LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121019.D
Acq On : 24 Jul 2020 23:23
Operator : JU/CG
Sample : L3383-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-018

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	5.022	496	499	508	rVB	22707	30842	1.08%	0.132%
2	5.428	563	568	571	rBV	2419903	2299451	80.38%	9.863%
3	6.445	736	741	744	rBV	2316320	2215099	77.43%	9.501%
4	6.640	772	774	787	rBV	115342	127927	4.47%	0.549%
5	6.816	800	804	807	rBV	1027636	851408	29.76%	3.652%
6	7.375	894	899	902	rBV	1733298	1483850	51.87%	6.365%
7	8.098	1018	1022	1025	rBV	1128503	999810	34.95%	4.288%
8	9.169	1200	1204	1220	rBV	2735481	2860741	100.00%	12.270%
9	9.286	1222	1224	1232	rVB	44082	46922	1.64%	0.201%
10	9.563	1268	1271	1280	rBV	454465	416692	14.57%	1.787%
11	9.851	1316	1320	1337	rBV	1116268	1086876	37.99%	4.662%
12	10.633	1449	1453	1472	rBV	1423891	1545210	54.01%	6.628%
13	11.333	1568	1572	1575	rBV	1119272	1011911	35.37%	4.340%
14	11.357	1575	1576	1580	rVV	139619	94664	3.31%	0.406%
15	11.404	1582	1584	1588	rVB	29796	30521	1.07%	0.131%
16	11.863	1659	1662	1666	rBV	53351	49011	1.71%	0.210%
17	12.545	1774	1778	1782	rBV	153337	147583	5.16%	0.633%
18	12.769	1810	1816	1819	rBV	153732	168196	5.88%	0.721%
19	12.916	1837	1841	1845	rBV	2664987	2534105	88.58%	10.869%
20	13.492	1933	1939	1942	rBV5	36566	49576	1.73%	0.213%
21	13.604	1956	1958	1963	rVB2	31929	36464	1.27%	0.156%
22	13.716	1973	1977	1980	rBV2	20923	30110	1.05%	0.129%
23	13.821	1991	1995	2010	rBV2	236731	404904	14.15%	1.737%
24	13.969	2012	2020	2023	rBV	1117636	1209368	42.27%	5.187%
25	14.139	2045	2049	2054	rBV	111308	112404	3.93%	0.482%
26	14.439	2097	2100	2104	rBV	222518	213449	7.46%	0.916%
27	14.745	2148	2152	2155	rBV	306372	296996	10.38%	1.274%
28	14.816	2162	2164	2168	rVB2	38973	37839	1.32%	0.162%
29	14.992	2191	2194	2198	rBV	94310	150872	5.27%	0.647%
30	15.074	2204	2208	2215	rBV	334051	392484	13.72%	1.683%
31	15.292	2242	2245	2251	rVB	67936	99606	3.48%	0.427%
32	15.351	2252	2255	2261	rVB	66380	84529	2.95%	0.363%
33	15.415	2261	2266	2269	rBV	889544	1114740	38.97%	4.781%
34	15.451	2269	2272	2279	rVB	325922	420613	14.70%	1.804%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121019.D
Acq On : 24 Jul 2020 23:23
Operator : JU/CG
Sample : L3383-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-018

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	15.874	2339	2344	2351	rVB	231128	336712	11.77%	1.444%
36	16.368	2423	2428	2433	rBV2	119972	210993	7.38%	0.905%
37	16.945	2521	2526	2532	rVB2	55222	111802	3.91%	0.480%

