LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119252.D
Acq On : 6 Mar 2020 16:15
Operator : CG/JU
Sample : L1792-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

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-BF022020.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	4.916	478	481	491	rBV	139374	189962	5.21%	0.687%
2	5.351	552	555	574	rBV	1371838	1941272	53.25%	7.022%
3	5.522	583	584	602	rVB2	31788	65114	1.79%	0.236%
4	6.375	726	729	748	rBV	1787284	2076613	56.96%	7.512%
5	6.722	785	788	796	rBV	740486	612297	16.80%	2.215%
6	6.881	811	815	828	rVB	1915834	1876356	51.47%	6.787%
7	7.287	880	884	896	rBV	1460531	1388334	38.08%	5.022%
8	8.004	1002	1006	1015	rBV	910226	818258	22.45%	2.960%
9	9.081	1184	1189	1192	rBV	3160526	2935125	80.51%	10.617%
10	9.475	1252	1256	1265	rBV	216283	184914	5.07%	0.669%
11	9.757	1300	1304	1313	rVB	1129308	1030589	28.27%	3.728%
12	10.545	1434	1438	1451	rBV	1976878	2032571	55.76%	7.352%
13	11.239	1552	1556	1564	rBV	1285155	1111929	30.50%	4.022%
14	11.774	1641	1647	1664	rBV	727253	1018808	27.95%	3.685%
15	12.174	1700	1715	1727	rBV	86432	362596	9.95%	1.312%
16	12.463	1760	1764	1766	rBV	36115	51122	1.40%	0.185%
17	12.557	1774	1780	1792	rBV	412009	620404	17.02%	2.244%
18	12.821	1821	1825	1829	rBV	3796905	3645450	100.00%	13.186%
19	13.510	1930	1942	1955	rBV3	157345	513530	14.09%	1.858%
20	13.716	1973	1977	1992	rBV	268892	403459	11.07%	1.459%
21	13.880	2001	2005	2014	rVB	1129617	1106451	30.35%	4.002%
22	14.033	2027	2031	2033	rBV2	68365	82954	2.28%	0.300%
23	14.274	2066	2072	2079	rBV2	133576	270430	7.42%	0.978%
24	14.339	2079	2083	2091	rVB2	87135	123256	3.38%	0.446%
25	14.633	2128	2133	2138	rVB	153301	189902	5.21%	0.687%
26	14.704	2141	2145	2151	rVB	53297	62336	1.71%	0.225%
27	14.892	2171	2177	2182	rBV4	47449	119078	3.27%	0.431%
28	14.945	2182	2186	2191	rVB	251379	315271	8.65%	1.140%
29	15.304	2241	2247	2262	rVB2	1005173	1493476	40.97%	5.402%
30	15.704	2308	2315	2321	rBV	274135	441039	12.10%	1.595%
31	15.768	2322	2326	2339	rVB9	32744	91127	2.50%	0.330%
32	16.168	2388	2394	2407	rVB	167985	316734	8.69%	1.146%
33	16.715	2481	2487	2494	rVB4	57471	110179	3.02%	0.399%
34	17.351	2593	2595	2605	rVB7	23383	44755	1.23%	0.162%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119252.D
Acq On : 6 Mar 2020 16:15
Operator : CG/JU
Sample : L1792-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

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-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 27645691

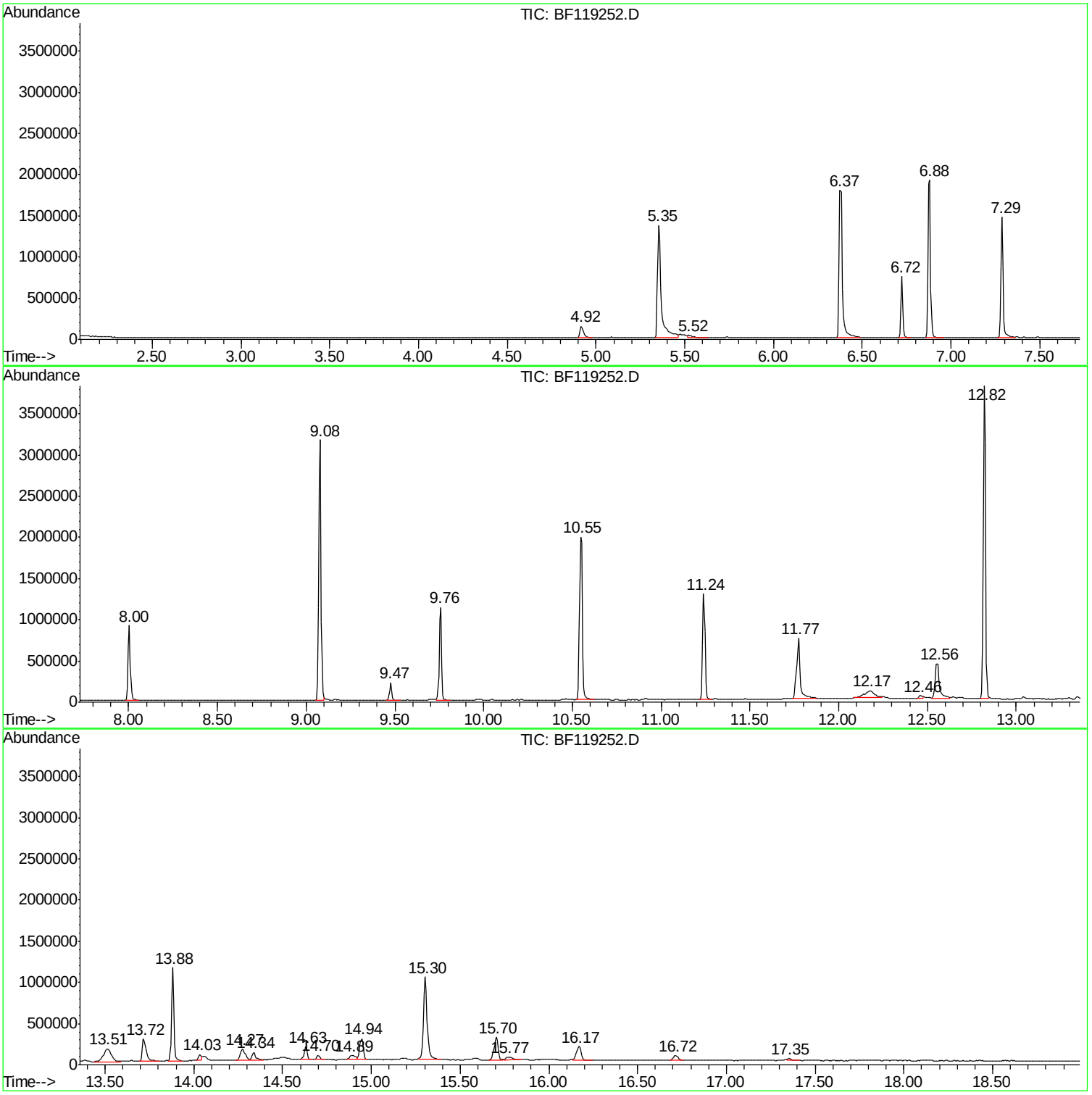
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119252.D
Acq On : 6 Mar 2020 16:15
Operator : CG/JU
Sample : L1792-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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\BF030620\
Data File : BF119252.D
Acq On : 6 Mar 2020 16:15
Operator : CG/JU
Sample : L1792-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

