LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112442.D
Acq On : 7 Feb 2019 17:06
Operator : JU/SJ
Sample : K1401-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3425

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-BF012519.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	2.122	3	6	27	rVB2	124848	238070	6.61%	0.778%
2	5.057	501	505	515	rVB	100374	139108	3.86%	0.455%
3	5.475	572	576	599	rBV	2587934	2829184	78.52%	9.248%
4	6.487	743	748	765	rBV	2778299	3200576	88.83%	10.462%
5	6.610	765	769	776	rBV	3632157	3159970	87.70%	10.329%
6	6.834	803	807	815	rBV	908324	797861	22.14%	2.608%
7	6.986	829	833	837	rBV	2634690	2456800	68.19%	8.030%
8	7.398	898	903	914	rBV	1774759	1892716	52.53%	6.187%
9	8.116	1021	1025	1044	rVB	1008429	1046707	29.05%	3.421%
10	9.186	1202	1207	1218	rBV	3909849	3603093	100.00%	11.777%
11	9.580	1271	1274	1279	rBV	279717	258115	7.16%	0.844%
12	9.869	1319	1323	1338	rVB	1319017	1180929	32.78%	3.860%
13	10.663	1454	1458	1467	rBV	2214692	2105200	58.43%	6.881%
14	10.780	1473	1478	1481	rVB2	32075	38585	1.07%	0.126%
15	11.239	1554	1556	1562	rVB3	42517	56021	1.55%	0.183%
16	11.357	1572	1576	1586	rBV	1158609	1078653	29.94%	3.526%
17	11.451	1590	1592	1599	rVB3	35124	41510	1.15%	0.136%
18	11.698	1630	1634	1638	rVB4	50874	58644	1.63%	0.192%
19	11.874	1661	1664	1672	rBV3	207577	261576	7.26%	0.855%
20	11.969	1677	1680	1683	rVV2	93413	86456	2.40%	0.283%
21	12.004	1683	1686	1688	rVV	56499	58709	1.63%	0.192%
22	12.027	1688	1690	1697	rVB3	48697	53337	1.48%	0.174%
23	12.133	1705	1708	1710	rBV2	64991	54006	1.50%	0.177%
24	12.239	1724	1726	1731	rVB2	55099	48888	1.36%	0.160%
25	12.433	1757	1759	1763	rVB3	48401	52252	1.45%	0.171%
26	12.574	1780	1783	1788	rBV	59613	72376	2.01%	0.237%
27	12.663	1795	1798	1802	rBV3	51889	66253	1.84%	0.217%
28	12.804	1819	1822	1829	rVB	78655	81925	2.27%	0.268%
29	12.939	1840	1845	1848	rBV	3070307	2668598	74.06%	8.723%
30	13.827	1992	1996	2004	rBV	198905	250489	6.95%	0.819%
31	13.998	2021	2025	2034	rBV	910582	983358	27.29%	3.214%
32	14.145	2047	2050	2053	rBV2	76676	75232	2.09%	0.246%
33	14.451	2099	2102	2108	rBV2	97204	104291	2.89%	0.341%
34	14.751	2151	2153	2158	rVB	108786	98680	2.74%	0.323%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112442.D
Acq On : 7 Feb 2019 17:06
Operator : JU/SJ
Sample : K1401-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3425

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-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.827	2162	2166	2170	rVB	252598	252207	7.00%	0.824%
36	15.086	2206	2210	2214	rBV2	115143	127665	3.54%	0.417%
37	15.474	2270	2276	2282	rBV	624119	913017	25.34%	2.984%
38	15.886	2343	2346	2353	rVB	74239	102320	2.84%	0.334%

