LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120324.D
Acq On : 15 May 2020 16:27
Operator : MA/SJ
Sample : L2664-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0364-COMPOSITE-2

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-BF051420.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	5.222	530	533	564	rBV	5390233	6088697	75.37%	10.192%
2	5.551	586	589	611	rBV	145856	293559	3.63%	0.491%
3	5.869	640	643	667	rBV	128685	437685	5.42%	0.733%
4	6.269	707	711	741	rBV	5075189	6217464	76.97%	10.408%
5	6.610	766	769	780	rBV	1316027	1699811	21.04%	2.845%
6	6.769	791	796	813	rBV	4405365	4729422	58.55%	7.917%
7	7.181	861	866	894	rBV	3378741	4081268	50.52%	6.832%
8	7.898	984	988	1013	rBV	1930642	2323988	28.77%	3.890%
9	8.975	1166	1171	1188	rBV	6650628	7315953	90.57%	12.247%
10	9.375	1231	1239	1252	rBV	1101740	1139043	14.10%	1.907%
11	9.645	1280	1285	1297	rBV	2515384	2662001	32.95%	4.456%
12	10.439	1415	1420	1434	rBV	4053996	4336730	53.69%	7.260%
13	11.133	1533	1538	1547	rBV	2448059	2733873	33.84%	4.577%
14	11.675	1626	1630	1640	rBV2	182175	279129	3.46%	0.467%
15	12.463	1760	1764	1769	rBV4	66662	112864	1.40%	0.189%
16	12.722	1803	1808	1825	rVB	6962784	8077963	100.00%	13.523%
17	13.627	1958	1962	1973	rBV	258854	422301	5.23%	0.707%
18	13.769	1981	1986	2000	rBV	2512849	2601019	32.20%	4.354%
19	13.945	2012	2016	2019	rBV	132468	118228	1.46%	0.198%
20	14.251	2064	2068	2071	rBV	252670	275091	3.41%	0.461%
21	14.539	2114	2117	2121	rVB	328205	326162	4.04%	0.546%
22	14.845	2165	2169	2173	rBV	387897	388993	4.82%	0.651%
23	15.157	2217	2222	2226	rBV	1906594	2559440	31.68%	4.285%
24	15.574	2288	2293	2298	rBV	233241	325961	4.04%	0.546%
25	16.021	2364	2369	2374	rVB	119826	190529	2.36%	0.319%

Sum of corrected areas: 59737174

LSC Report - Integrated Chromatogram

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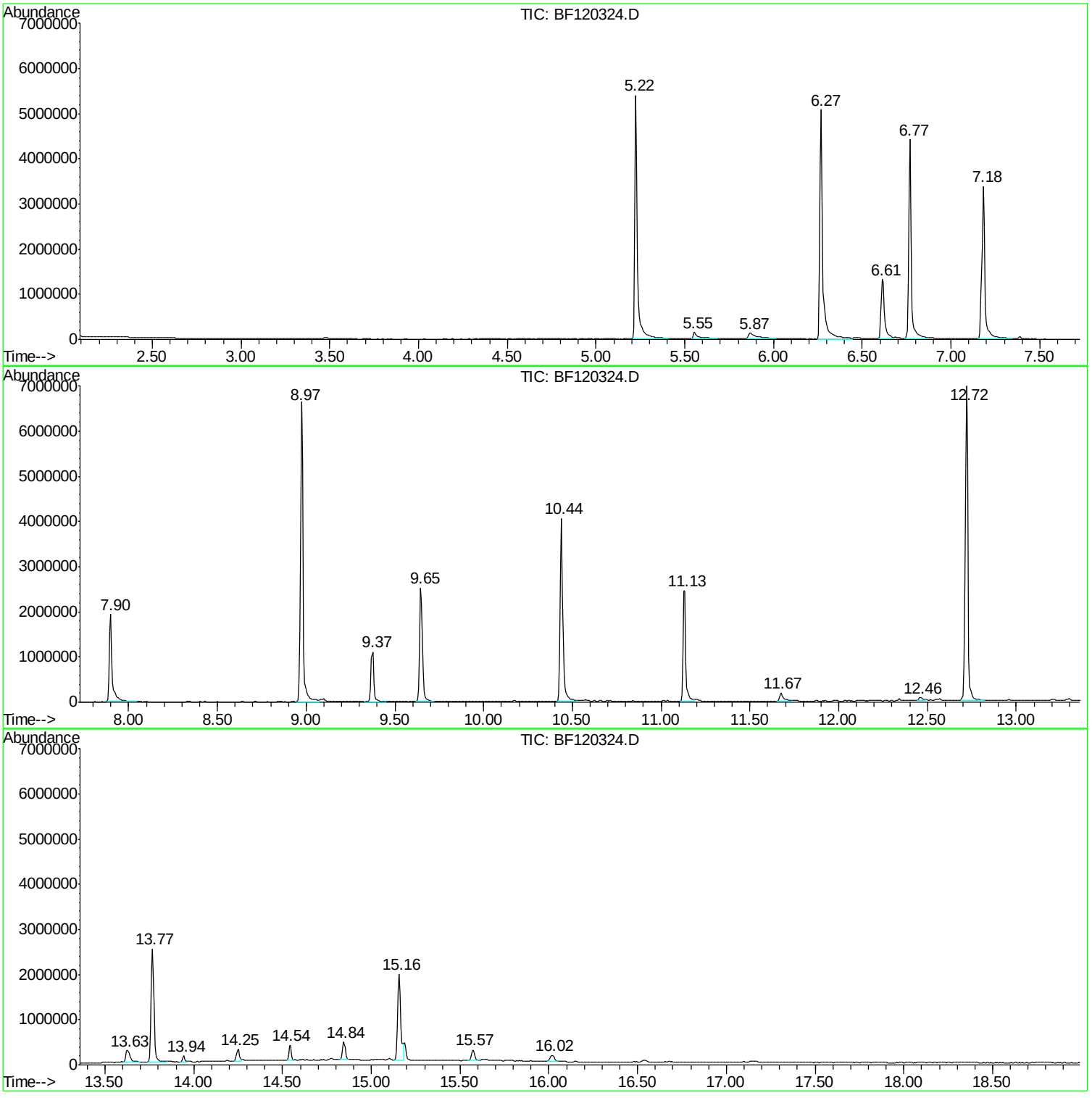
Operator : MA/SJ
Sample : L2664-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0364-COMPOSITE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.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\BF051520\
Data File : BF120324.D
Acq On : 15 May 2020 16:27
Operator : MA/SJ
Sample : L2664-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0364-COMPOSITE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