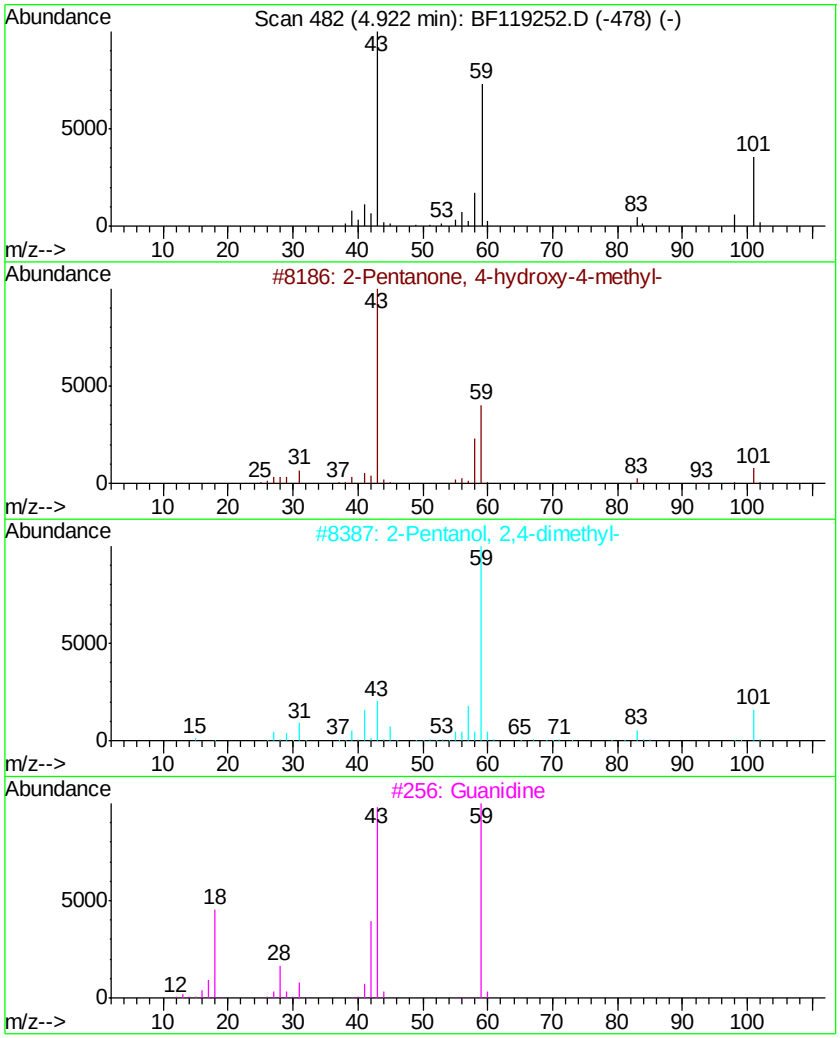
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

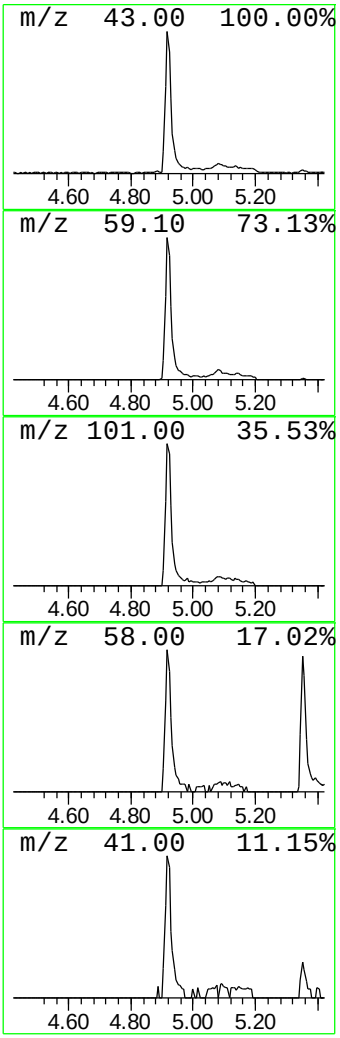
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	6.20 ng	189962	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	42
3	Guanidine	59	CH5N3	000113-00-8	37
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	2,4-Pentanedione, 3-(1-methyleth...	142	C8H14O2	001540-38-1	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119252.D
Acq On : 6 Mar 2020 16:15
Operator : CG/JU
Sample : L1792-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