Sum of corrected areas: 23314280

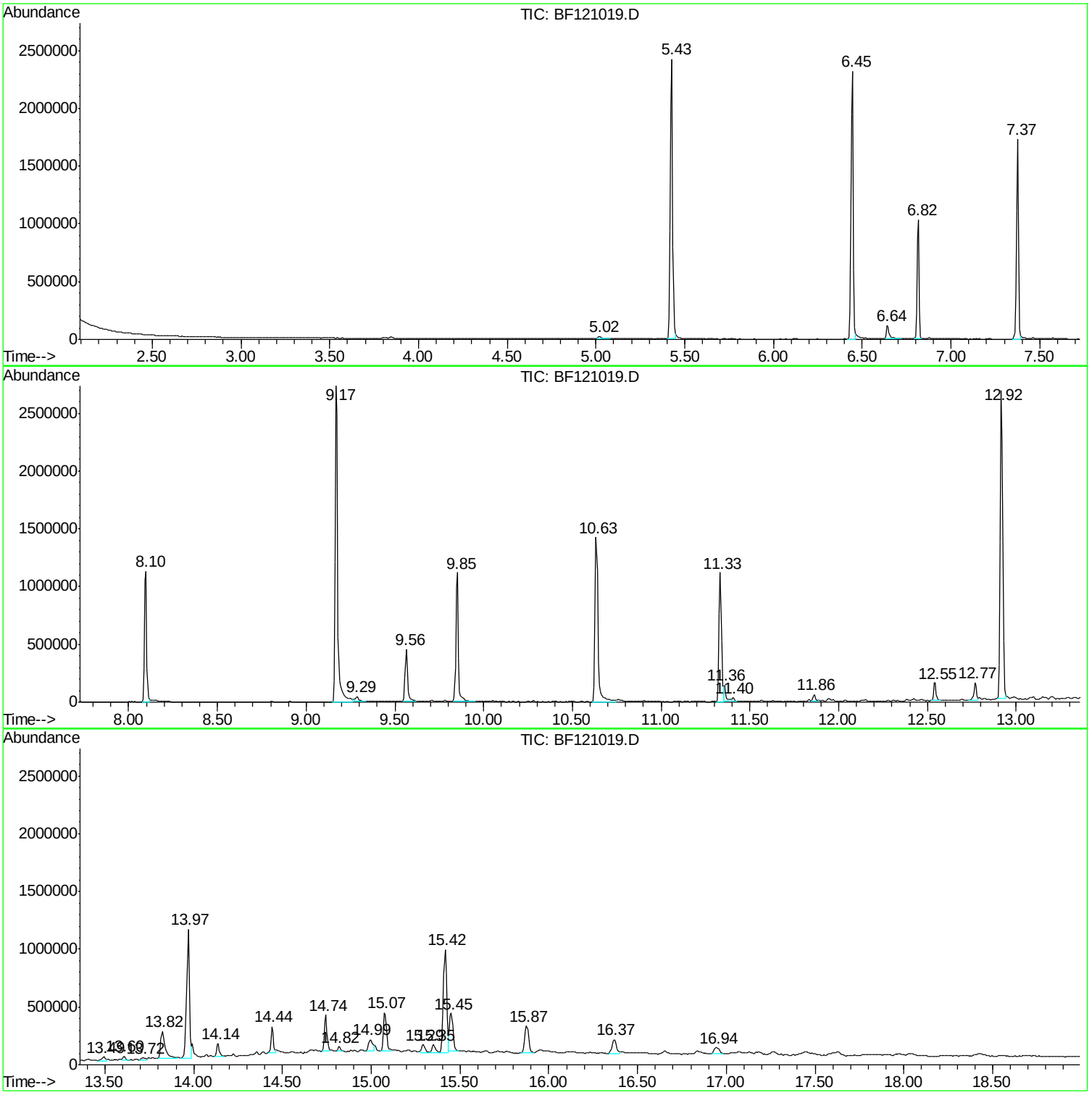
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121019.D
Acq On : 24 Jul 2020 23:23
Operator : JU/CG
Sample : L3383-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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\BF072420\
Data File : BF121019.D
Acq On : 24 Jul 2020 23:23
Operator : JU/CG
Sample : L3383-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

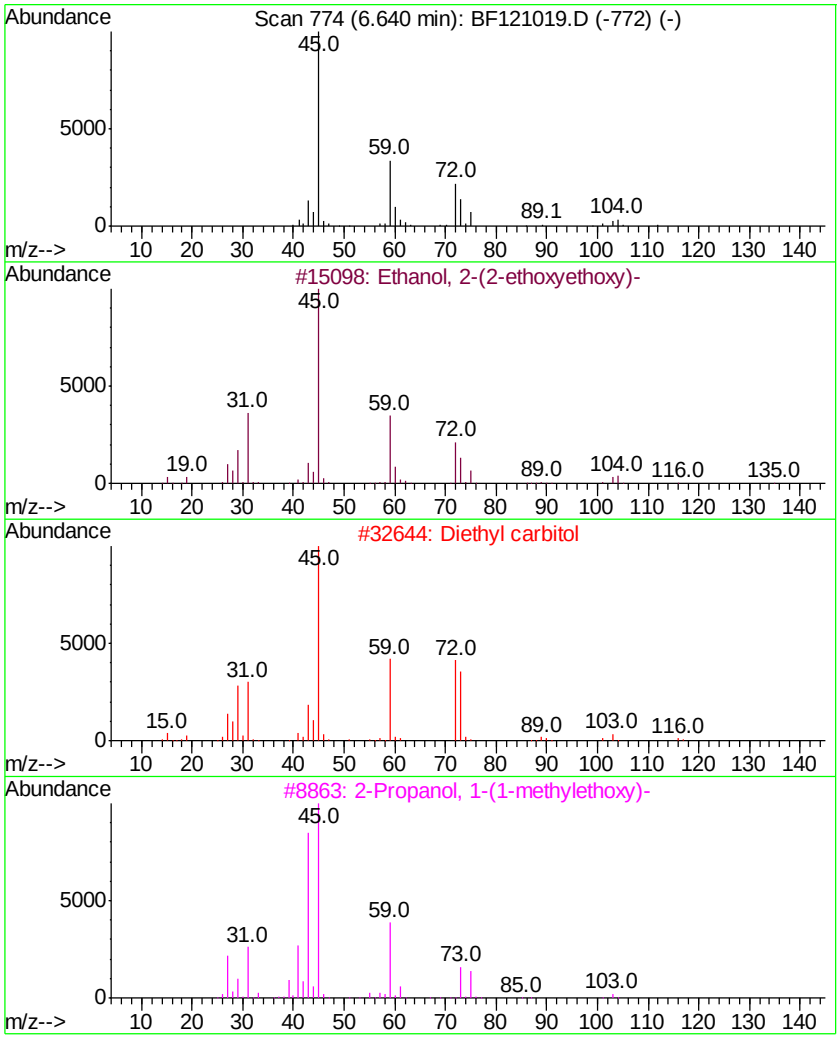
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