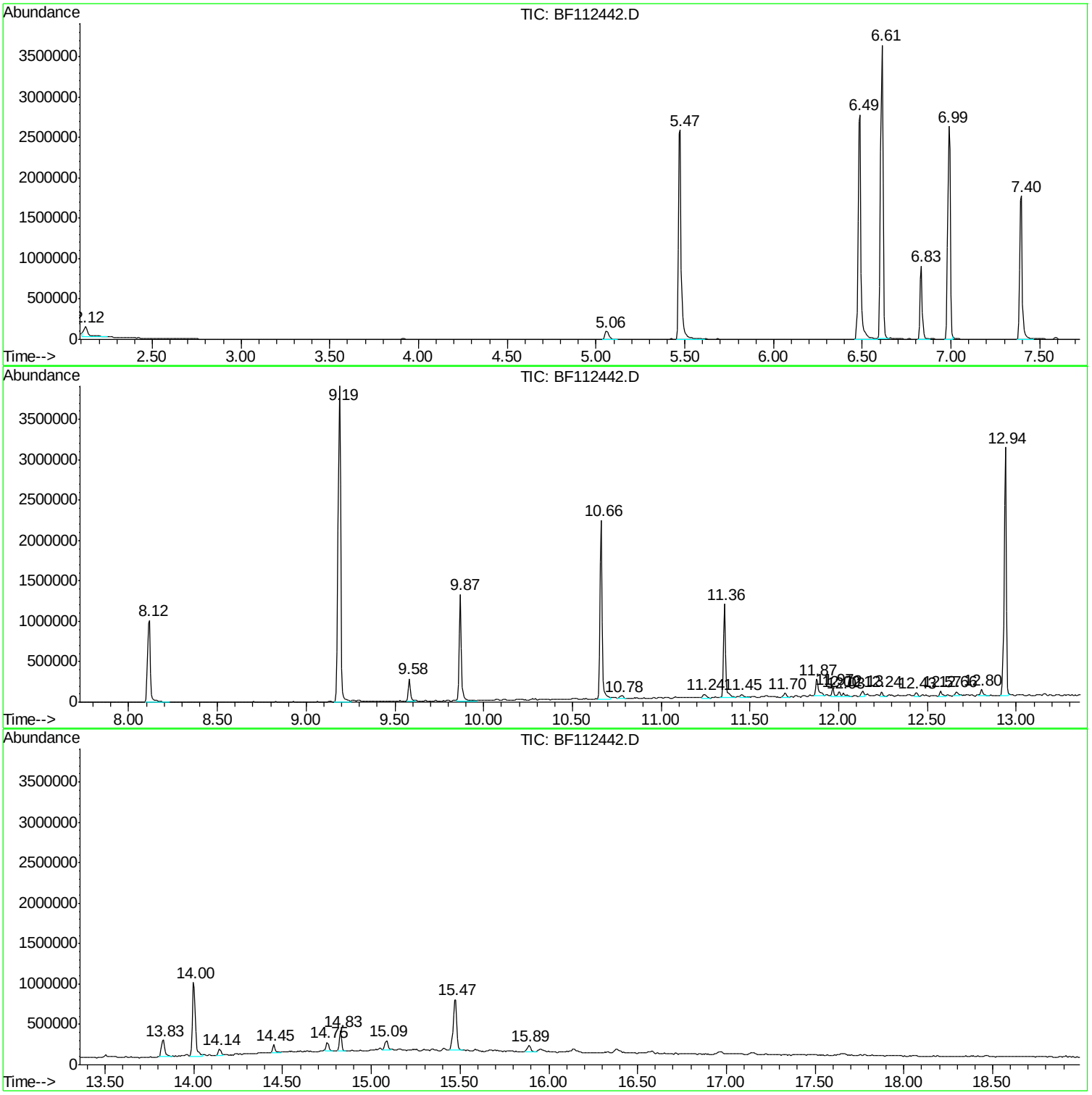
Sum of corrected areas: 30593377

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112442.D
Acq On : 7 Feb 2019 17:06
Operator : JU/SJ
Sample : K1401-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-3425

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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\BF020719\
Data File : BF112442.D
Acq On : 7 Feb 2019 17:06
Operator : JU/SJ
Sample : K1401-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3425

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

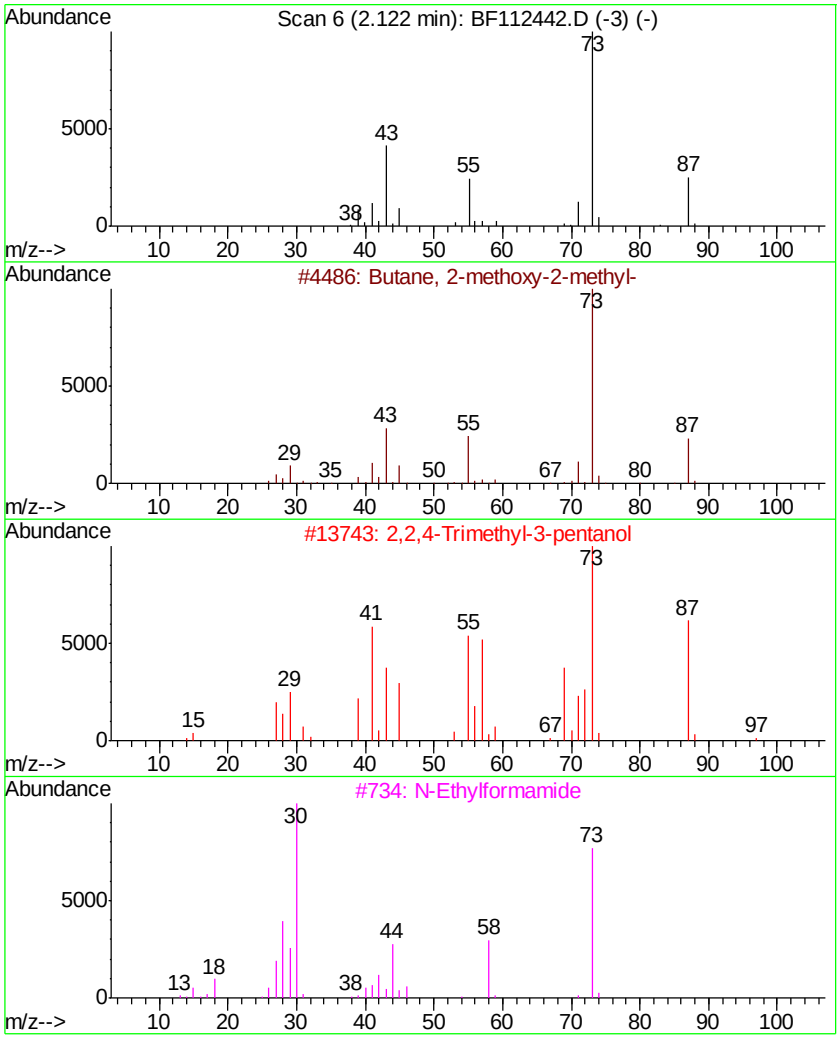
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

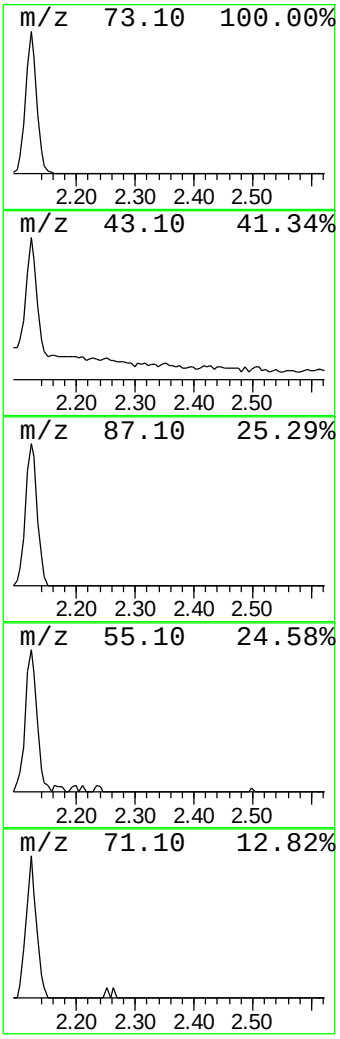
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	5.97 ng	238070	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112442.D
Acq On : 7 Feb 2019 17:06
Operator : JU/SJ
Sample : K1401-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3425

