LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090120\
Data File : BF121497.D
Acq On : 1 Sep 2020 15:29
Operator : JU/CG
Sample : L3848-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LINDEN-BH-01-A

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-BF082720.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	50	rVB	1376030	2436805	4.23%	2.374%
2	3.569	244	252	262	rBV	1313832	2363708	4.11%	2.302%
3	4.540	395	417	420	rBV	11149046	57546836	100.00%	56.056%
4	5.098	501	512	515	rBV	5545964	11480018	19.95%	11.183%
5	6.851	807	810	814	rBV	1854994	1500526	2.61%	1.462%
6	7.175	861	865	868	rBV	2046396	1653117	2.87%	1.610%
7	7.410	901	905	911	rBV	2363168	2190211	3.81%	2.133%
8	8.139	1021	1029	1032	rBV	2165024	1990963	3.46%	1.939%
9	9.216	1207	1212	1215	rBV	4869808	4216179	7.33%	4.107%
10	9.892	1323	1327	1331	rBV	2626769	2293016	3.98%	2.234%
11	11.380	1576	1580	1583	rBV	2933758	2494624	4.33%	2.430%
12	12.821	1815	1825	1828	rVV	731622	1040057	1.81%	1.013%
13	12.969	1846	1850	1854	rBV	4881257	4364522	7.58%	4.251%
14	13.733	1975	1980	1989	rVB2	338260	745853	1.30%	0.727%
15	13.880	2001	2005	2014	rVB2	859687	1180840	2.05%	1.150%
16	14.021	2024	2029	2032	rBV	2336155	2393128	4.16%	2.331%
17	14.398	2088	2093	2099	rBV2	455280	839389	1.46%	0.818%
18	15.498	2275	2280	2283	rVV	1493349	1929173	3.35%	1.879%