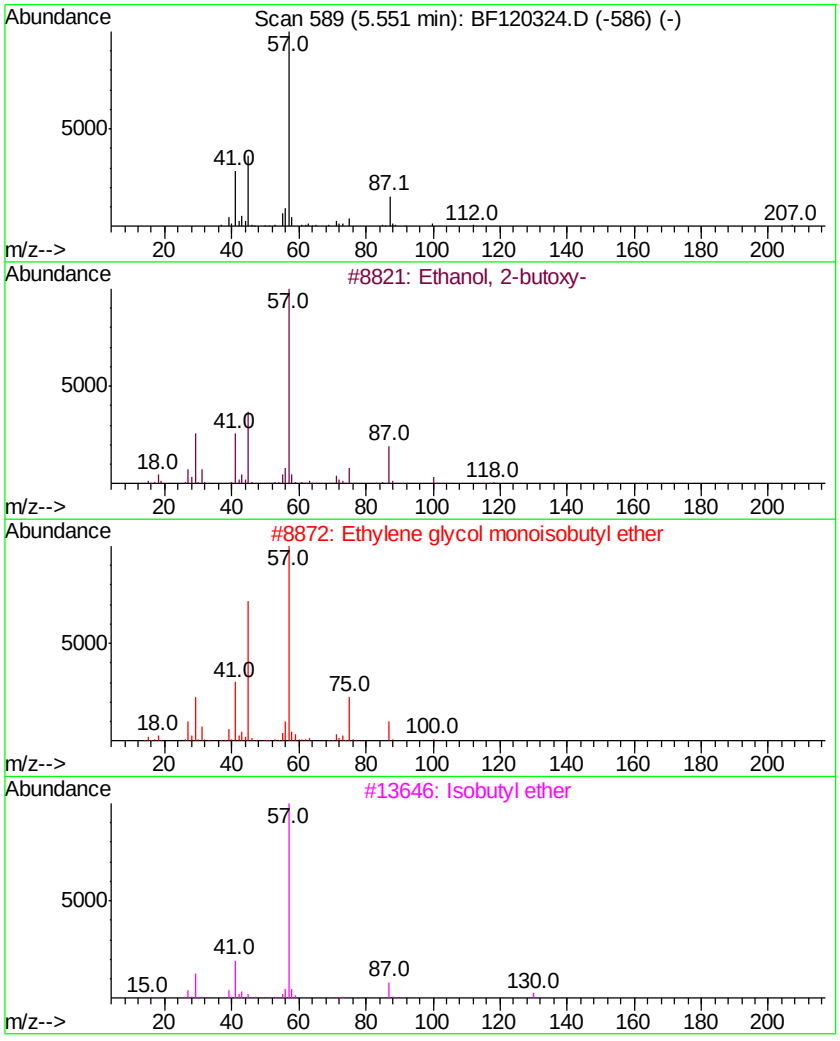
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