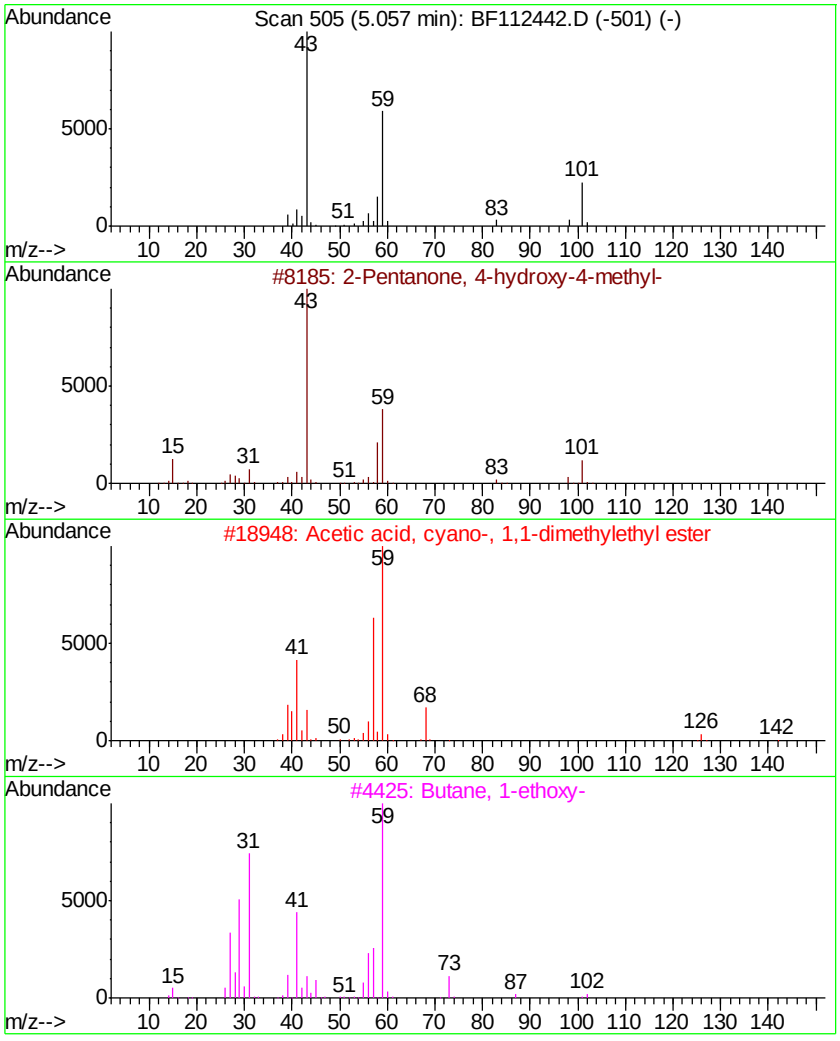
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

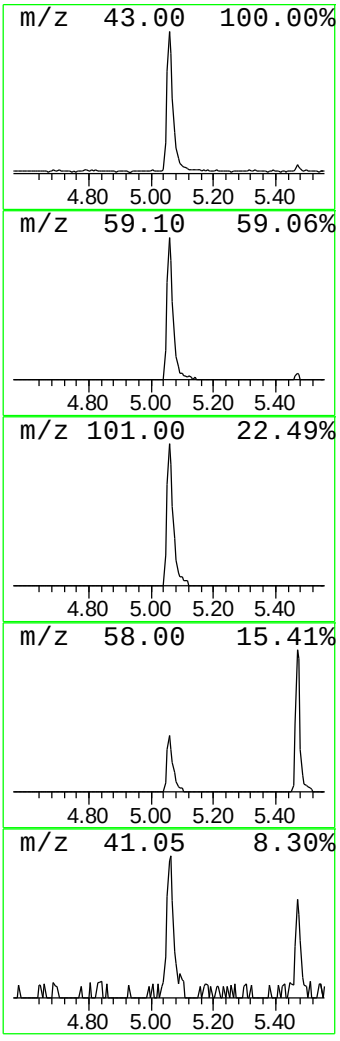
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	3.49 ng	139108	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112442.D
Acq On : 7 Feb 2019 17:06
Operator : JU/SJ
Sample : K1401-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3425

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

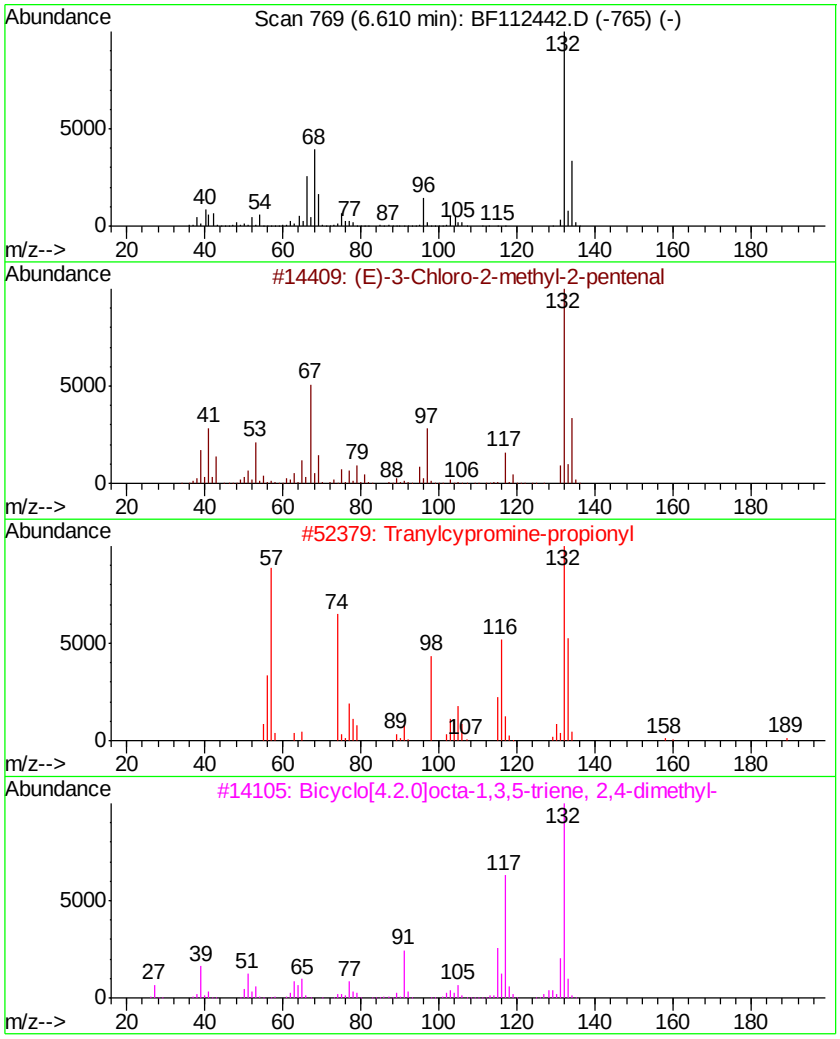
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