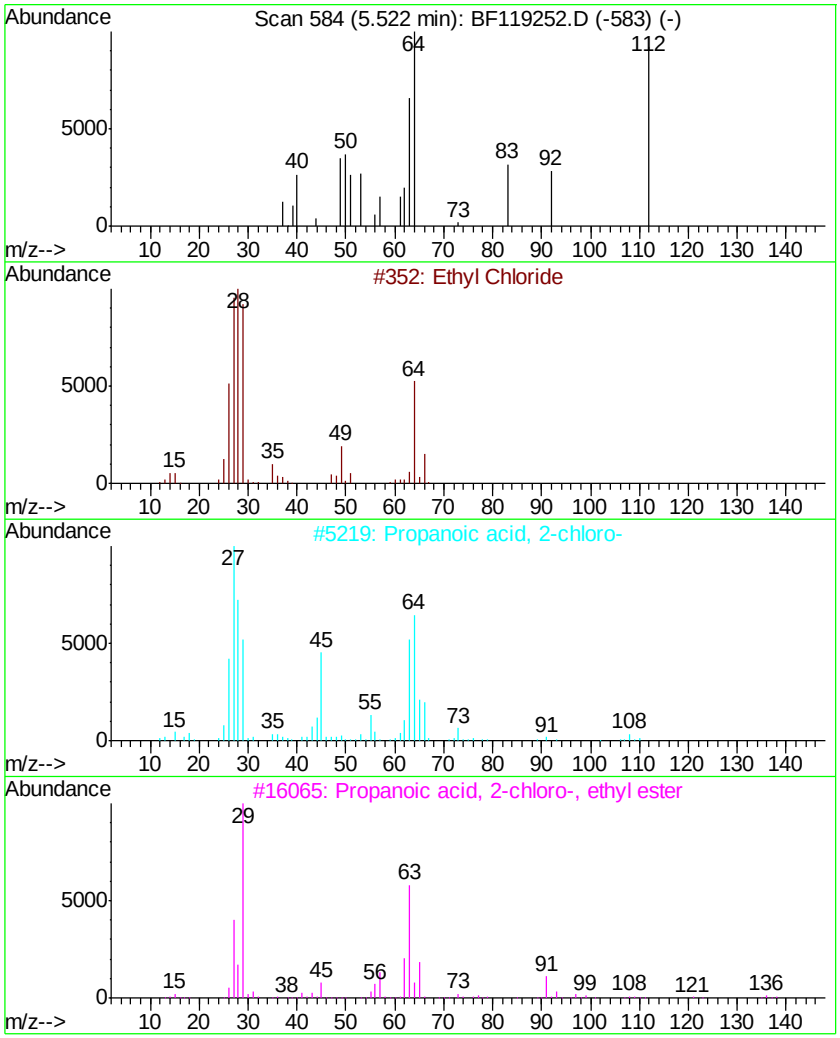
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

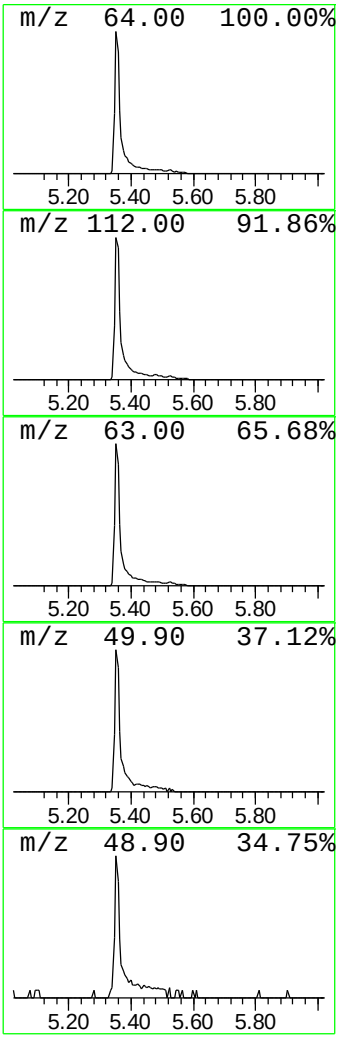
****

Peak Number 2 unknown5.52 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	2.13 ng	65114	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Chloride	64	C2H5Cl	000075-00-3	9
2	Propanoic acid, 2-chloro-	108	C3H5ClO2	000598-78-7	9
3	Propanoic acid, 2-chloro-, ethyl...	136	C5H9ClO2	000535-13-7	8
4	Ethene, trifluoro-	82	C2HF3	000359-11-5	4
5	Hepta-4,6-diyn-2-ol	108	C7H8O	1000154-66-3	4





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119252.D
Acq On : 6 Mar 2020 16:15
Operator : CG/JU
Sample : L1792-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

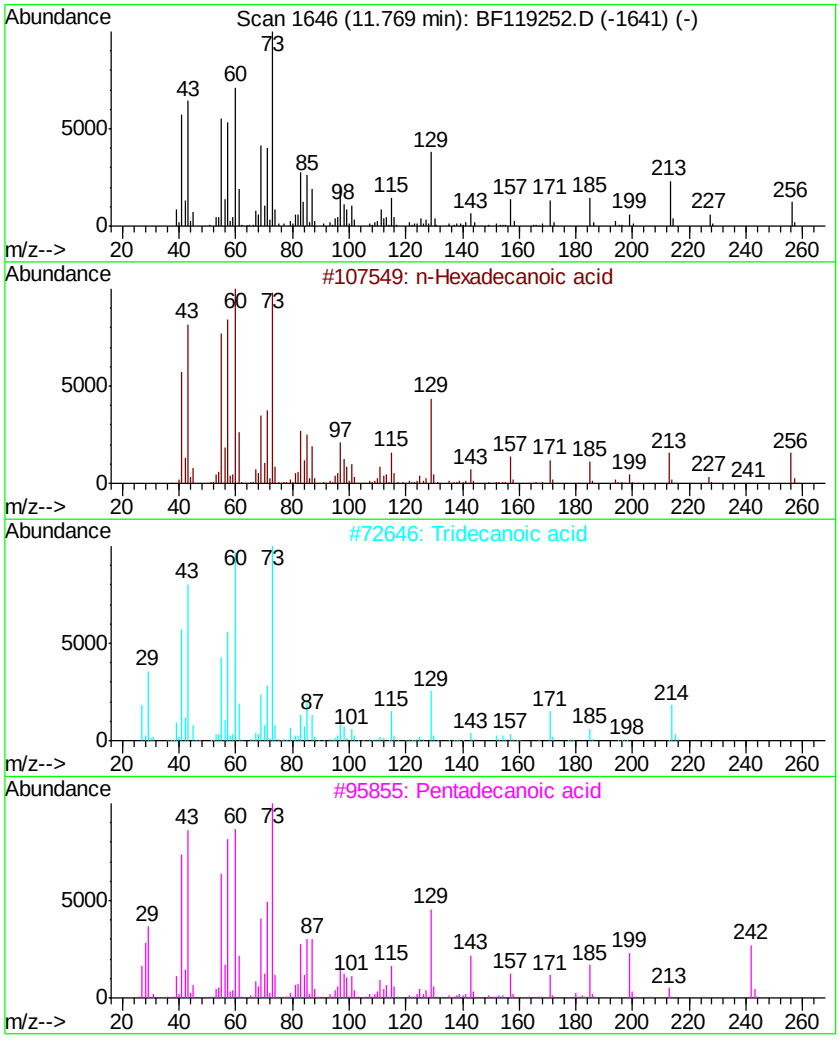
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