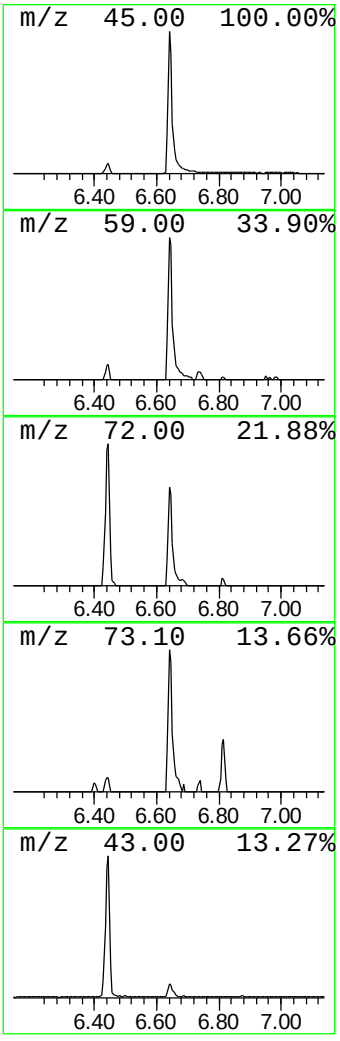
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	3.01 ng	127927	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	38
4	Ethanol, 2,2'-oxybis-	106	C4H10O3	000111-46-6	37
5	.beta.-Methoxyethoxymethyl chloride	124	C4H9ClO2	003970-21-6	36





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121019.D
Acq On : 24 Jul 2020 23:23
Operator : JU/CG
Sample : L3383-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-018

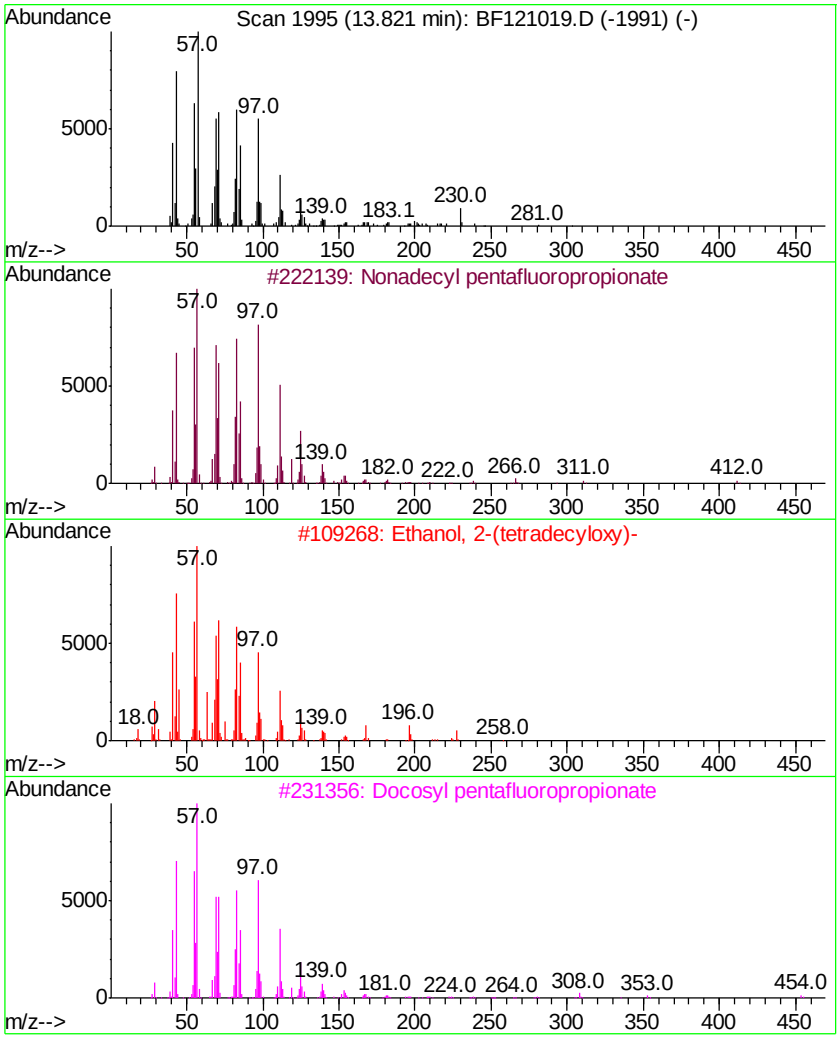
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

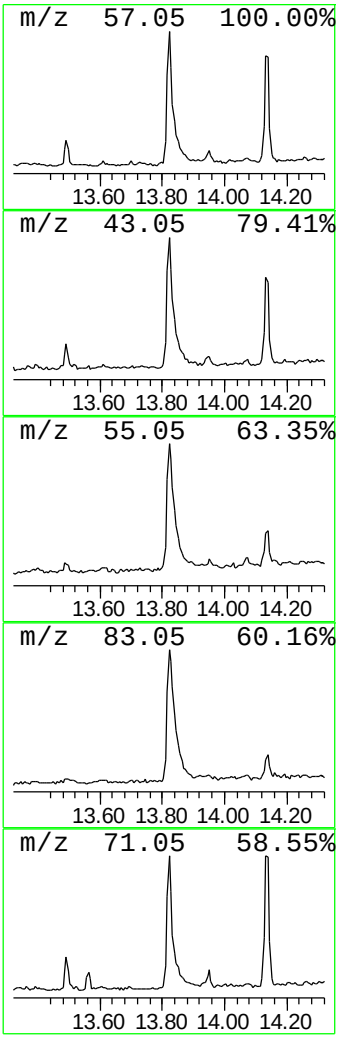
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Nonadecyl pentafluoropropio... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	6.70 ng	404904	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	90
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	81
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121019.D
Acq On : 24 Jul 2020 23:23
Operator : JU/CG
Sample : L3383-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