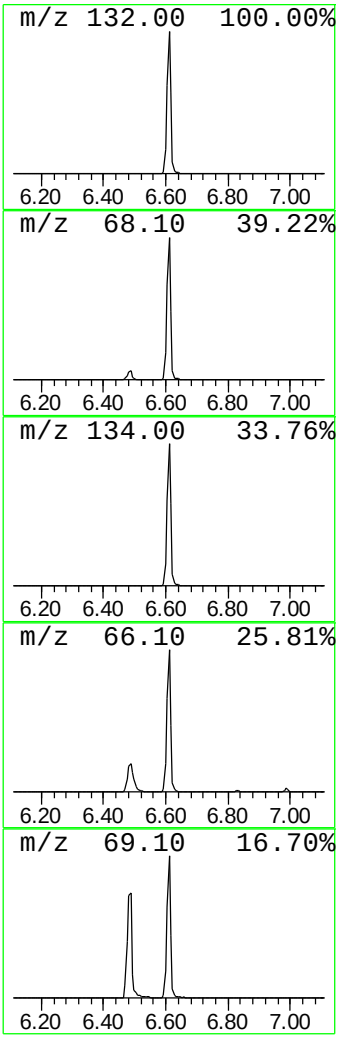
****

Peak Number 3 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	79.21 ng	3159970	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	5-Aminoindole	132	C8H8N2	005192-03-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112442.D
Acq On : 7 Feb 2019 17:06
Operator : JU/SJ
Sample : K1401-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3425

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

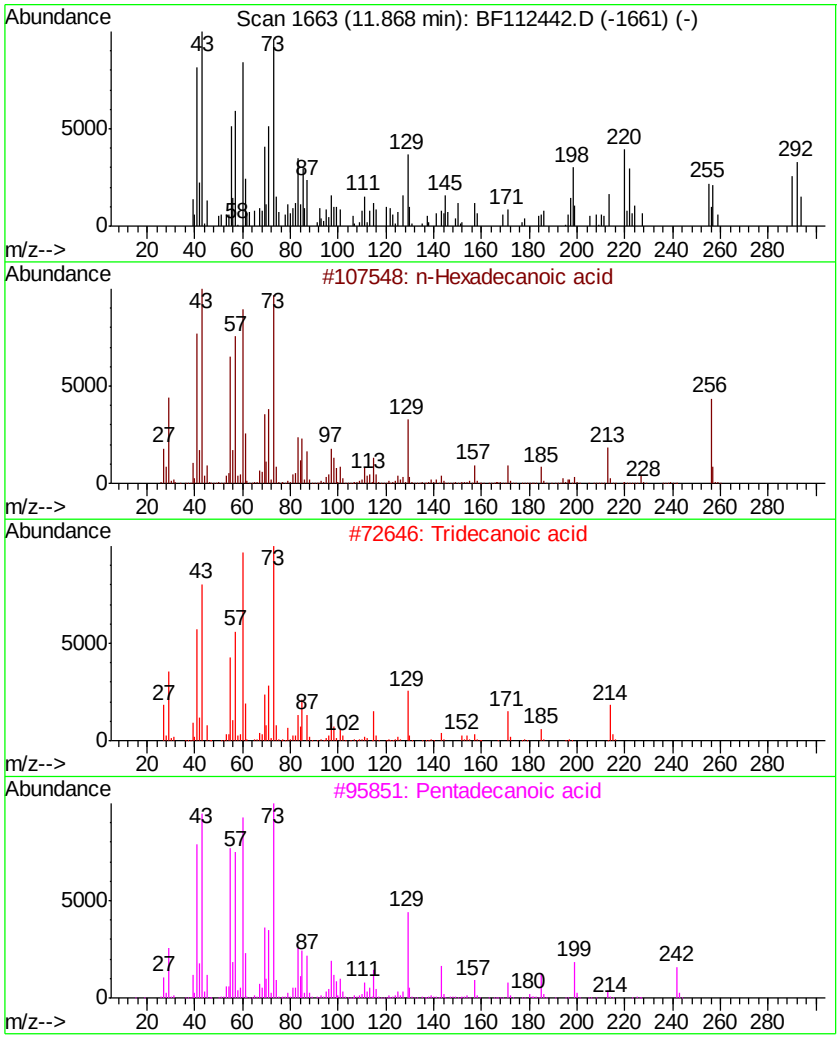
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

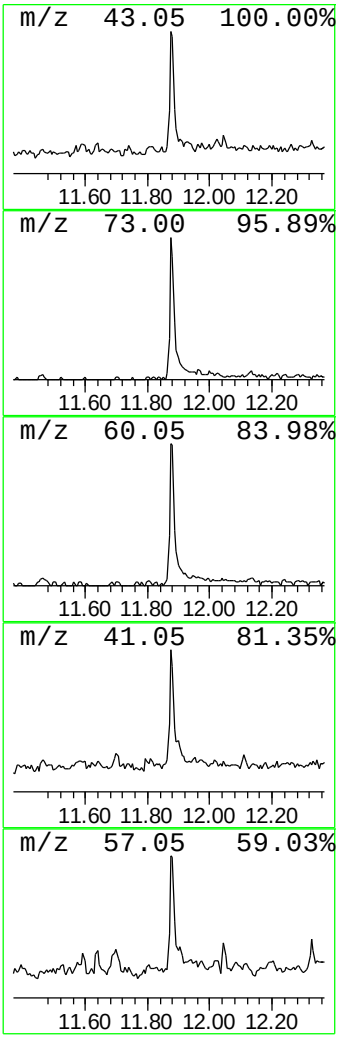
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	4.85 ng	261576	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Octadecanoic acid	284	C18H36O2	000057-11-4	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112442.D
Acq On : 7 Feb 2019 17:06
Operator : JU/SJ
Sample : K1401-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3425