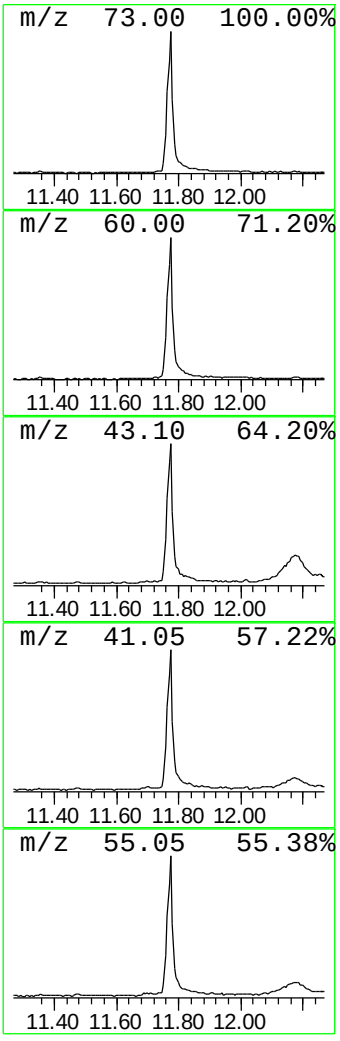
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	18.33 ng	1018810	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119252.D
Acq On : 6 Mar 2020 16:15
Operator : CG/JU
Sample : L1792-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

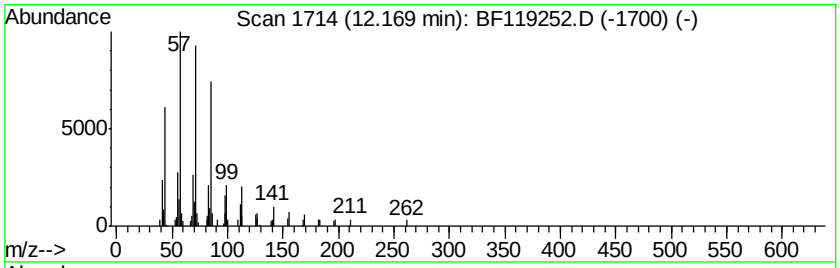
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

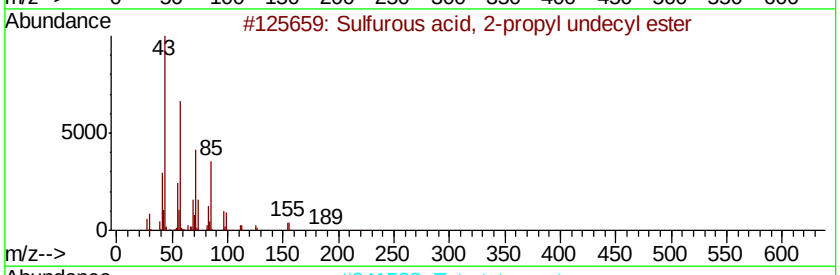
****

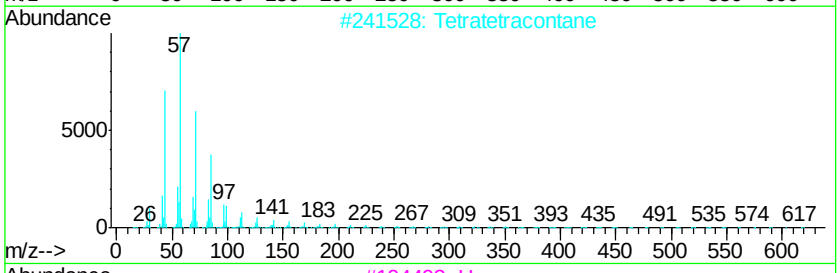
Peak Number 5 Sulfurous acid, 2-propyl un... Concentration Rank 6

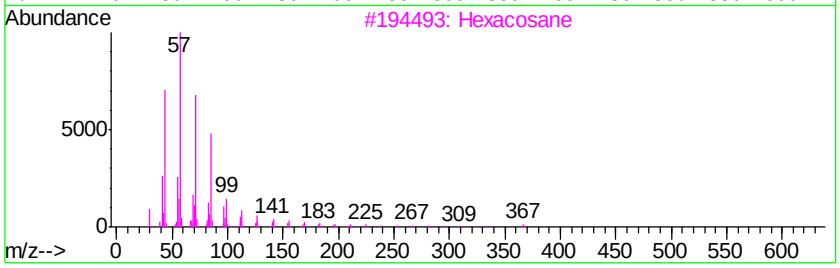
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	6.52 ng	362596	Phenanthrene-d10	11.24

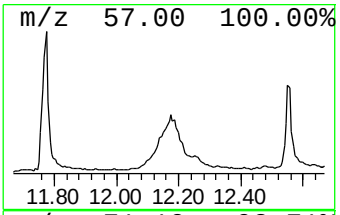
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	90
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Hexacosane	366	C26H54	000630-01-3	86
4	Octacosane	394	C28H58	000630-02-4	86
5	Heneicosane	296	C21H44	000629-94-7	86

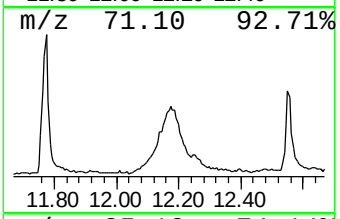


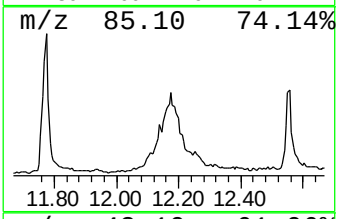


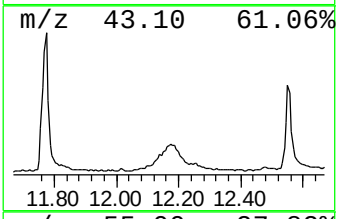


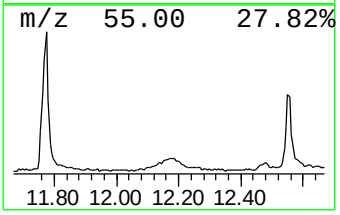












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119252.D
Acq On : 6 Mar 2020 16:15
Operator : CG/JU
Sample : L1792-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