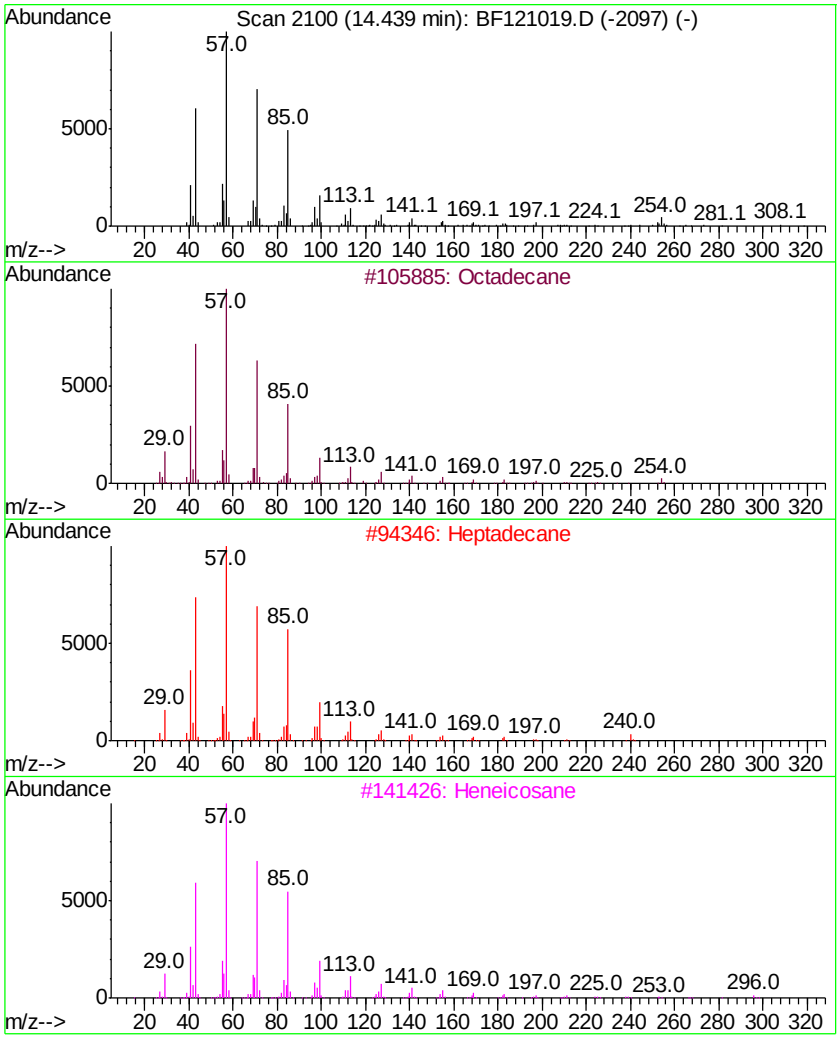
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

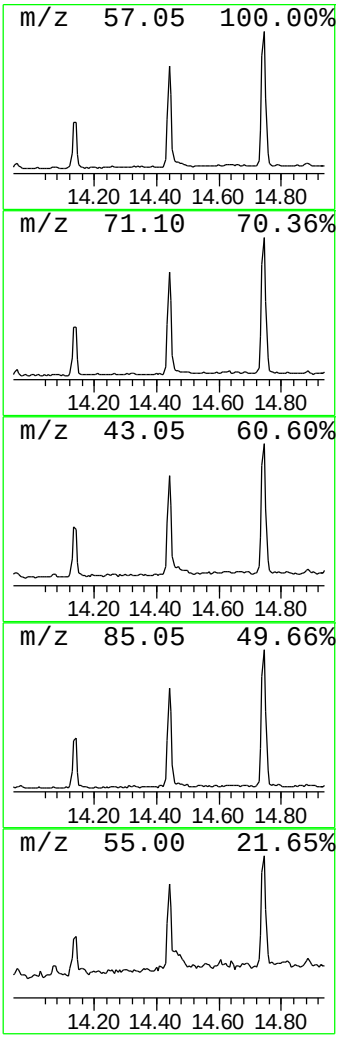
****

Peak Number 3 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	3.53 ng	213449	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	98
2	Heptadecane	240	C17H36	000629-78-7	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Eicosane	282	C20H42	000112-95-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121019.D
Acq On : 24 Jul 2020 23:23
Operator : JU/CG
Sample : L3383-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