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

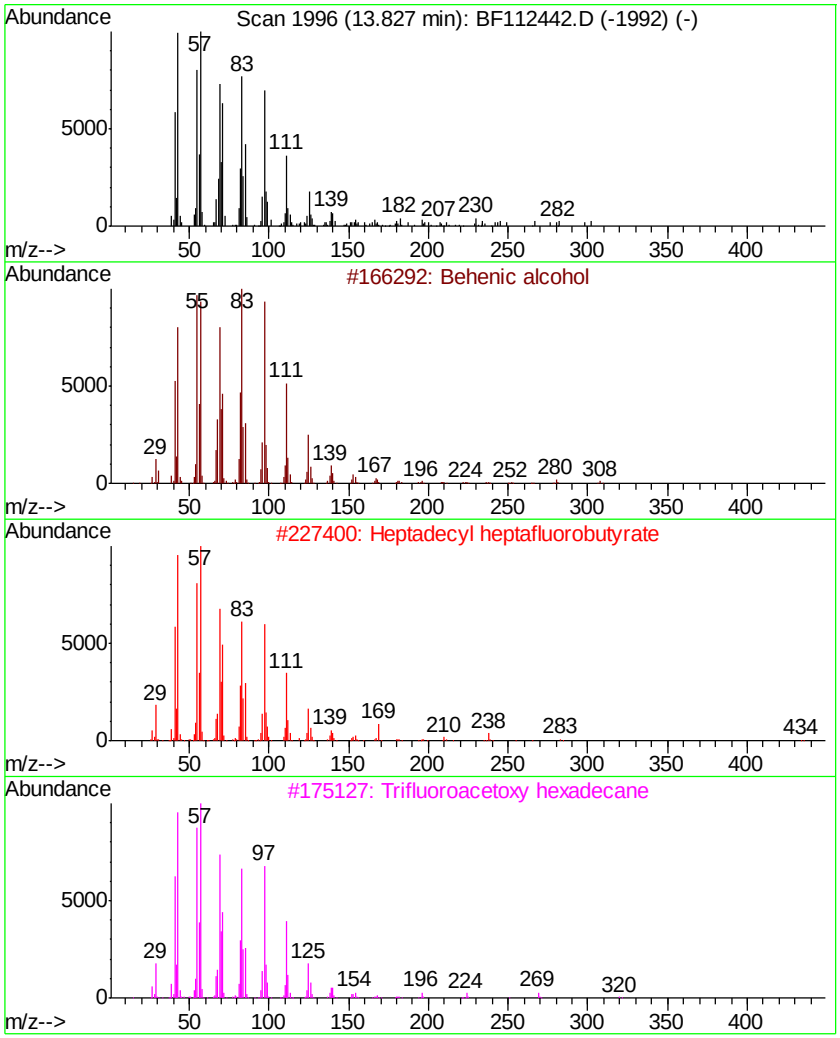
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

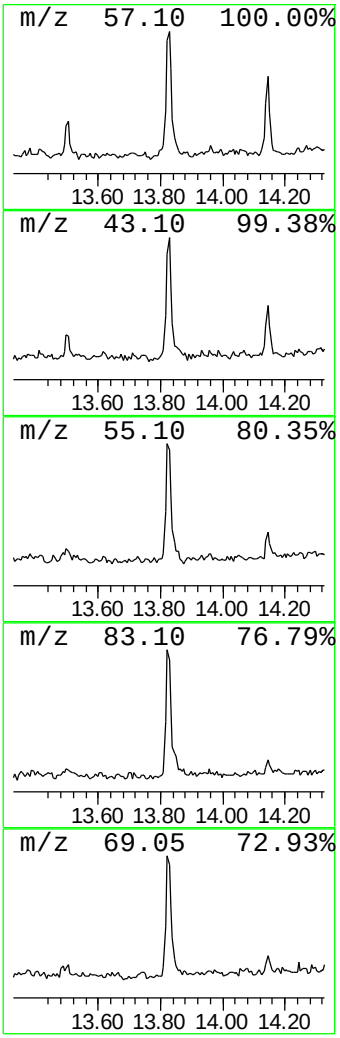
****

Peak Number 6 Behenic alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	5.09 ng	250489	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	93
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112442.D
Acq On : 7 Feb 2019 17:06
Operator : JU/SJ
Sample : K1401-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3425

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

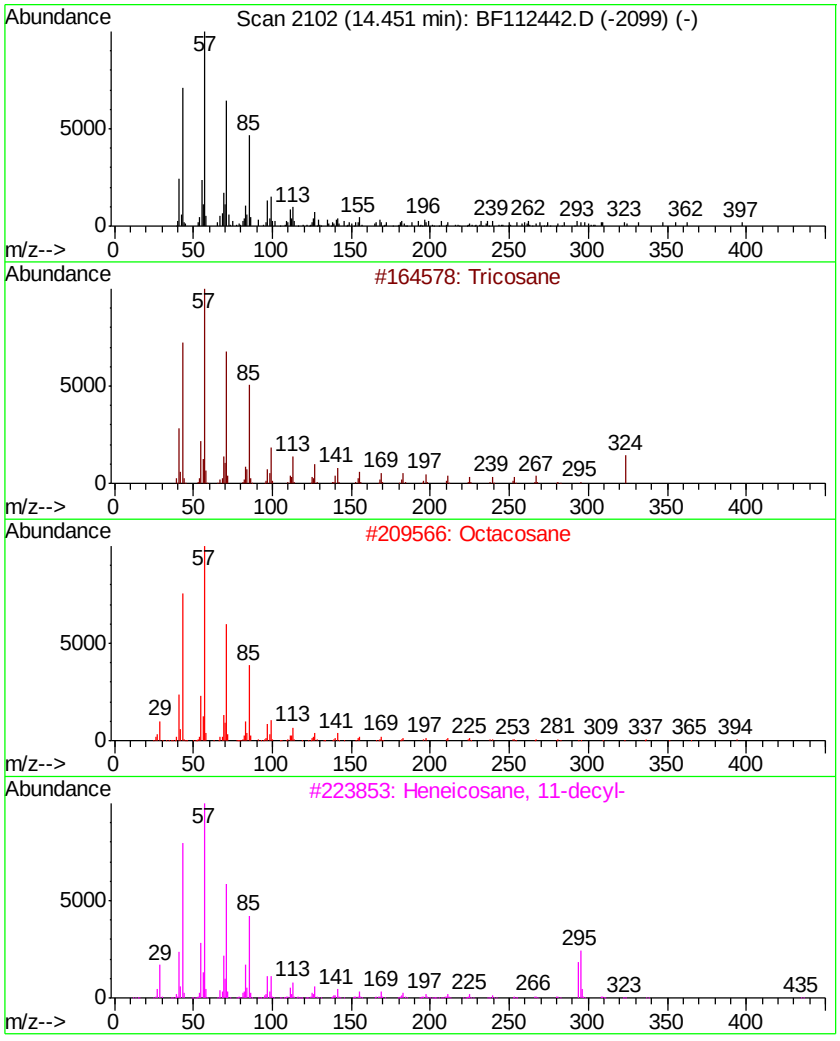
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