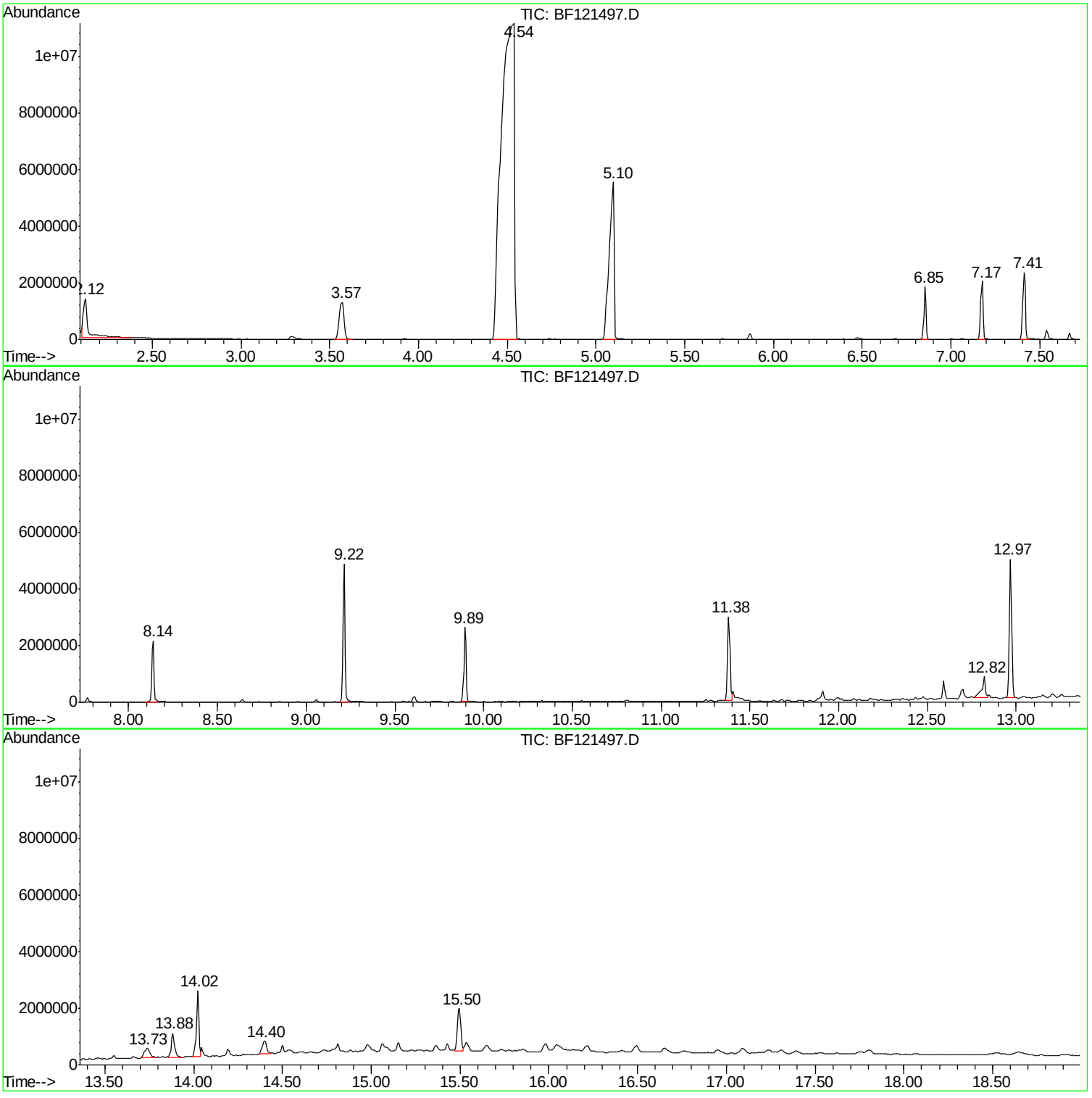
Sum of corrected areas: 102658965

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090120\
Data File : BF121497.D
Acq On : 1 Sep 2020 15:29
Operator : JU/CG
Sample : L3848-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LINDEN-BH-01-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.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\BF090120\
Data File : BF121497.D
Acq On : 1 Sep 2020 15:29
Operator : JU/CG
Sample : L3848-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LINDEN-BH-01-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

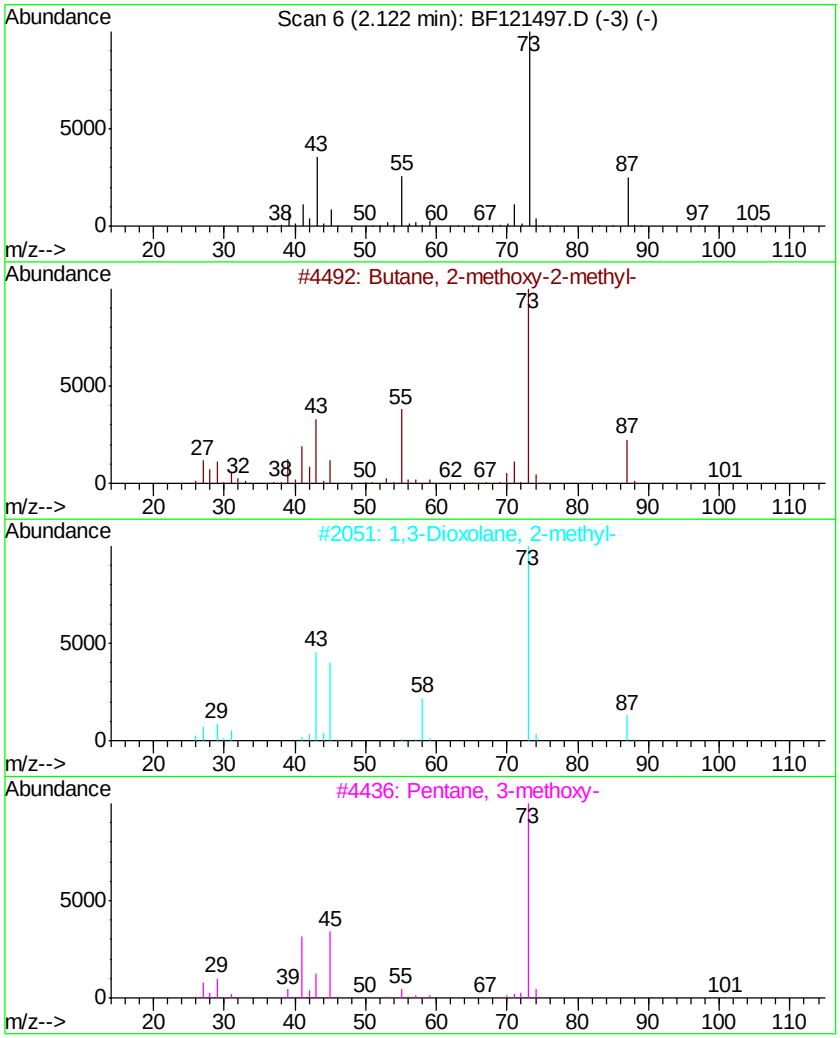
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