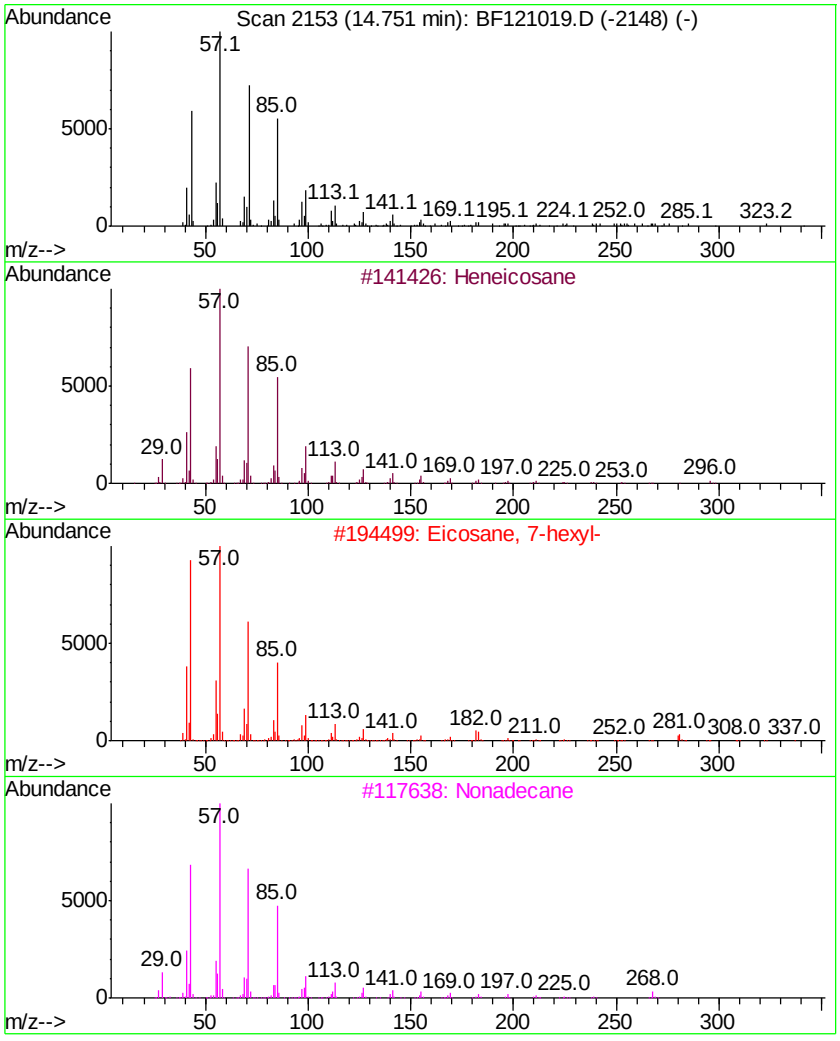
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

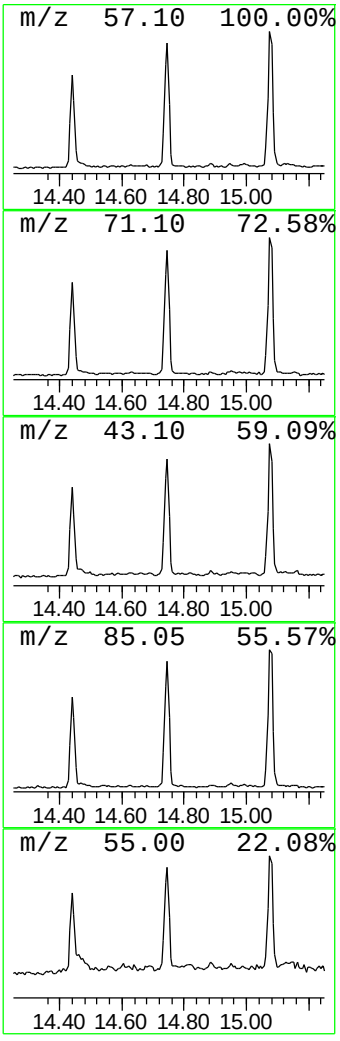
****

Peak Number 4 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	5.33 ng	296996	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
3	Nonadecane	268	C19H40	000629-92-5	86
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
5	Tetratetracontane	619	C44H90	007098-22-8	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121019.D
Acq On : 24 Jul 2020 23:23
Operator : JU/CG
Sample : L3383-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

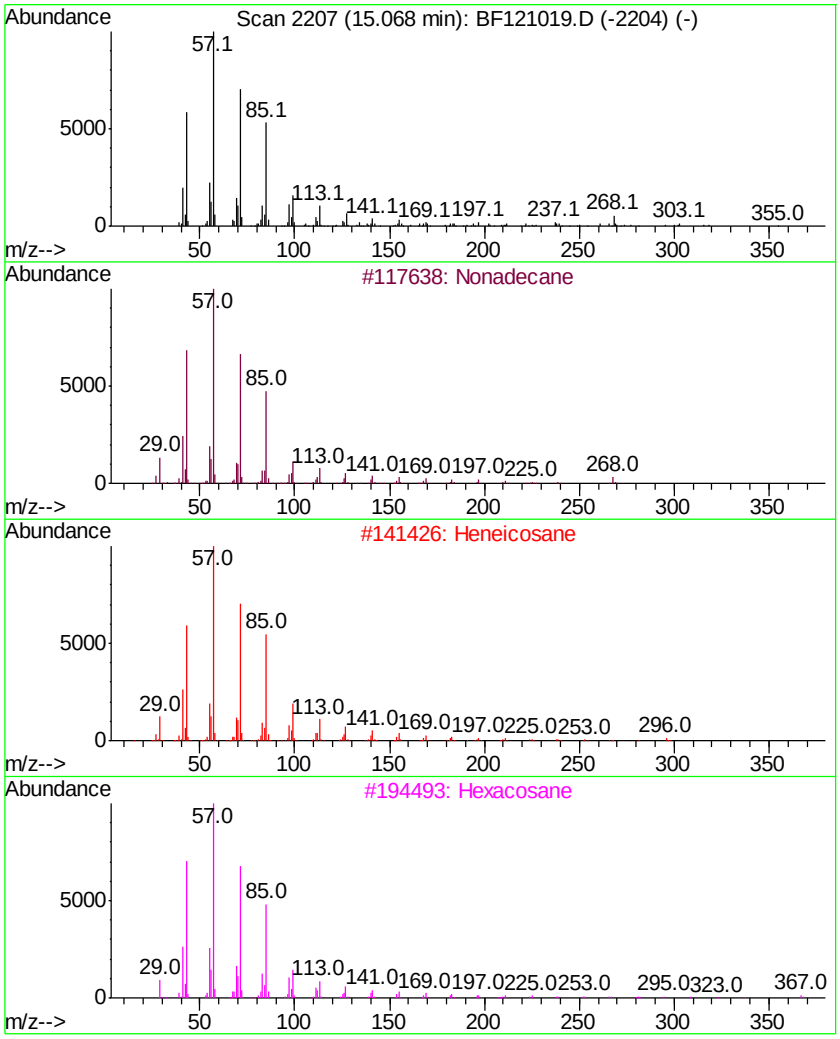
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