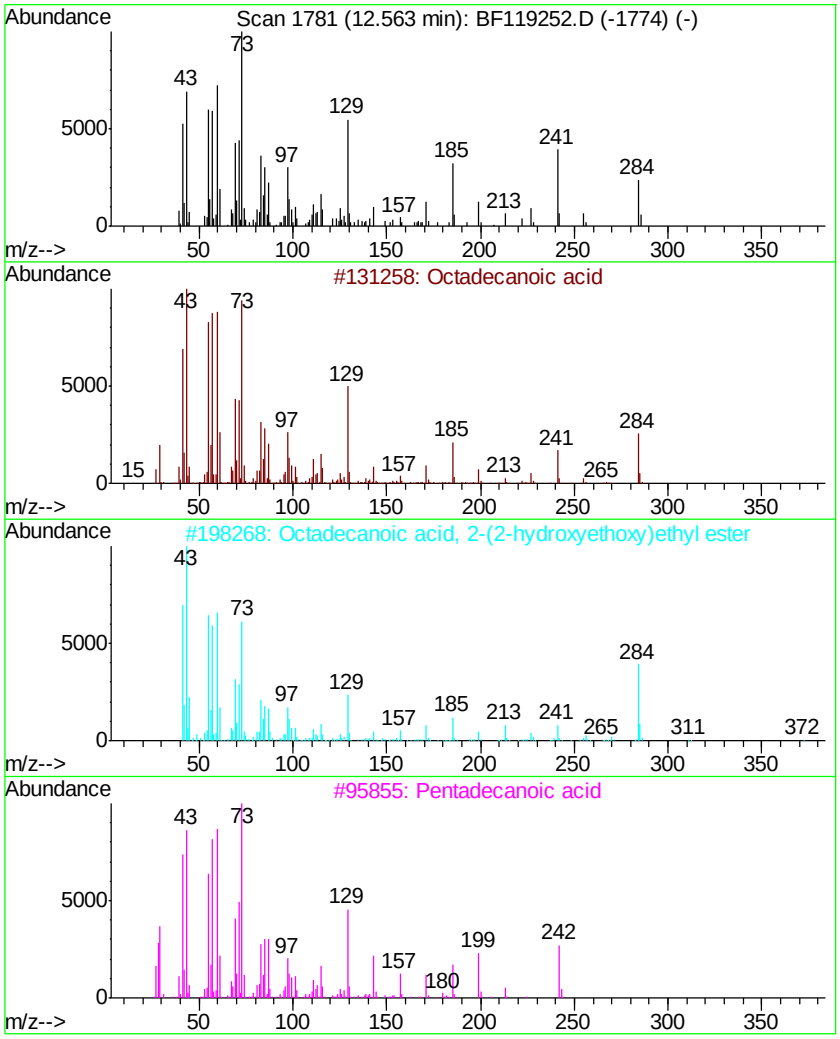
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

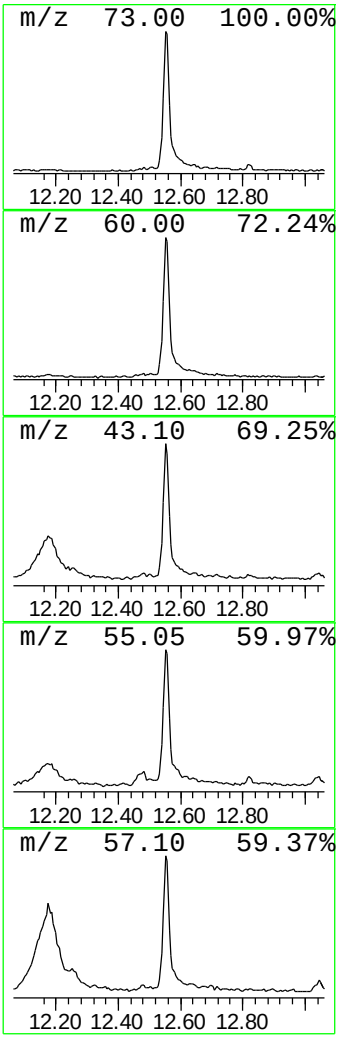
****

Peak Number 6 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	11.16 ng	620404	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Tridecanoic acid	214	C13H26O2	000638-53-9	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
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Sample : L1792-01
Misc :
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Instrument : BNA_F
ClientSampleId : TP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

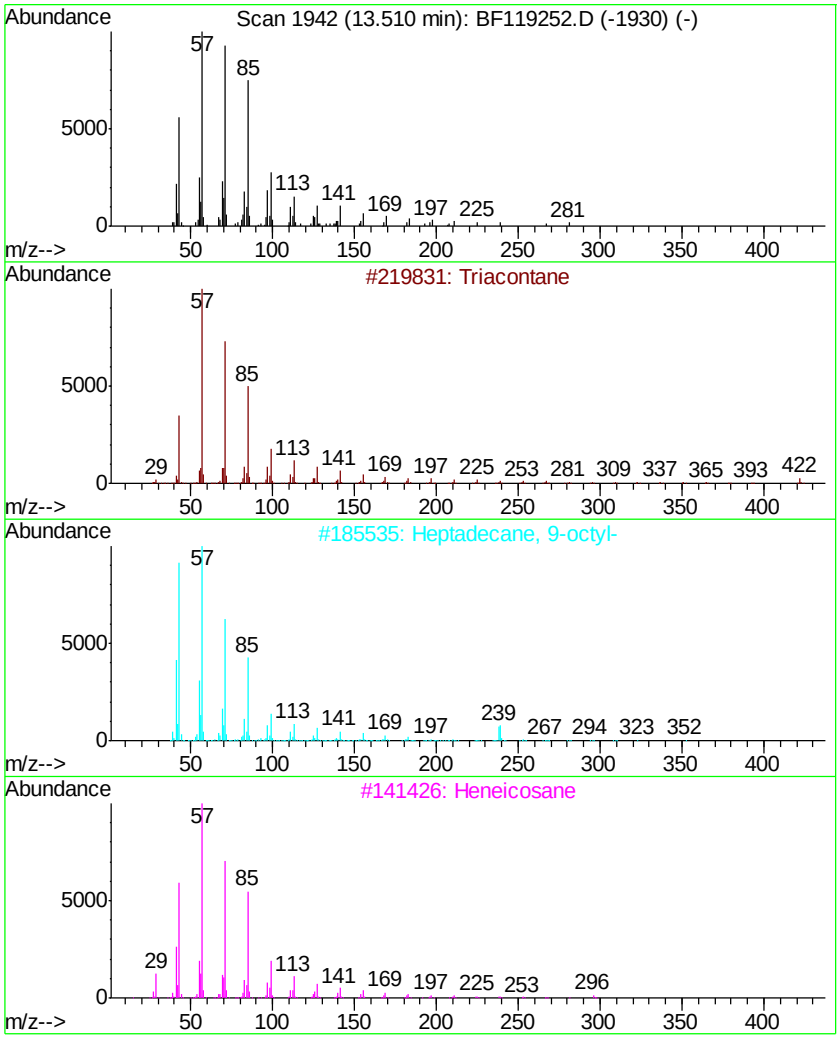
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