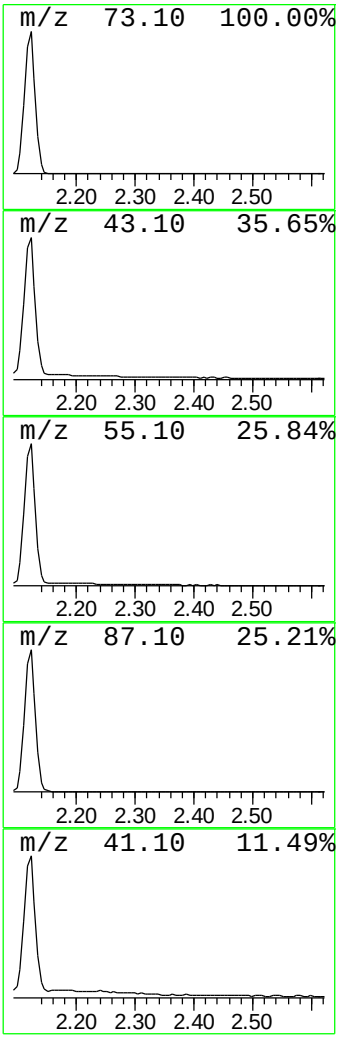
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	32.48 ng	2436810	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090120\
Data File : BF121497.D
Acq On : 1 Sep 2020 15:29
Operator : JU/CG
Sample : L3848-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LINDEN-BH-01-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

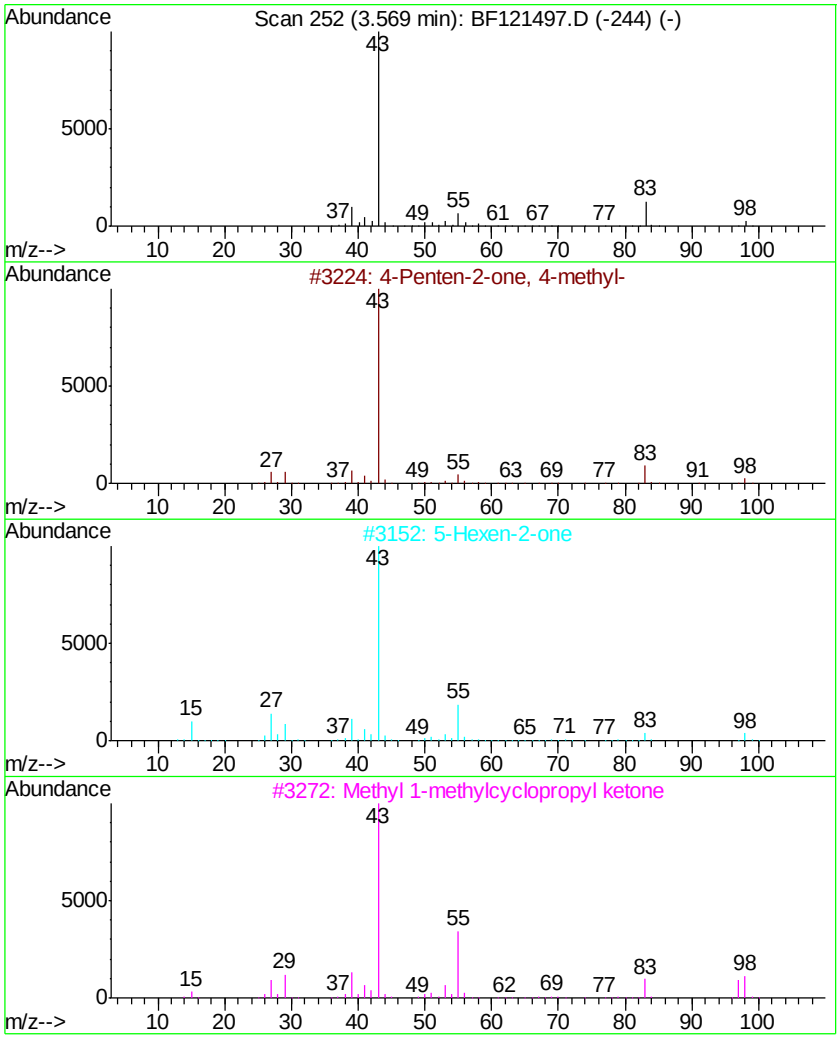
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