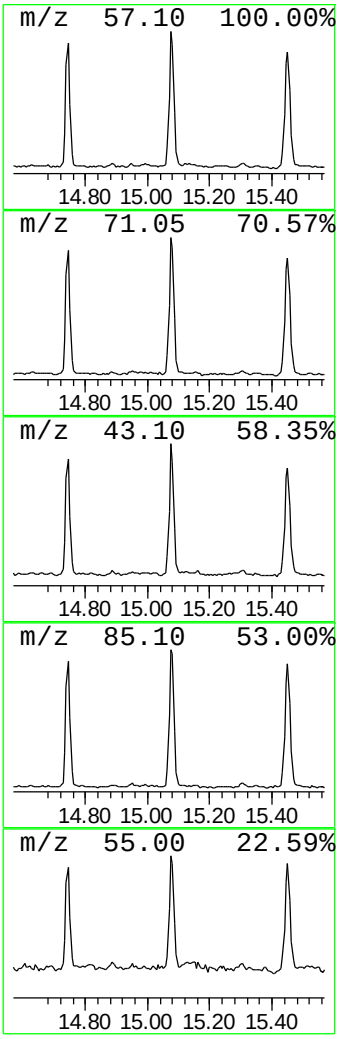
****

Peak Number 5 Nonadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	7.04 ng	392484	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121019.D
Acq On : 24 Jul 2020 23:23
Operator : JU/CG
Sample : L3383-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

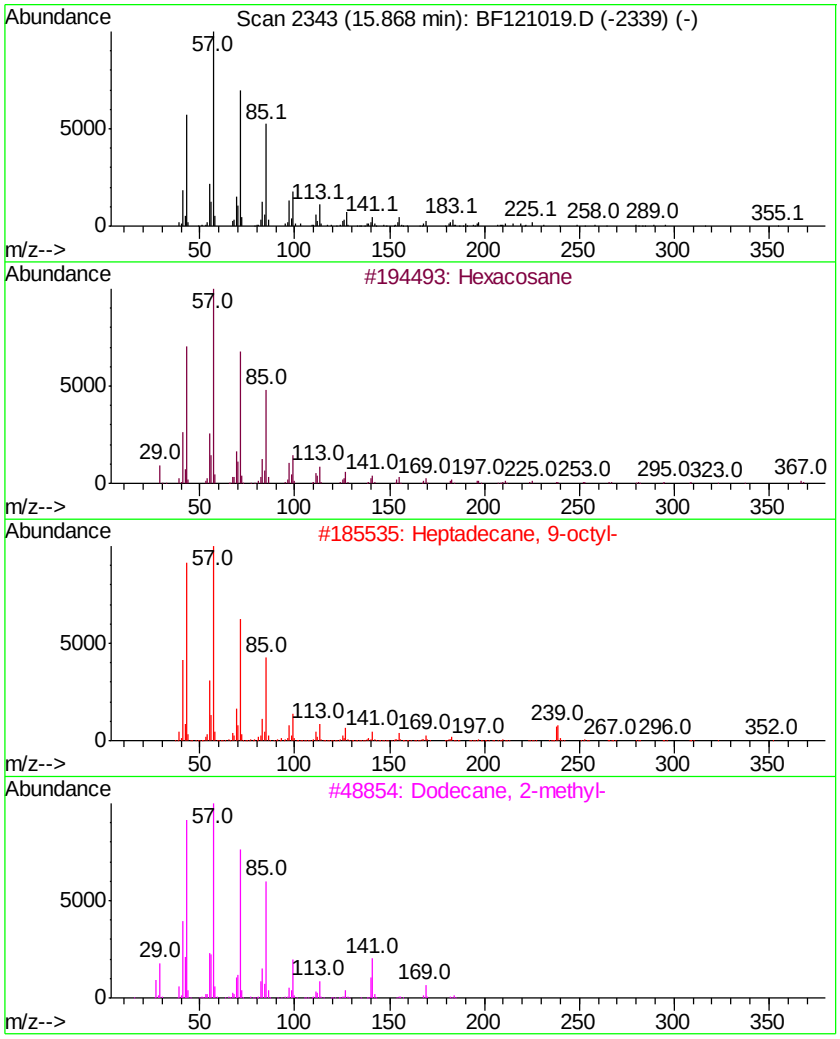
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