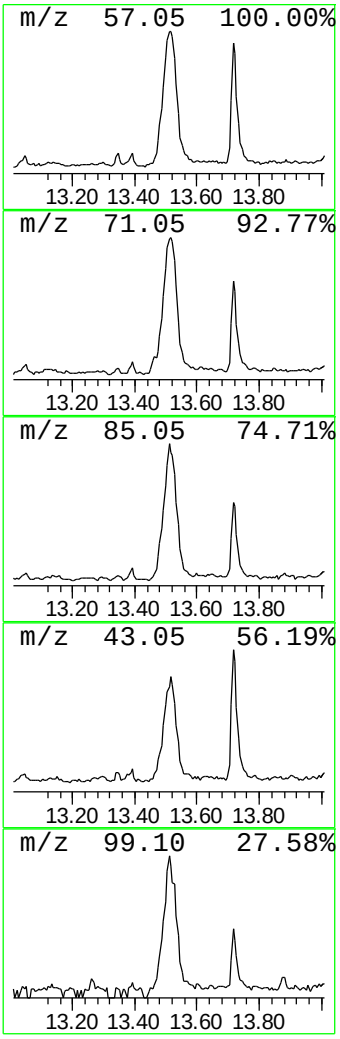
****

Peak Number 7 Triacontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	9.28 ng	513530	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Hexacosane	366	C26H54	000630-01-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119252.D
Acq On : 6 Mar 2020 16:15
Operator : CG/JU
Sample : L1792-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

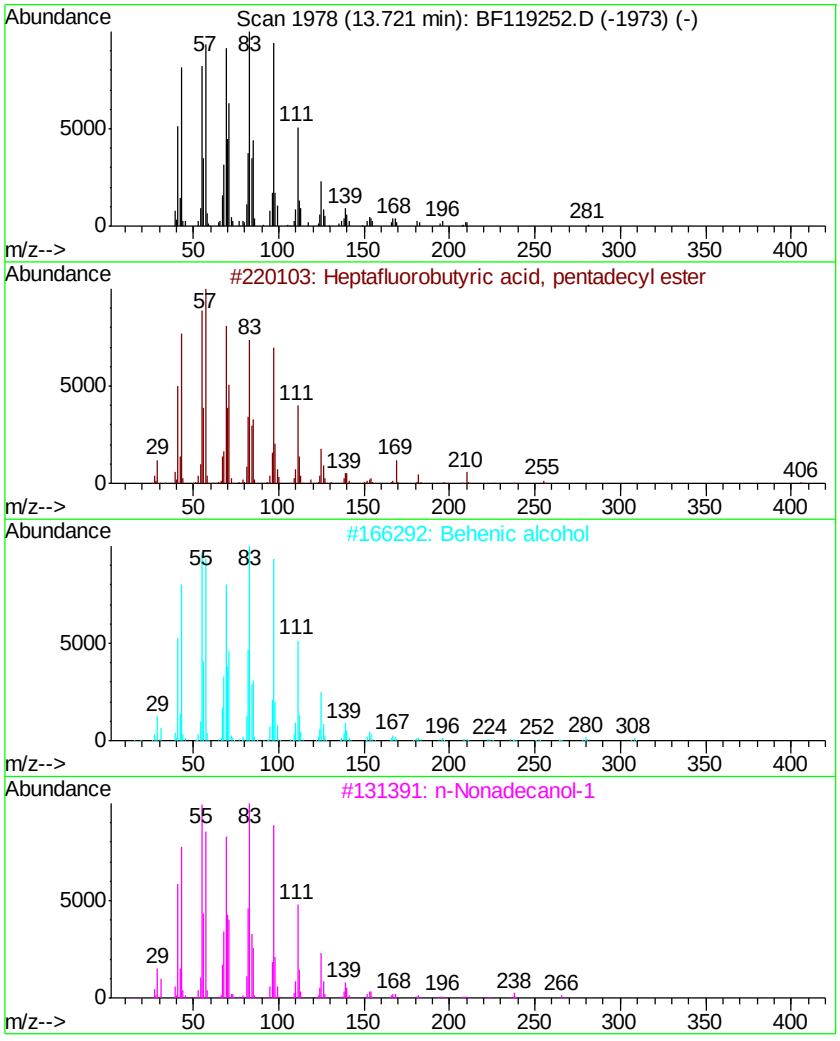
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

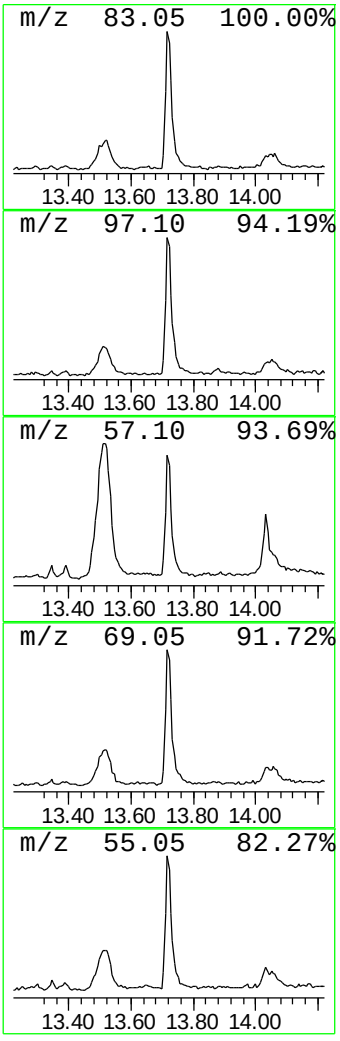
****

Peak Number 8 Heptafluorobutyric acid, pe... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	7.29 ng	403459	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119252.D
Acq On : 6 Mar 2020 16:15
Operator : CG/JU
Sample : L1792-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