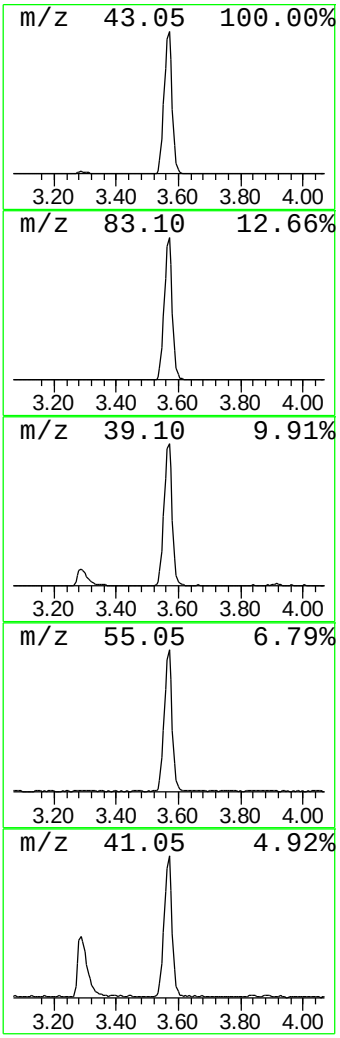
****

Peak Number 2 4-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.57	31.51 ng	2363710	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	86
2	5-Hexen-2-one	98	C6H10O	000109-49-9	47
3	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	27
4	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	25
5	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090120\
Data File : BF121497.D
Acq On : 1 Sep 2020 15:29
Operator : JU/CG
Sample : L3848-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LINDEN-BH-01-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