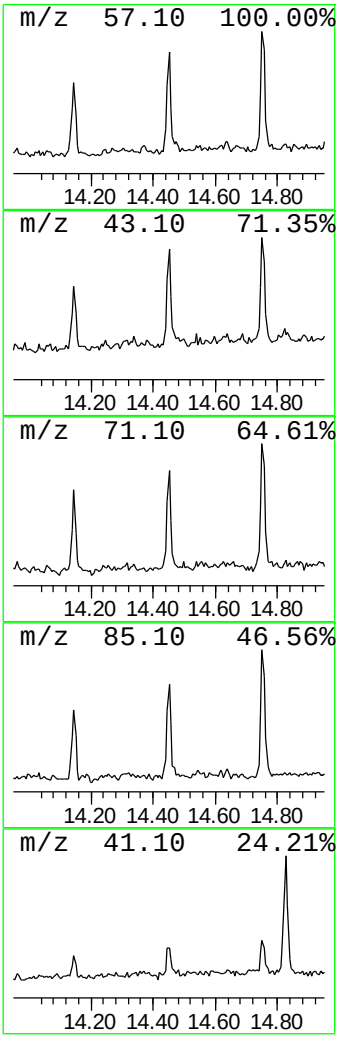
****

Peak Number 7 Tricosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	2.12 ng	104291	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Heneicosane	296	C21H44	000629-94-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112442.D
Acq On : 7 Feb 2019 17:06
Operator : JU/SJ
Sample : K1401-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3425

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

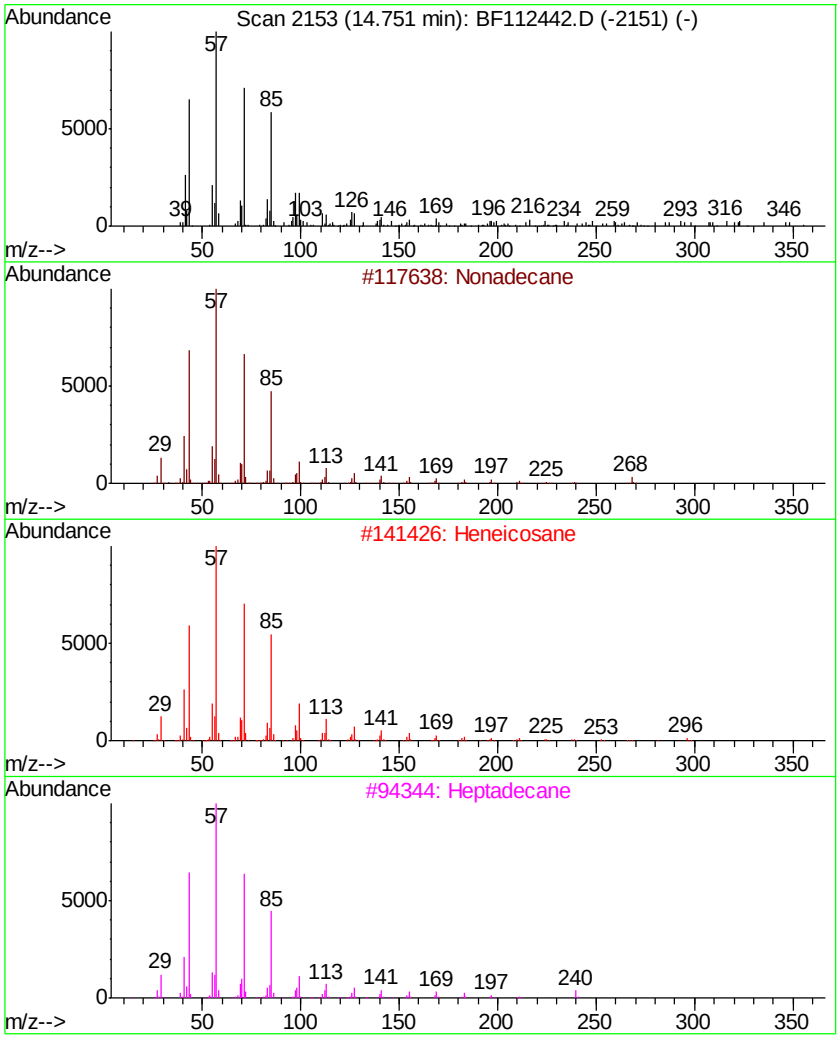
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

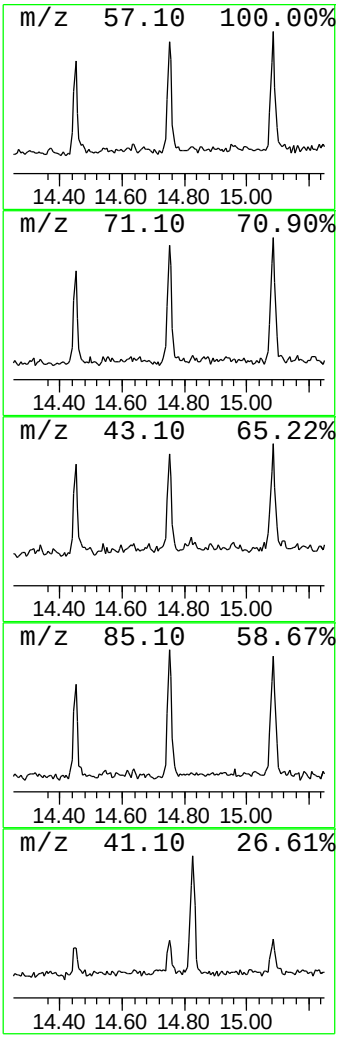
****

Peak Number 8 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	2.16 ng	98680	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Heneicosane	296	C21H44	000629-94-7	83
3	Heptadecane	240	C17H36	000629-78-7	80
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	80
5	Tetratetracontane	619	C44H90	007098-22-8	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112442.D
Acq On : 7 Feb 2019 17:06
Operator : JU/SJ
Sample : K1401-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3425