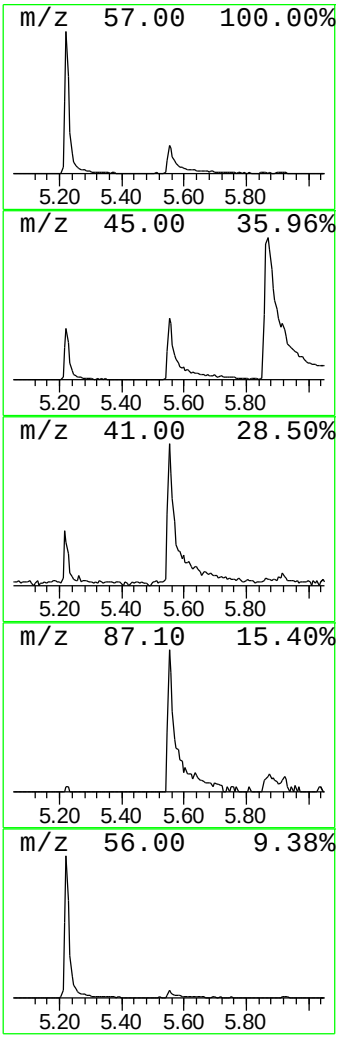
****

Peak Number 1 Ethanol, 2-butoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	3.45 ng	293559	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	64
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	40
3	Isobutyl ether	130	C8H18O	000628-55-7	38
4	n-Butyl ether	130	C8H18O	000142-96-1	32
5	1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	28





Library Search Compound Report

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Data File : BF120324.D
Acq On : 15 May 2020 16:27
Operator : MA/SJ
Sample : L2664-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0364-COMPOSITE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.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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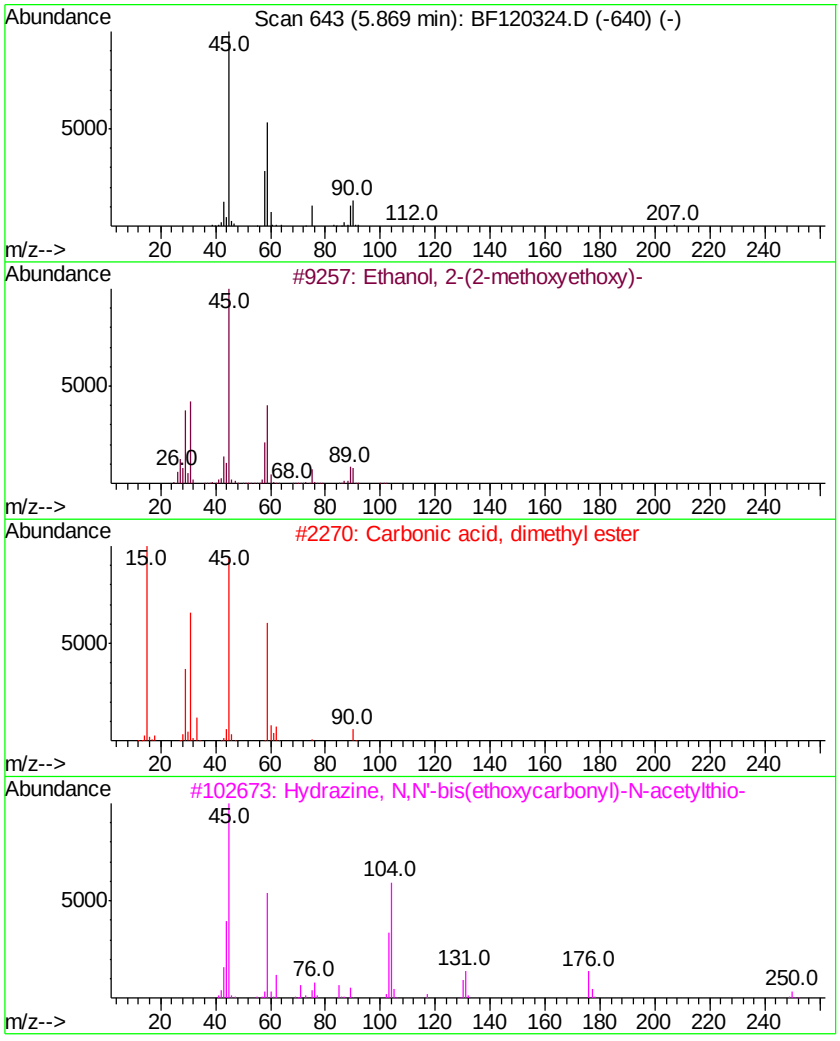
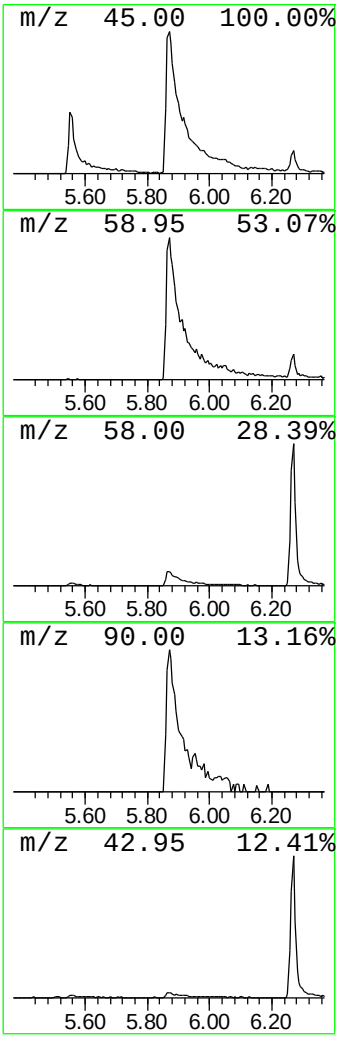
Peak Number 2 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	5.15 ng	437685	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	83
2	Carbonic acid, dimethyl ester	90	C3H6O3	000616-38-6	38
3	Hydrazine, N,N'-bis(ethoxycarbon...	250	C8H14N2O5S	1000252-63-5	38
4	Silane, dimethyl-	60	C2H8Si	001111-74-6	38
5	Ethane, 1,2-dimethoxy-	90	C4H10O2	000110-71-4	37