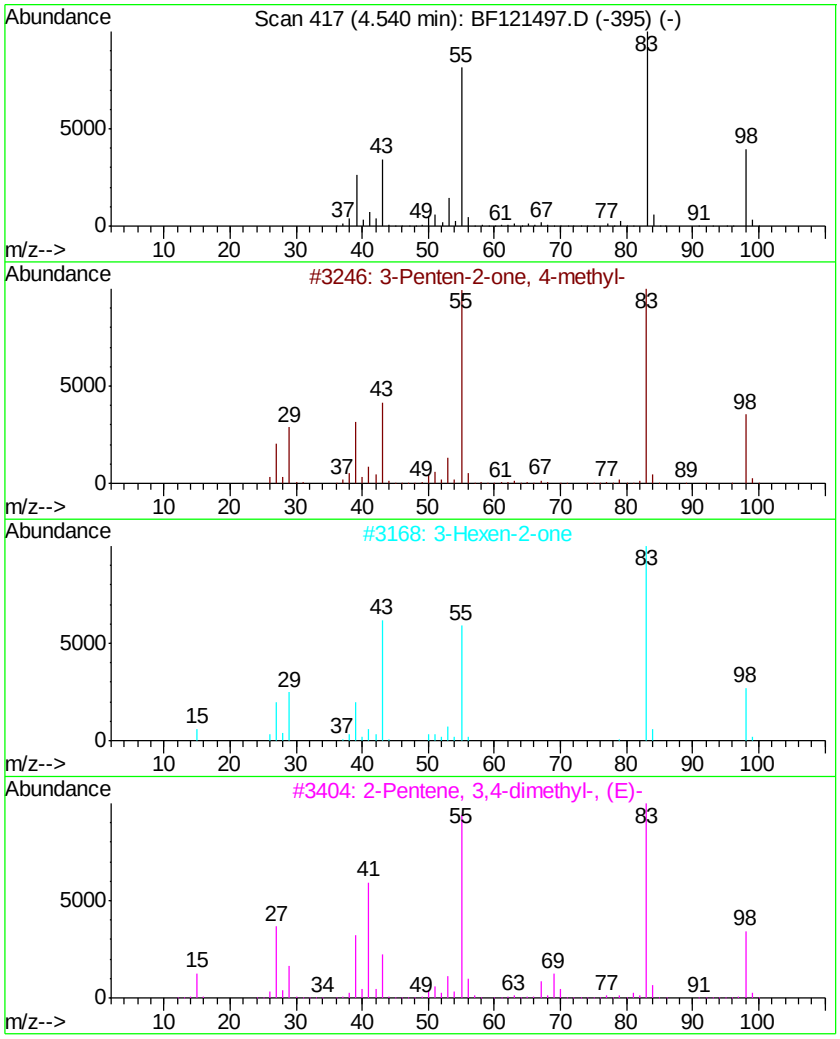
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

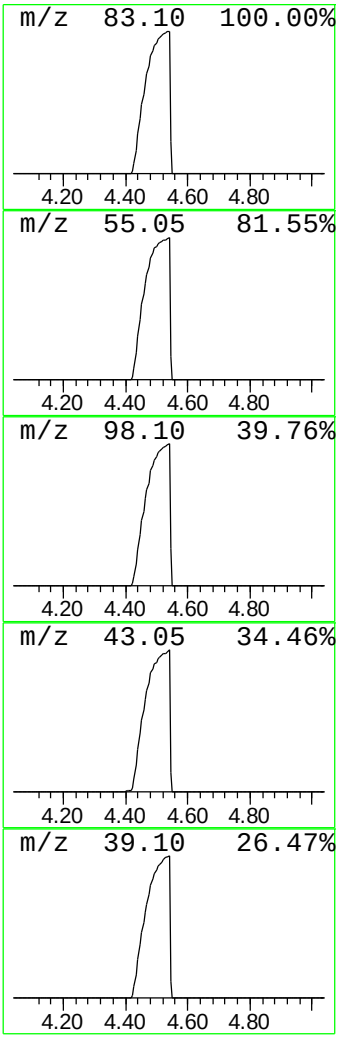
****

Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.54	767.02 ng	57546800	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	Cyclohexane, methyl-	98	C7H14	000108-87-2	80





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LINDEN-BH-01-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

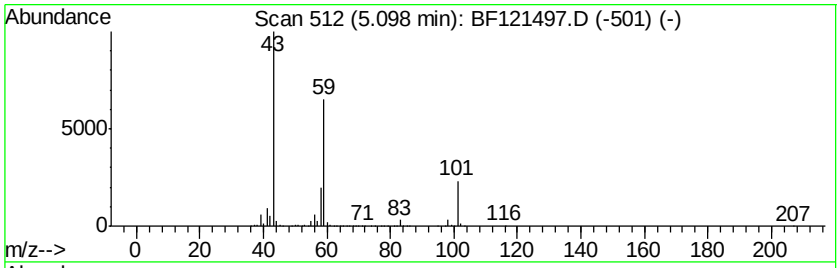
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