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

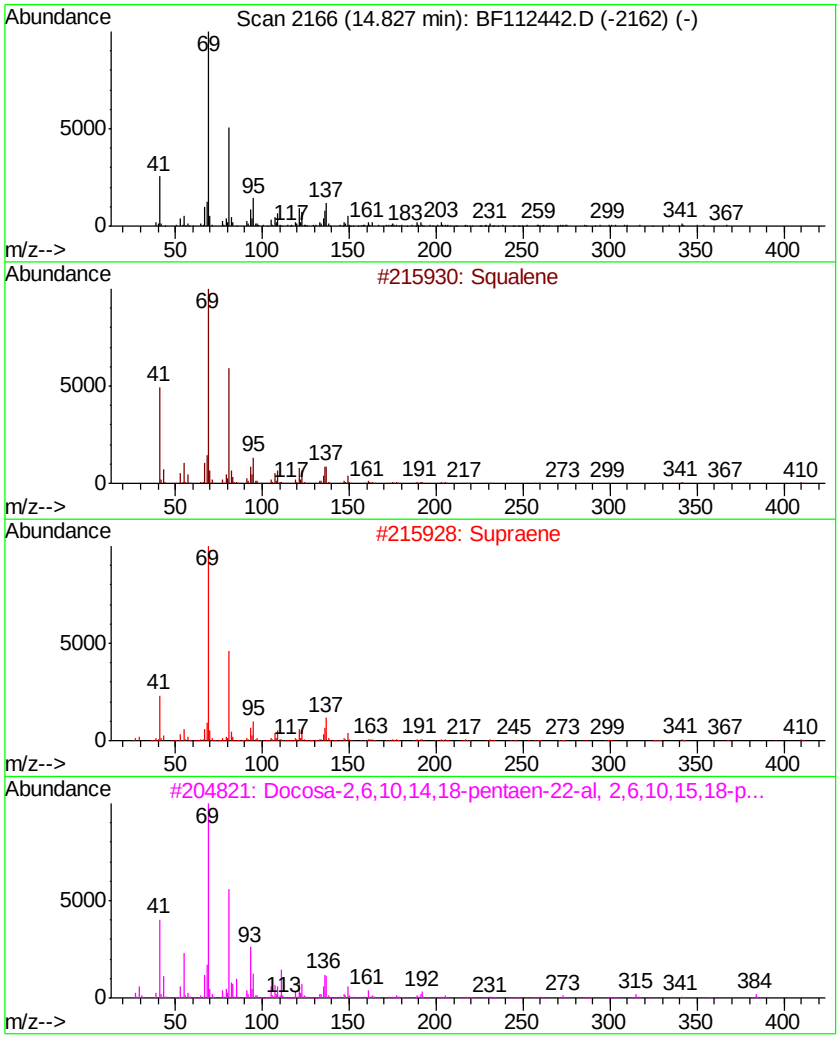
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

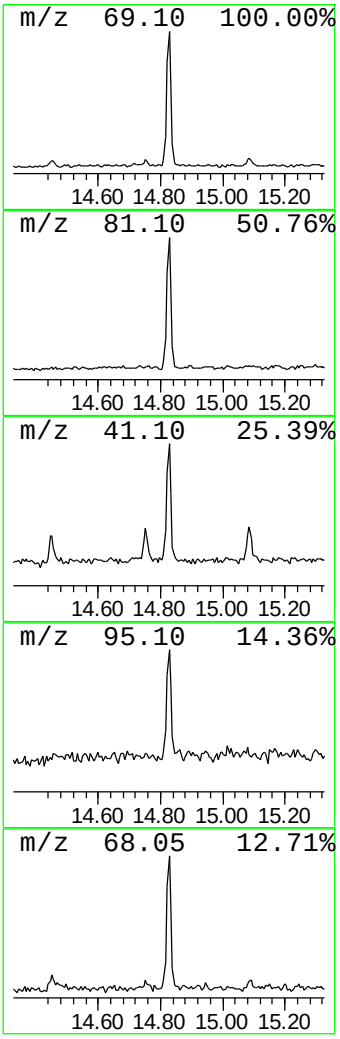
****

Peak Number 9 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	5.52 ng	252207	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	83
4	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	78
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112442.D
Acq On : 7 Feb 2019 17:06
Operator : JU/SJ
Sample : K1401-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3425

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

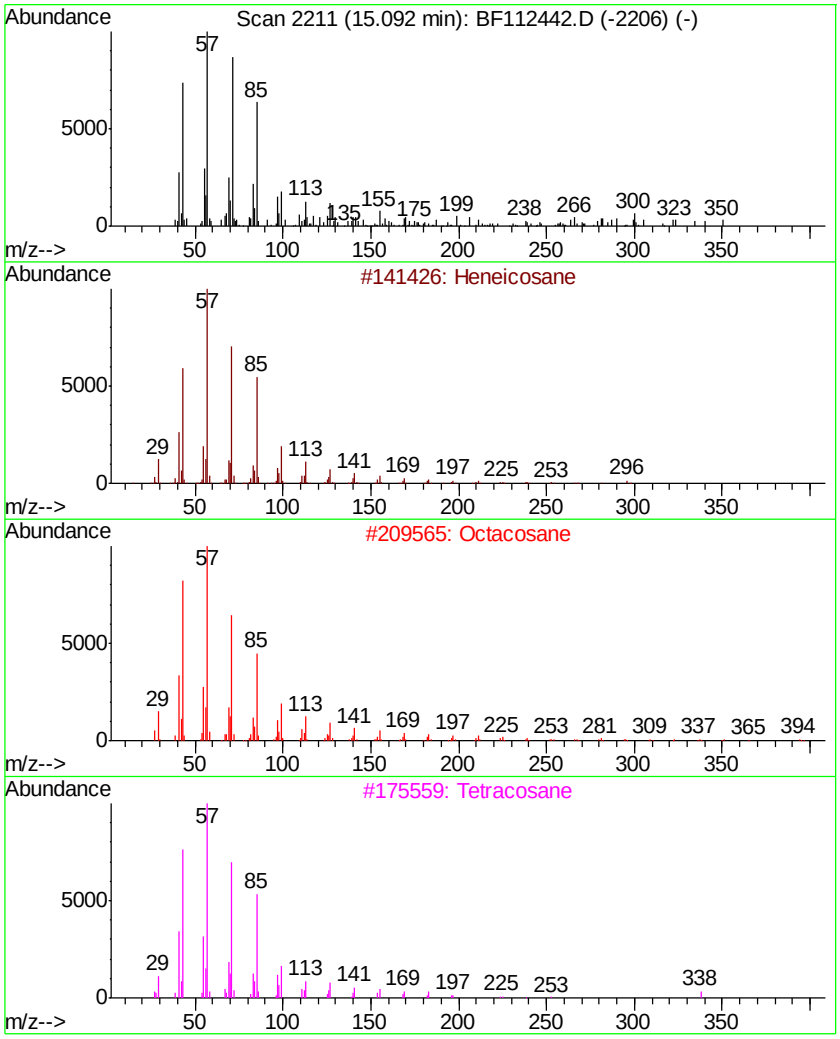
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

