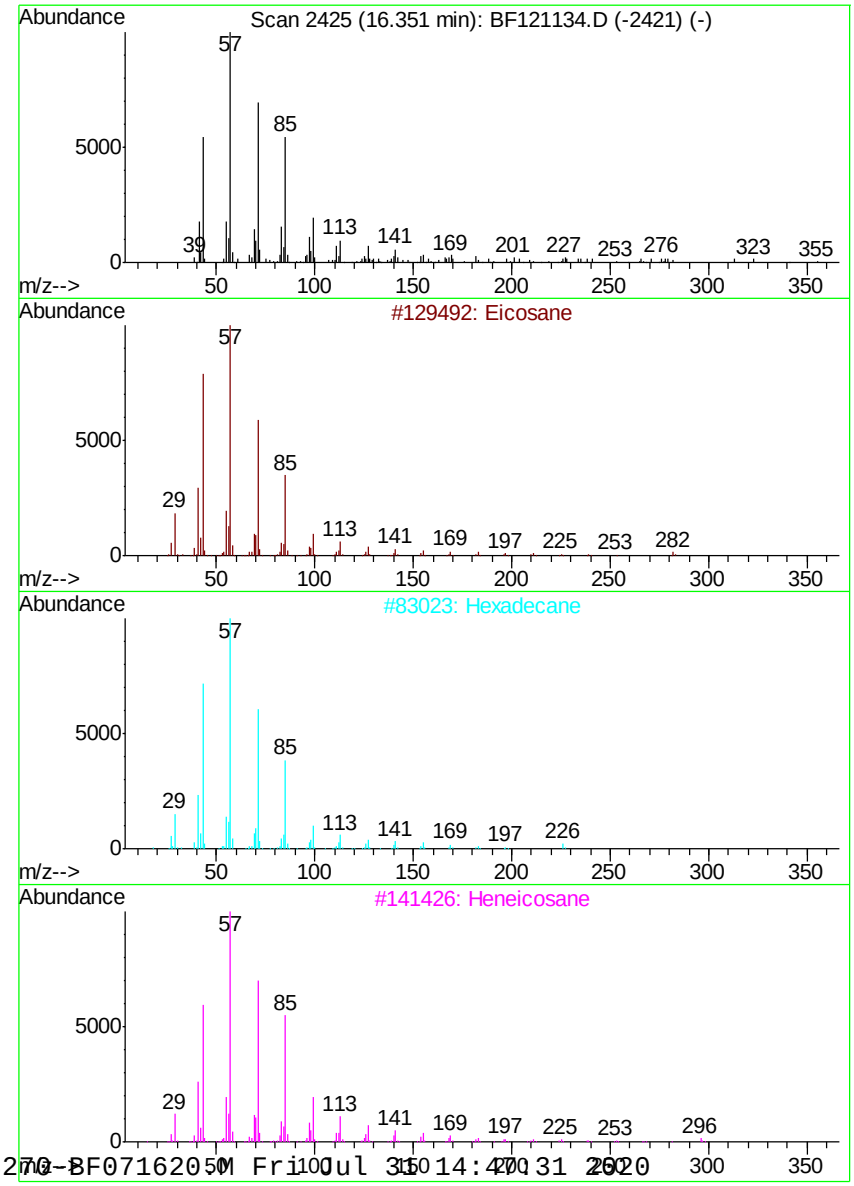
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

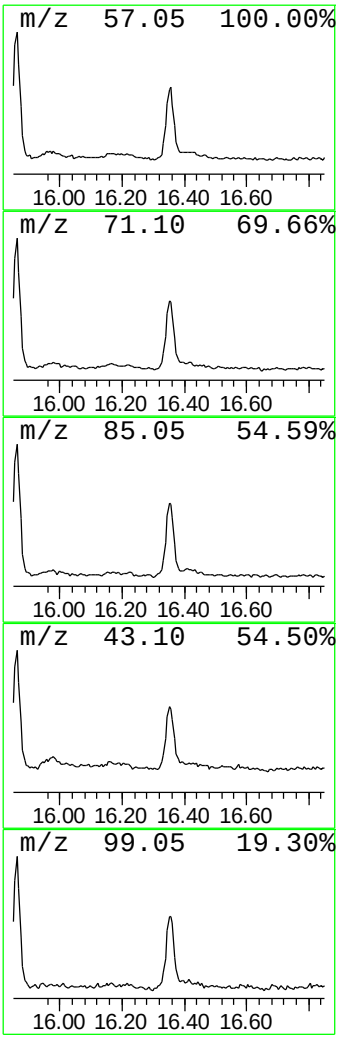
****

Peak Number 8 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	3.36 ng	190267	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heneicosane	296	C21H44	000629-94-7	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Tetracosane	338	C24H50	000646-31-1	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073020\
Data File : BF121134.D
Acq On : 30 Jul 2020 18:13
Operator : JU/CG
Sample : L3473-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-S

Quant Title :

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

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Ethanol, 2-(2-eth...	6.62	2.0	ng	79581	1	6.79	782663	20.0
1-Heneicosanol	13.82	6.2	ng	504970	5	13.96	1630650	20.0
Heptadecane	14.43	2.0	ng	163886	5	13.96	1630650	20.0
Nonadecane	14.73	4.3	ng	245549	6	15.41	1133190	20.0
Octacosane	15.06	5.5	ng	311894	6	15.41	1133190	20.0
Benzo[e]pyrene	15.29	2.8	ng	156633	6	15.41	1133190	20.0
Heneicosane	15.86	5.9	ng	334235	6	15.41	1133190	20.0
Eicosane	16.35	3.4	ng	190267	6	15.41	1133190	20.0