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120324.D
Acq On : 15 May 2020 16:27
Operator : MA/SJ
Sample : L2664-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0364-COMPOSITE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

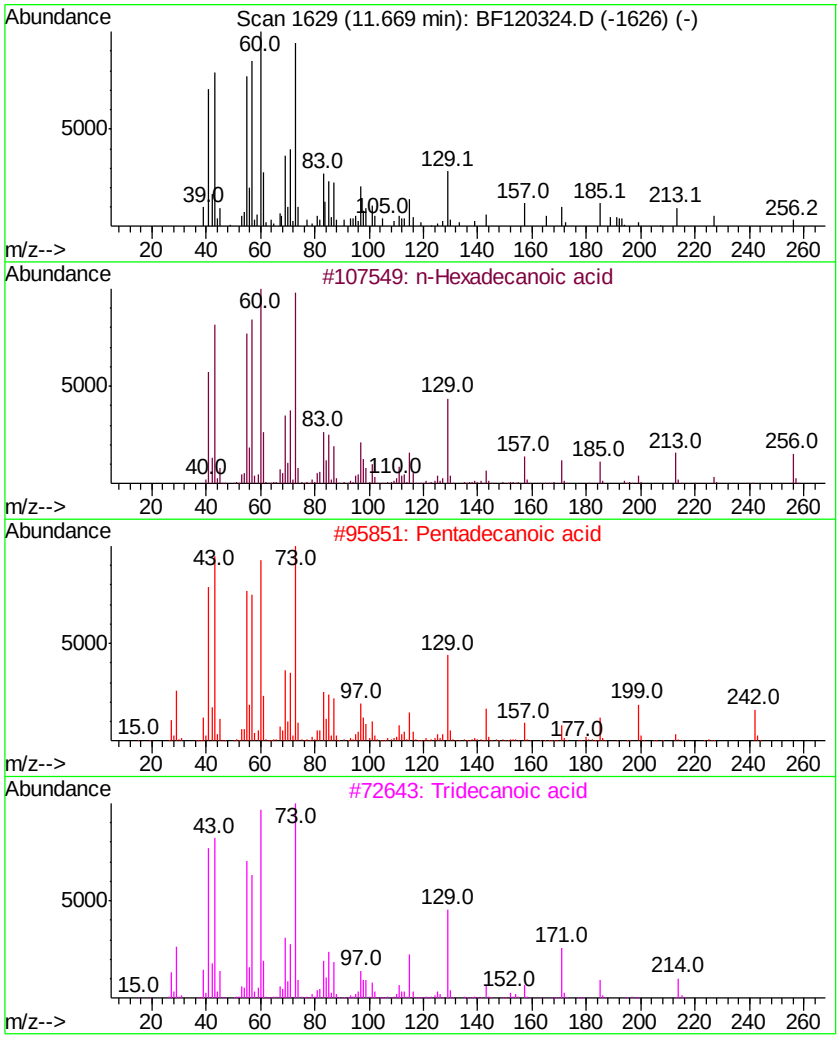
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