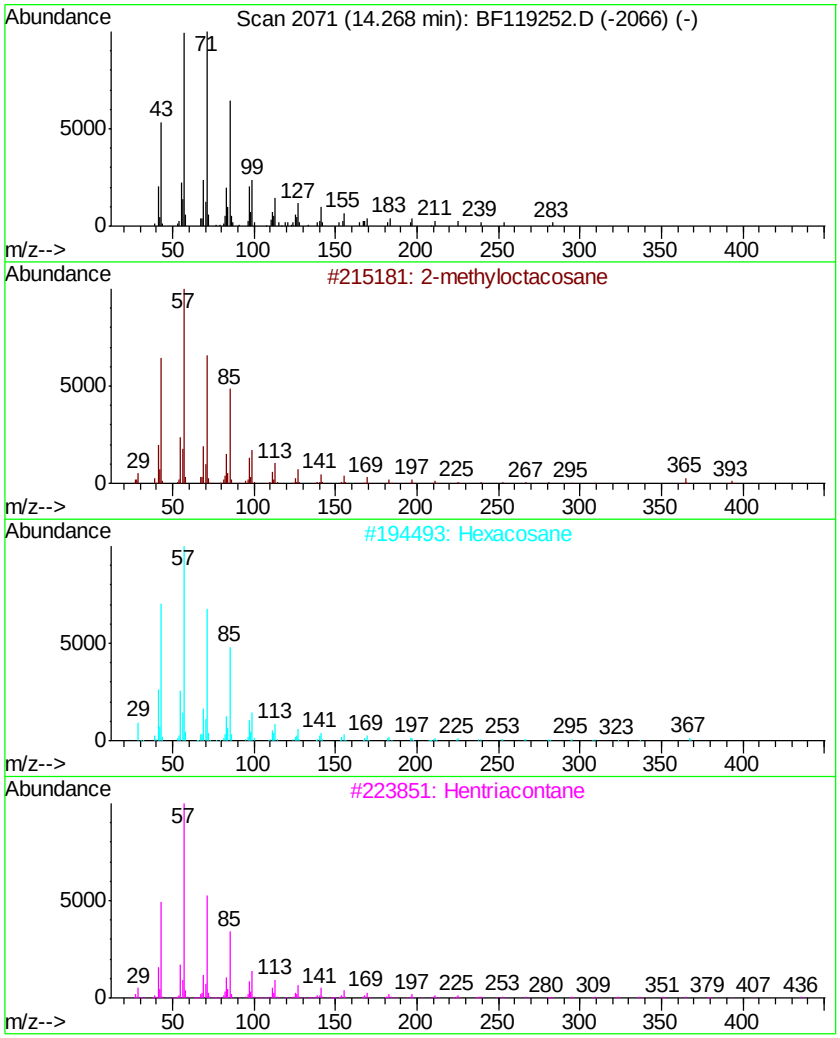
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

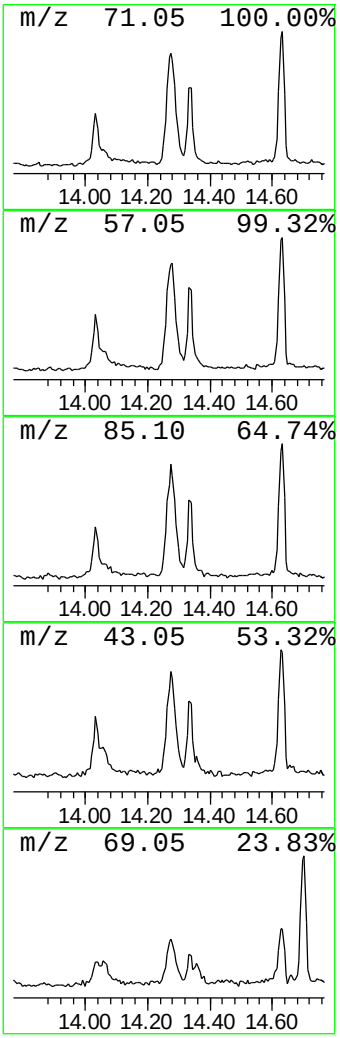
****

Peak Number 9 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	4.89 ng	270430	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Hentriacontane	437	C31H64	000630-04-6	90
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
5	Triacontane	422	C30H62	000638-68-6	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119252.D
Acq On : 6 Mar 2020 16:15
Operator : CG/JU
Sample : L1792-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

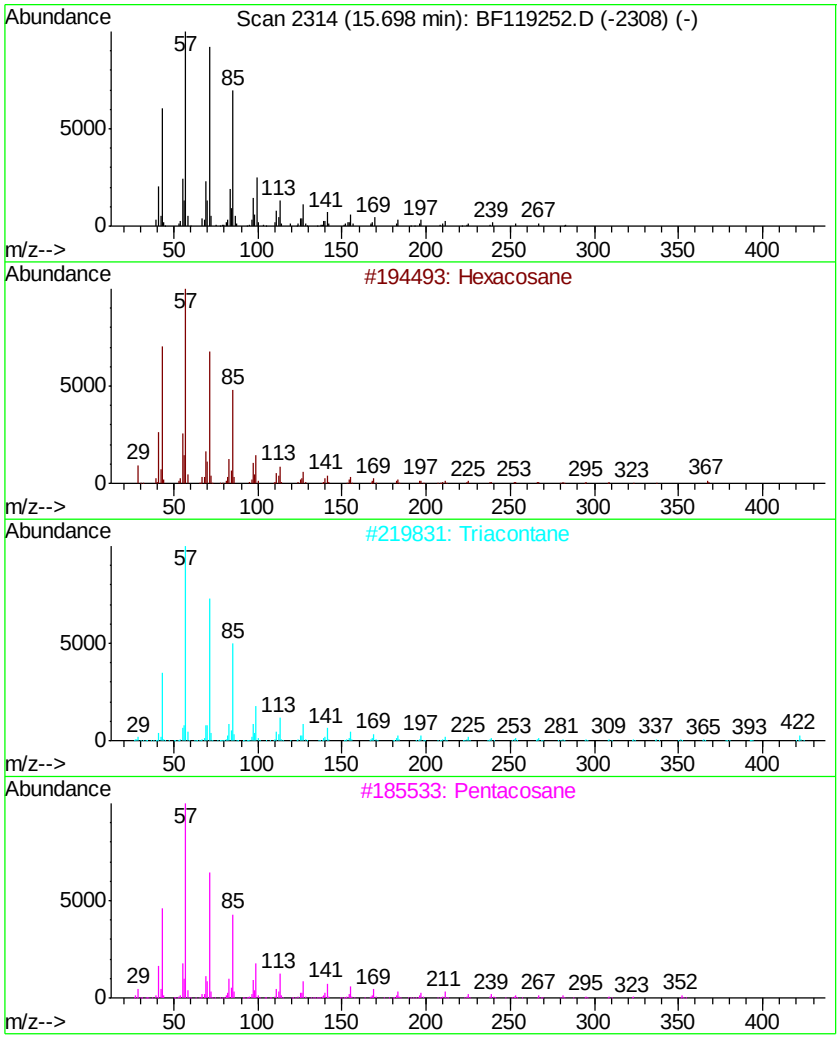
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