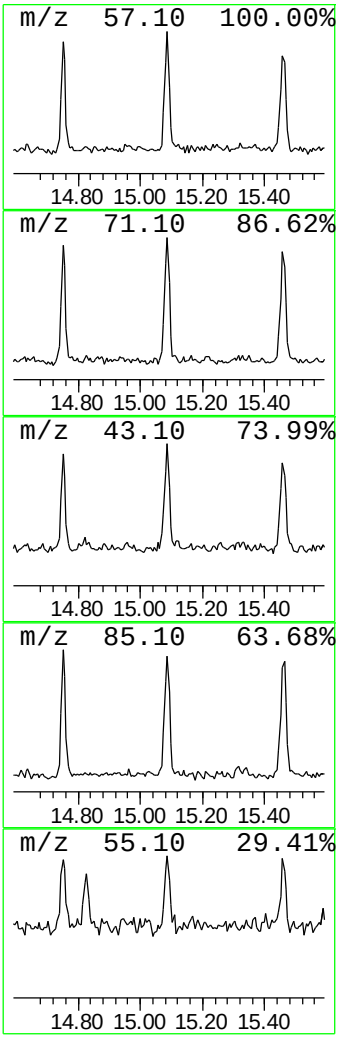
****

Peak Number 10 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	2.80 ng	127665	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Octacosane	394	C28H58	000630-02-4	87
3	Tetracosane	338	C24H50	000646-31-1	86
4	2-methyloctacosane	408	C29H60	1000376-72-8	86
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112442.D
Acq On : 7 Feb 2019 17:06
Operator : JU/SJ
Sample : K1401-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3425

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

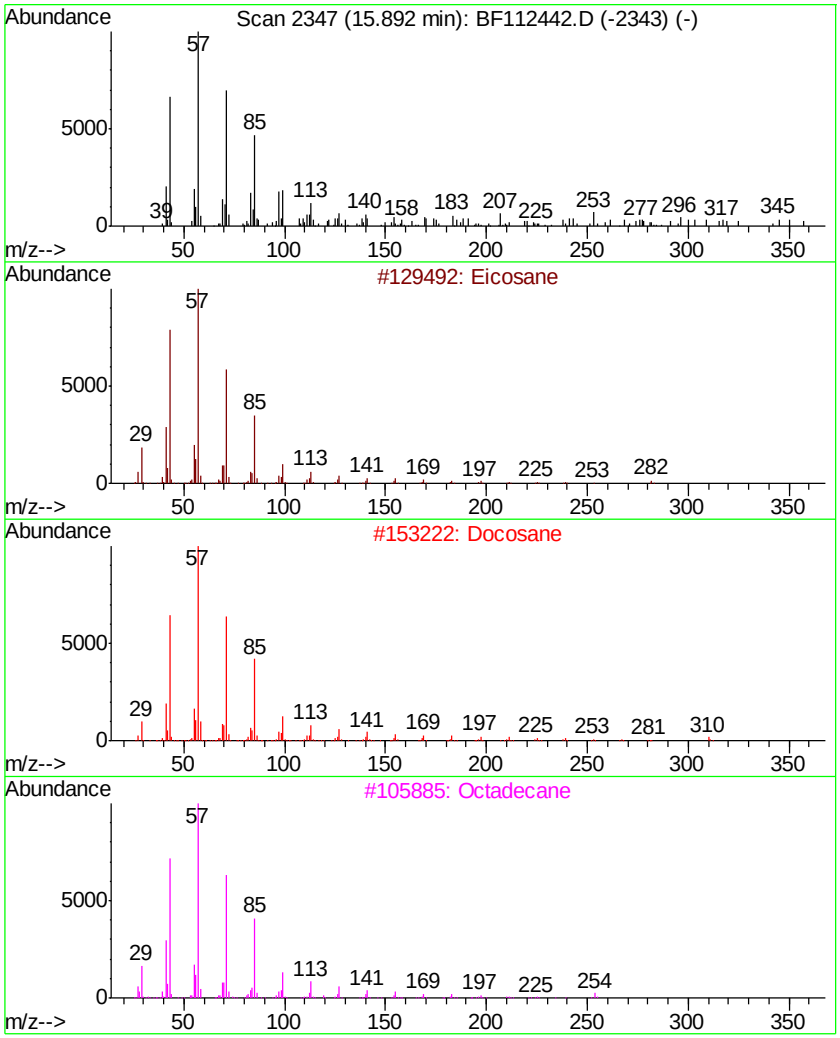
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

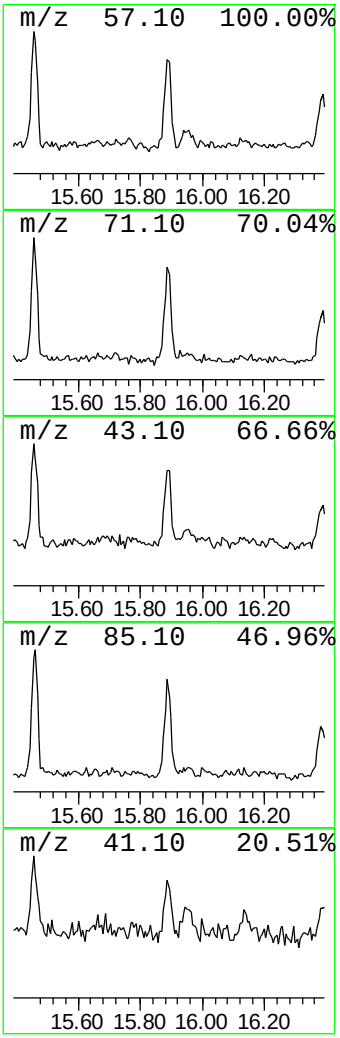
****

Peak Number 11 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	2.24 ng	102320	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Docosane	310	C22H46	000629-97-0	93
3	Octadecane	254	C18H38	000593-45-3	91
4	Heneicosane	296	C21H44	000629-94-7	89
5	Tetradecane	198	C14H30	000629-59-4	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020719\
Data File : BF112442.D
Acq On : 7 Feb 2019 17:06
Operator : JU/SJ
Sample : K1401-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3425

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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
Butane, 2-methoxy...	2.12	6.0	ng	238070	1	6.83	797861	20.0
2-Pentanone, 4-hy...	5.06	3.5	ng	139108	1	6.83	797861	20.0
unknown6.61	6.61	79.2	ng	3159970	1	6.83	797861	20.0
n-Hexadecanoic acid	11.87	4.8	ng	261576	4	11.36	1078650	20.0
Behenic alcohol	13.83	5.1	ng	250489	5	14.00	983358	20.0
Tricosane	14.45	2.1	ng	104291	5	14.00	983358	20.0
Nonadecane	14.75	2.2	ng	98680	6	15.47	913017	20.0
Squalene	14.83	5.5	ng	252207	6	15.47	913017	20.0
Heneicosane	15.09	2.8	ng	127665	6	15.47	913017	20.0
Eicosane	15.89	2.2	ng	102320	6	15.47	913017	20.0