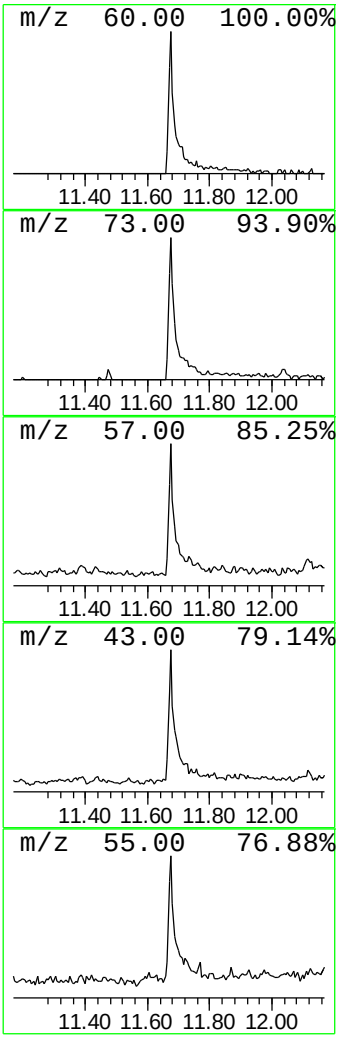
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	2.04 ng	279129	Phenanthrene-d10	11.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
Data File : BF120324.D
Acq On : 15 May 2020 16:27
Operator : MA/SJ
Sample : L2664-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0364-COMPOSITE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

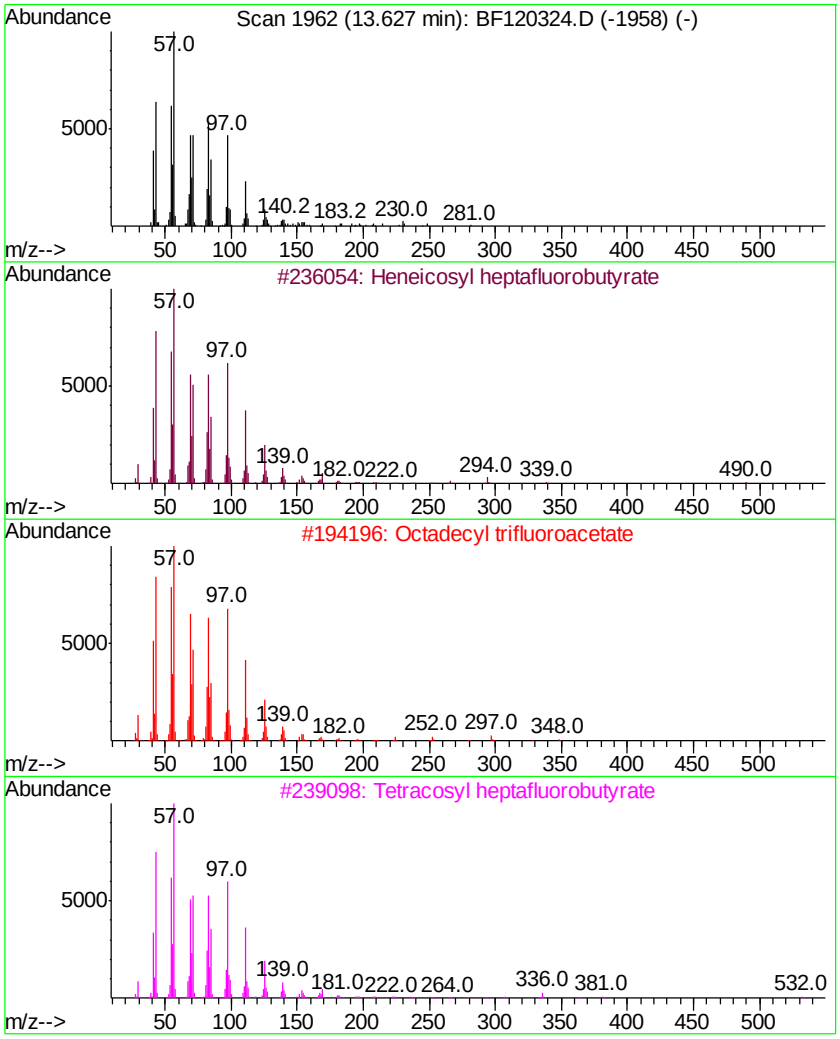
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