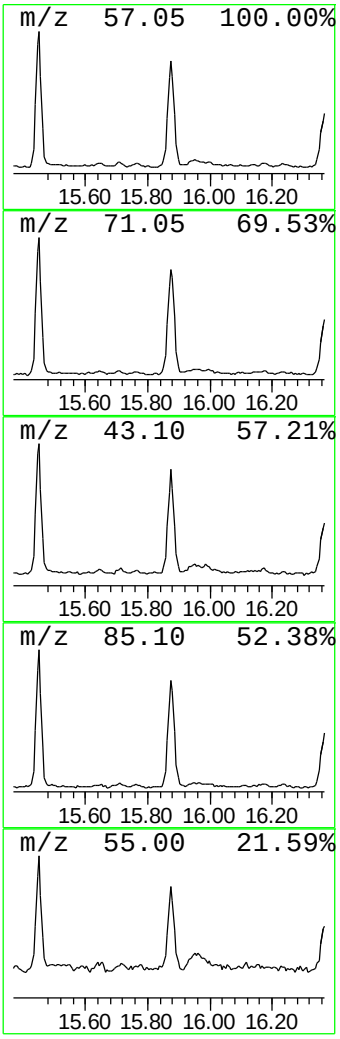
****

Peak Number 6 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	6.04 ng	336712	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121019.D
Acq On : 24 Jul 2020 23:23
Operator : JU/CG
Sample : L3383-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

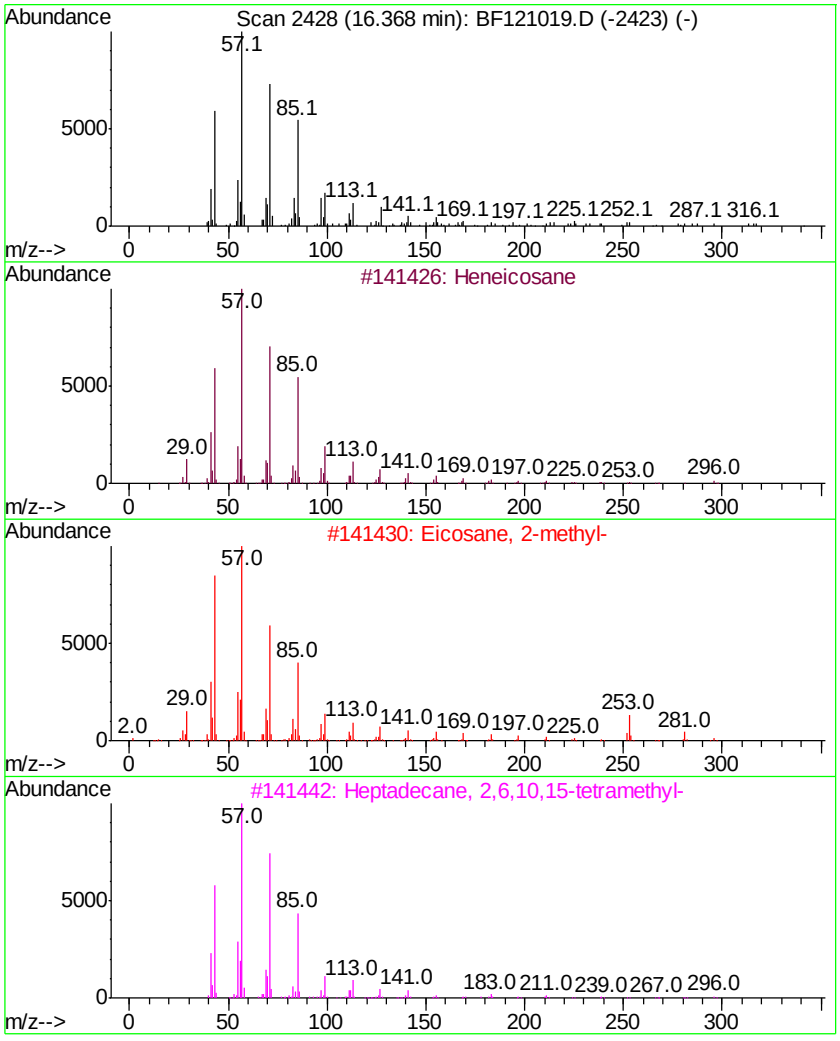
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

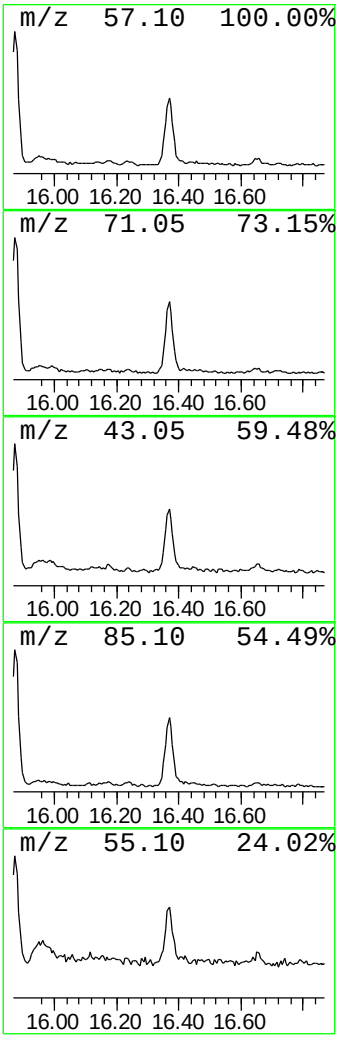
****

Peak Number 7 Eicosane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	3.79 ng	210993	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	99
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	94
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
4	Hexadecane	226	C16H34	000544-76-3	92
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121019.D
Acq On : 24 Jul 2020 23:23
Operator : JU/CG
Sample : L3383-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