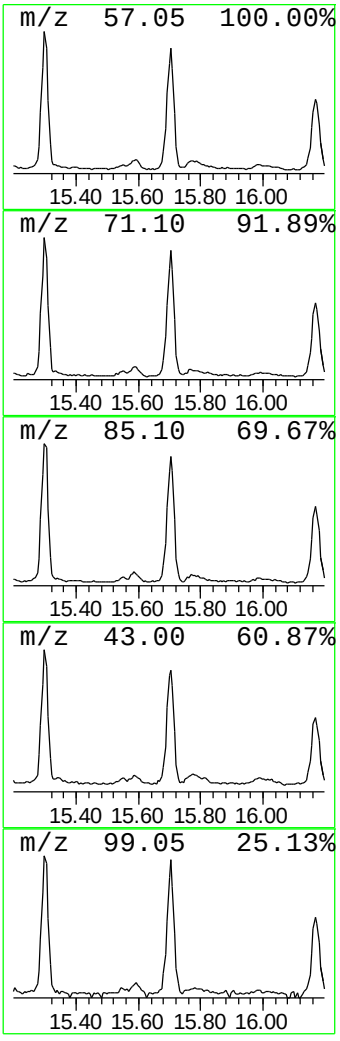
****

Peak Number 13 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	5.91 ng	441039	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119252.D
Acq On : 6 Mar 2020 16:15
Operator : CG/JU
Sample : L1792-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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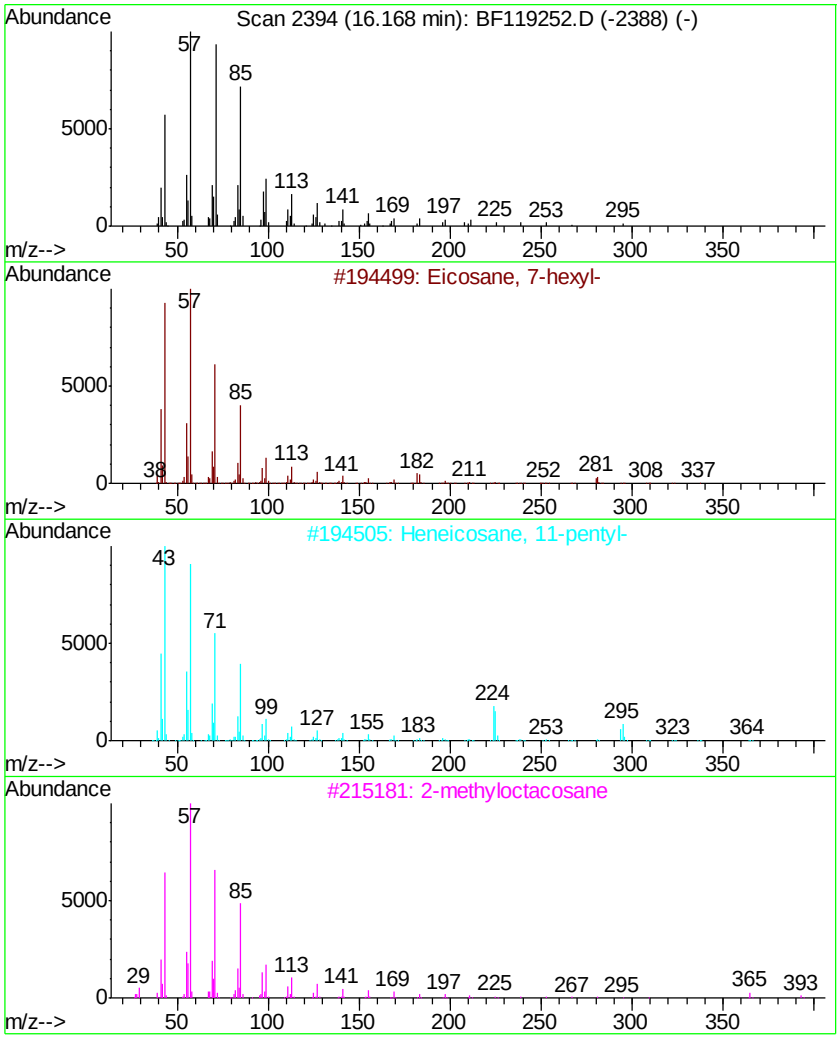
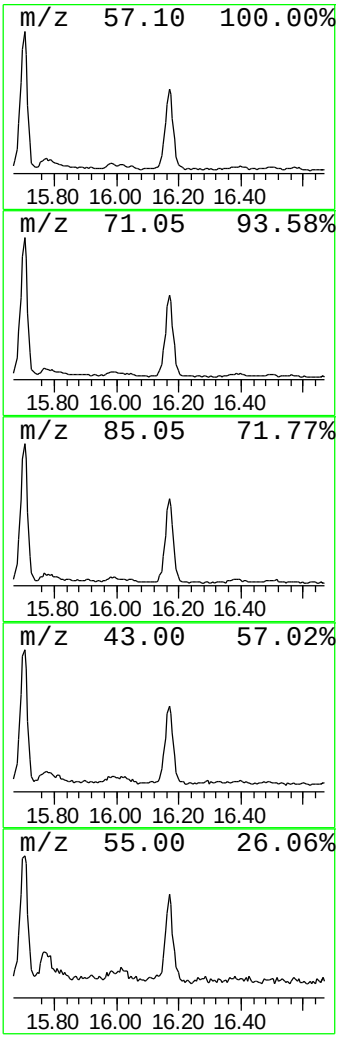
Peak Number 14 Eicosane, 7-hexyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	4.24 ng	316734	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
2	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Hentriacontane	437	C31H64	000630-04-6	87
5	Eicosane	282	C20H42	000112-95-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030620\
Data File : BF119252.D
Acq On : 6 Mar 2020 16:15
Operator : CG/JU
Sample : L1792-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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
2-Pentanone, 4-hy...	4.92	6.2	ng	189962	1	6.72	612297	20.0
unknown5.52	5.52	2.1	ng	65114	1	6.72	612297	20.0
n-Hexadecanoic acid	11.77	18.3	ng	1018810	4	11.24	1111930	20.0
Sulfurous acid, 2...	12.17	6.5	ng	362596	4	11.24	1111930	20.0
Octadecanoic acid	12.56	11.2	ng	620404	4	11.24	1111930	20.0
Triacontane	13.51	9.3	ng	513530	5	13.88	1106450	20.0
Heptafluorobutyri...	13.72	7.3	ng	403459	5	13.88	1106450	20.0
2-methyloctacosane	14.27	4.9	ng	270430	5	13.88	1106450	20.0
Hexacosane	15.70	5.9	ng	441039	6	15.30	1493480	20.0
Eicosane, 7-hexyl-	16.17	4.2	ng	316734	6	15.30	1493480	20.0