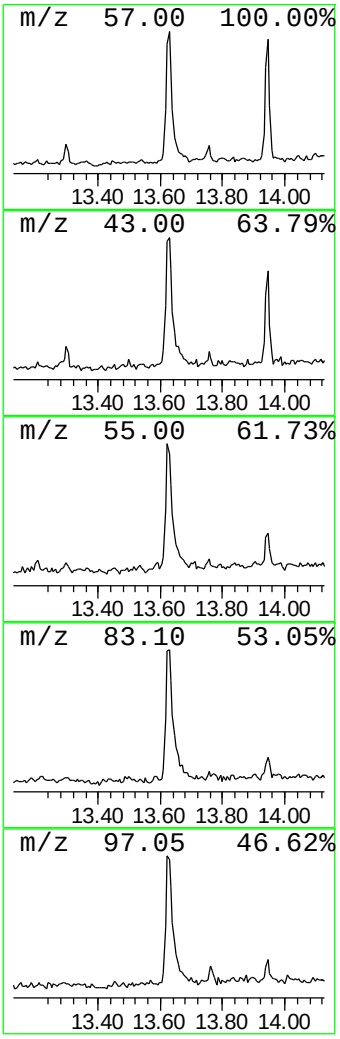
****

Peak Number 5 Heneicosyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	3.25 ng	422301	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91
2	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
3	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	91
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
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Operator : MA/SJ
Sample : L2664-02
Misc :
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Instrument : BNA_F
ClientSampleId : 0364-COMPOSITE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
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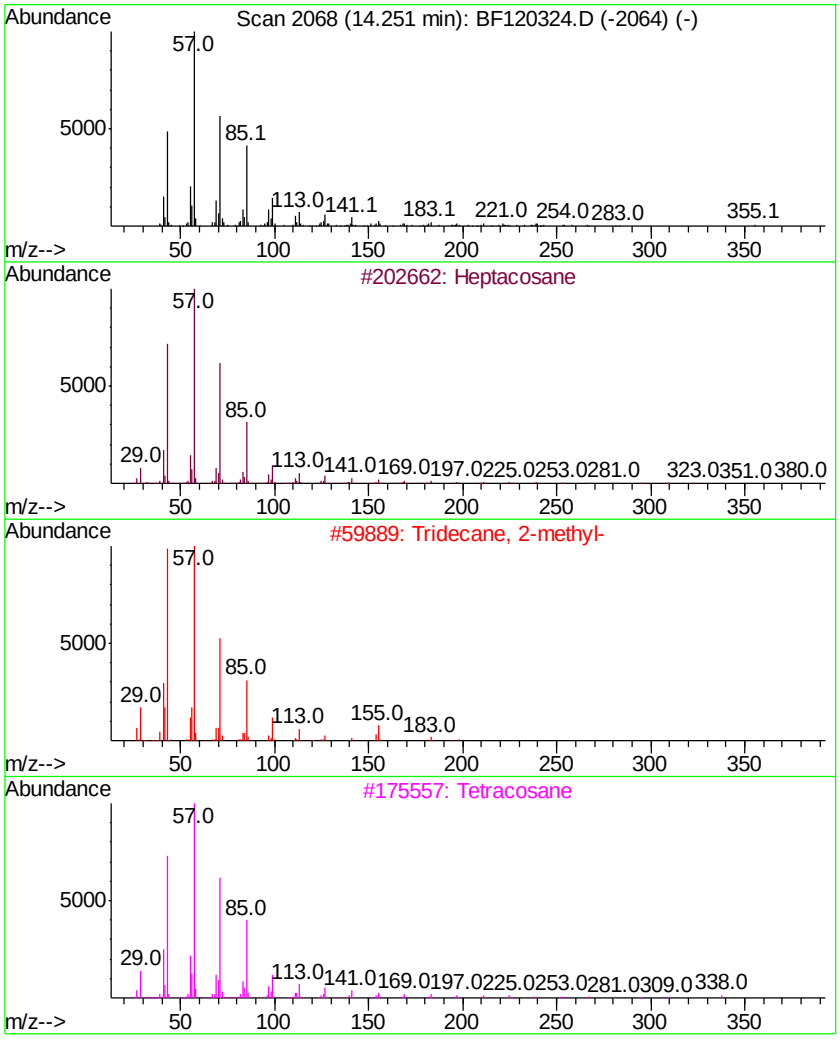
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

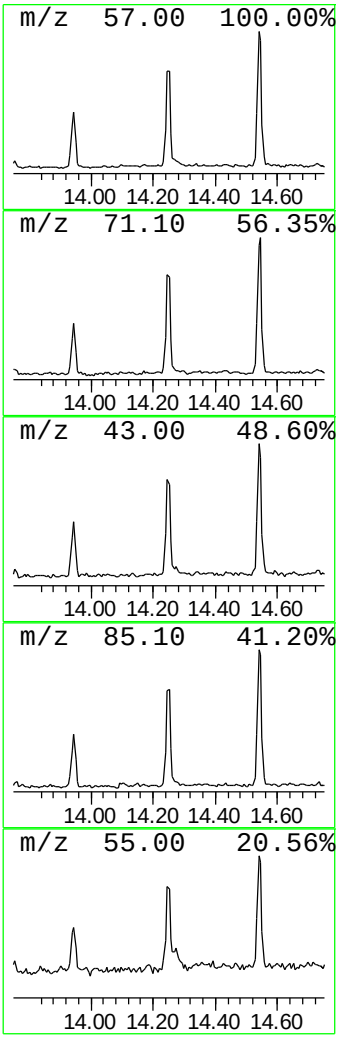
****

Peak Number 6 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	2.12 ng	275091	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Octadecane	254	C18H38	000593-45-3	87
5	Docosane	310	C22H46	000629-97-0	87