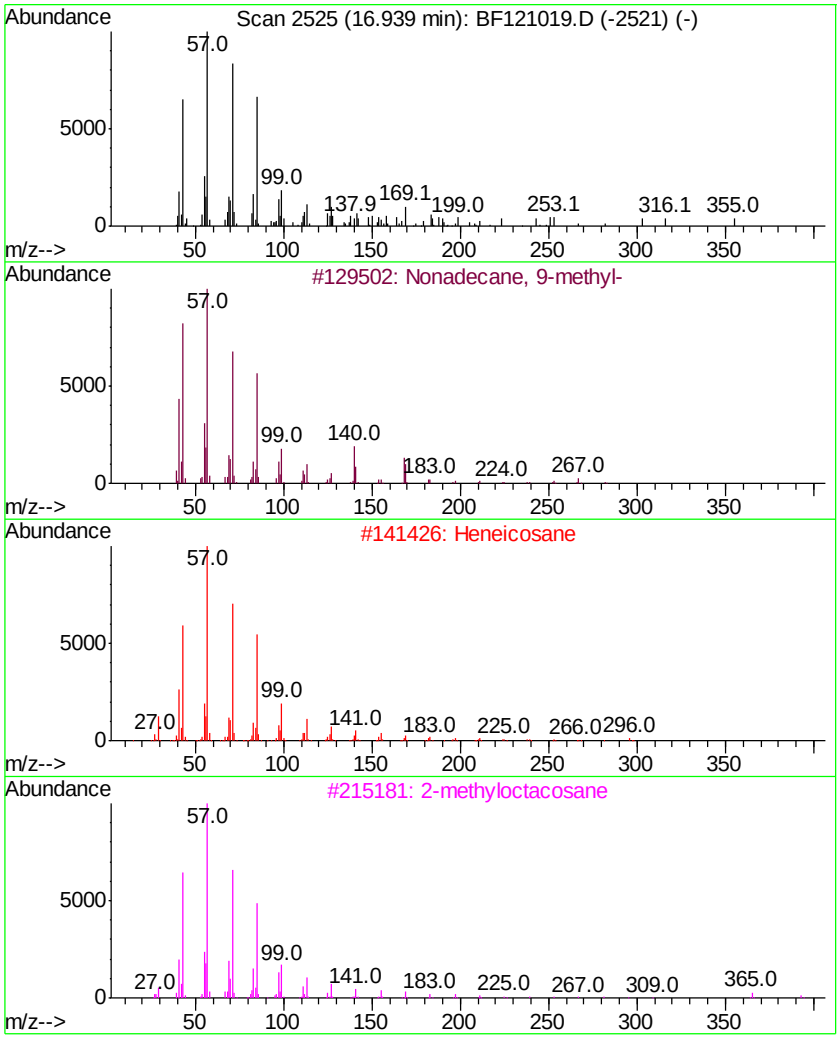
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

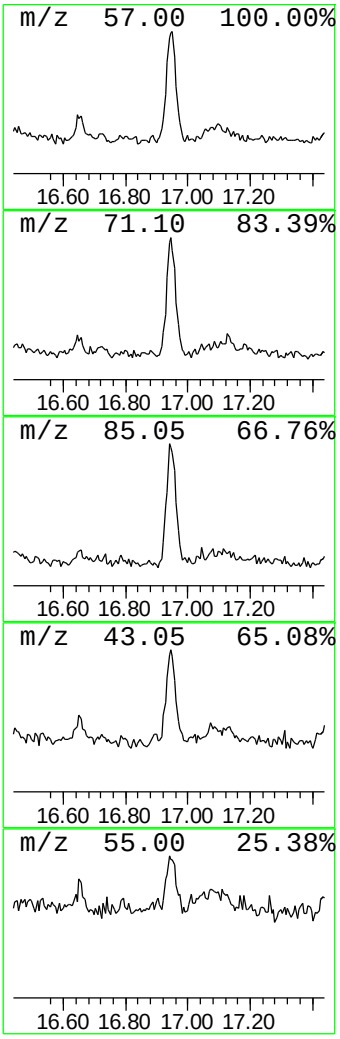
****

Peak Number 8 Nonadecane, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	2.01 ng	111802	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
2	Heneicosane	296	C21H44	000629-94-7	81
3	2-methyloctacosane	408	C29H60	1000376-72-8	74
4	Octacosane	394	C28H58	000630-02-4	74
5	Pentacosane	352	C25H52	000629-99-2	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072420\
Data File : BF121019.D
Acq On : 24 Jul 2020 23:23
Operator : JU/CG
Sample : L3383-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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
Ethanol, 2-(2-eth...	6.64	3.0	ng	127927	1	6.82	851408	20.0
Nonadecyl pentafl...	13.82	6.7	ng	404904	5	13.97	1209370	20.0
Octadecane	14.44	3.5	ng	213449	5	13.97	1209370	20.0
Heneicosane	14.75	5.3	ng	296996	6	15.42	1114740	20.0
Nonadecane	15.07	7.0	ng	392484	6	15.42	1114740	20.0
Hexacosane	15.87	6.0	ng	336712	6	15.42	1114740	20.0
Eicosane, 2-methyl-	16.37	3.8	ng	210993	6	15.42	1114740	20.0
Nonadecane, 9-met...	16.94	2.0	ng	111802	6	15.42	1114740	20.0