Library Search Compound Report

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Operator : MA/SJ
Sample : L2664-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0364-COMPOSITE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.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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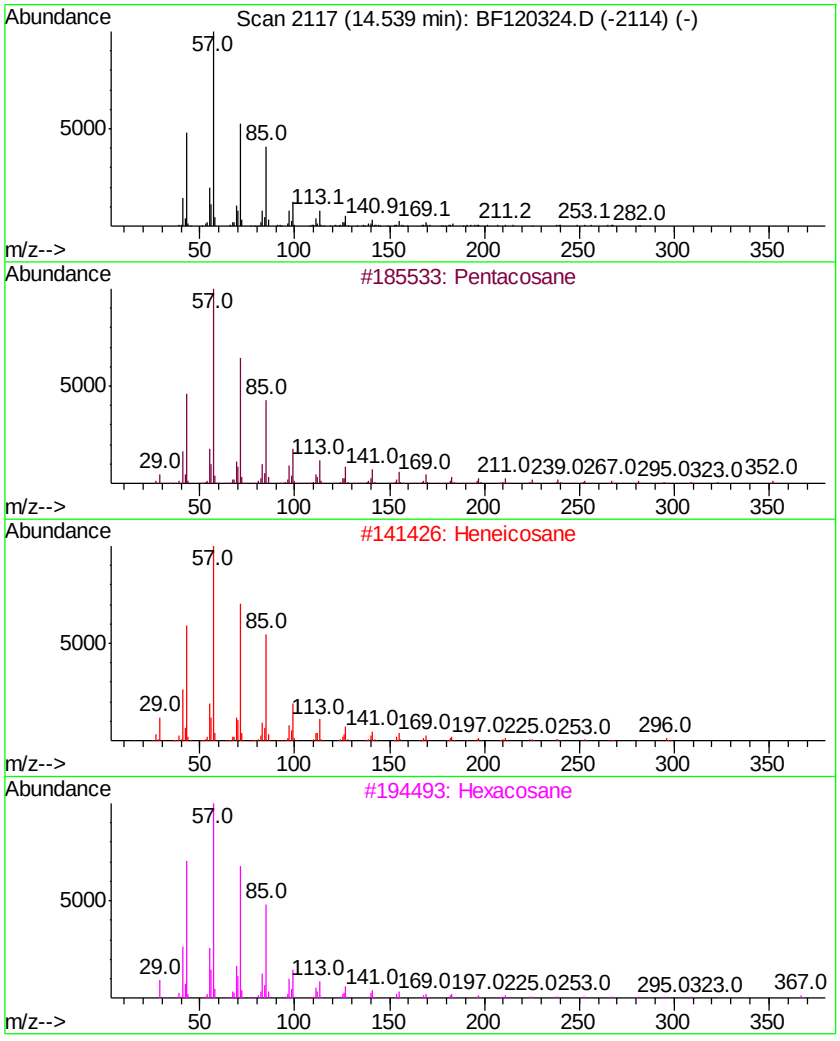
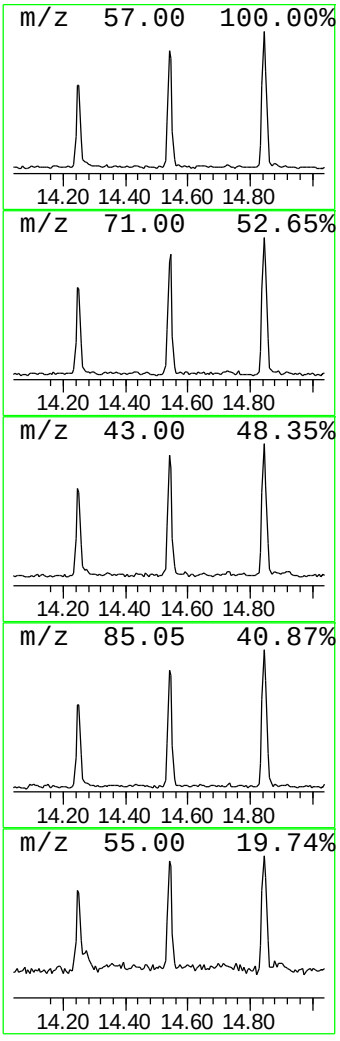
Peak Number 7 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	2.55 ng	326162	Perylene-d12	15.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Heneicosane	296	C21H44	000629-94-7	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Heptadecane	240	C17H36	000629-78-7	86
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

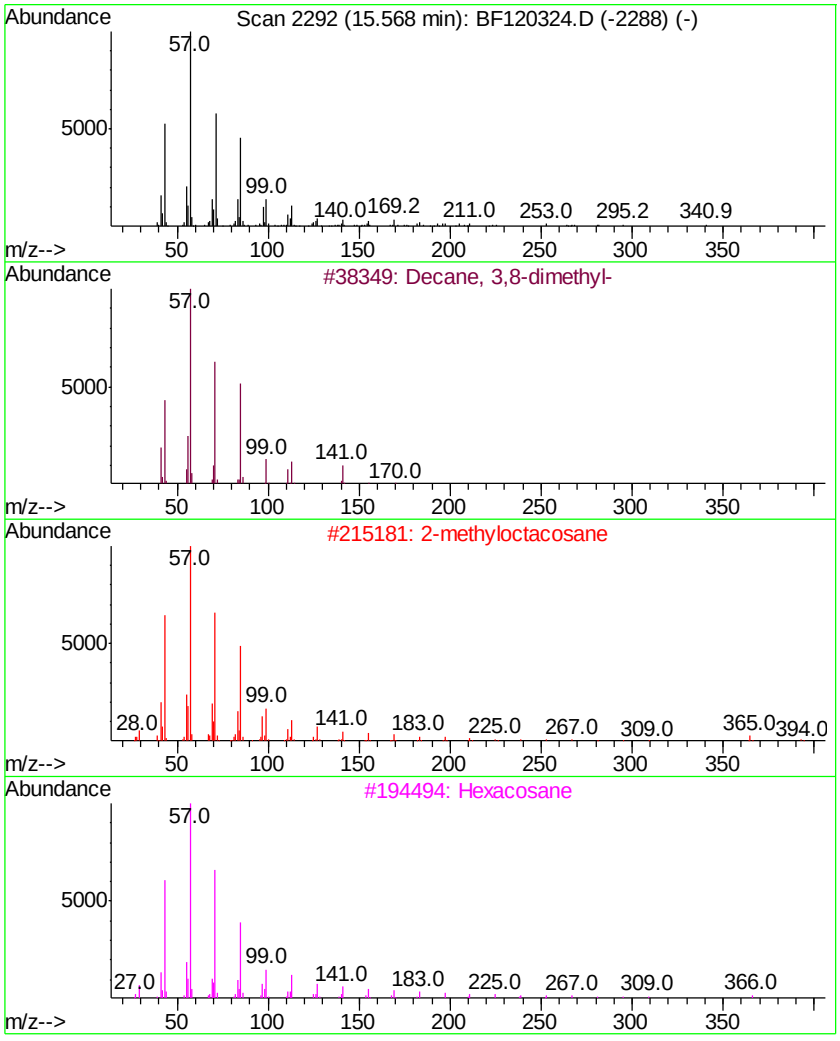
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

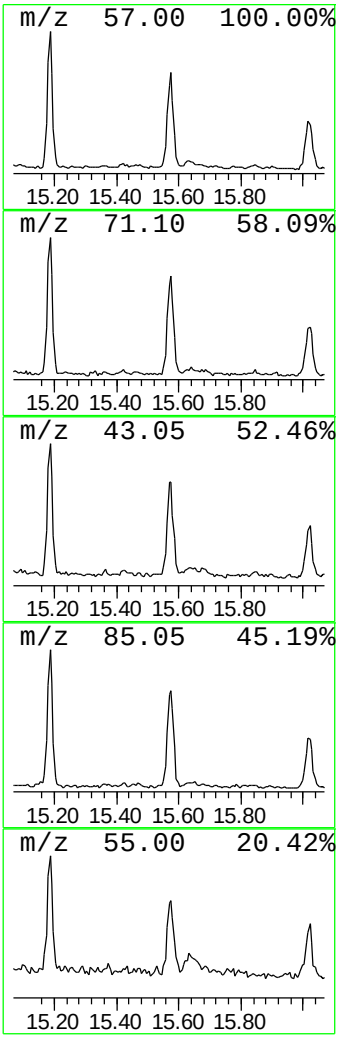
****

Peak Number 9 Decane, 3,8-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	2.55 ng	325961	Perylene-d12	15.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Octadecane	254	C18H38	000593-45-3	83
5	Heneicosane	296	C21H44	000629-94-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051520\
Data File : BF120324.D
Acq On : 15 May 2020 16:27
Operator : MA/SJ
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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-butoxy-	5.55	3.5	ng	293559	1	6.61	1699810	20.0
Ethanol, 2-(2-met...	5.87	5.2	ng	437685	1	6.61	1699810	20.0
n-Hexadecanoic acid	11.67	2.0	ng	279129	4	11.13	2733870	20.0
Heneicosyl heptaf...	13.63	3.3	ng	422301	5	13.77	2601020	20.0
Heptacosane	14.25	2.1	ng	275091	5	13.77	2601020	20.0
Pentacosane	14.54	2.5	ng	326162	6	15.16	2559440	20.0
Decane, 3,8-dimet...	15.57	2.5	ng	325961	6	15.16	2559440	20.0