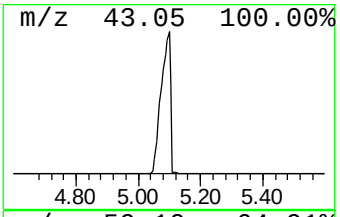
****

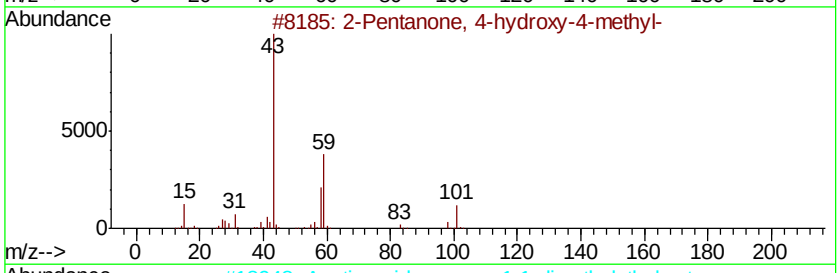
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

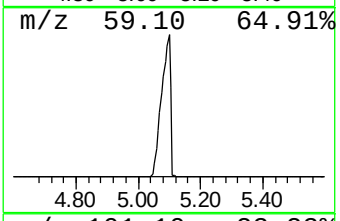
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	153.01 ng	11480000	1,4-Dichlorobenzene-d4	6.85

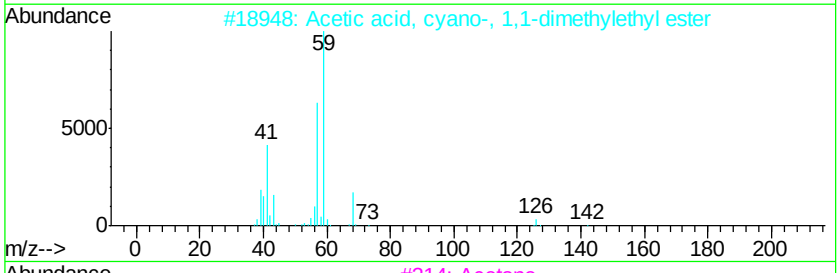
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	16
3	Acetone	58	C3H6O	000067-64-1	12
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9

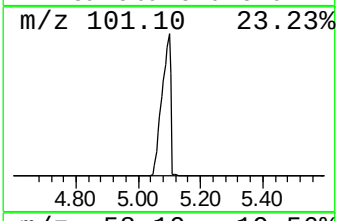


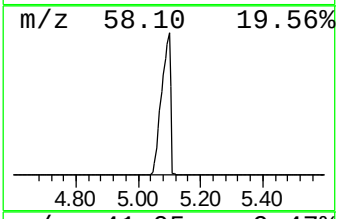


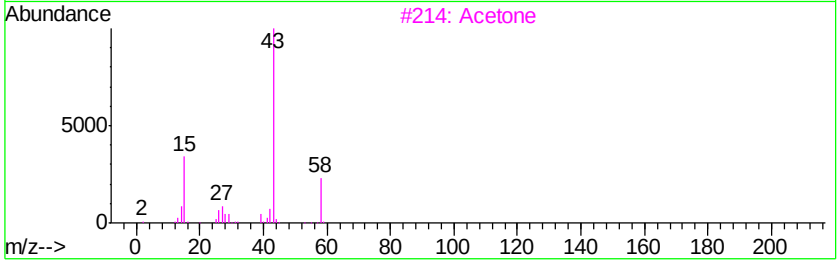


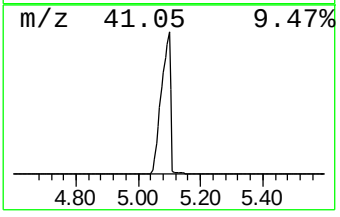












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Sample : L3848-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LINDEN-BH-01-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

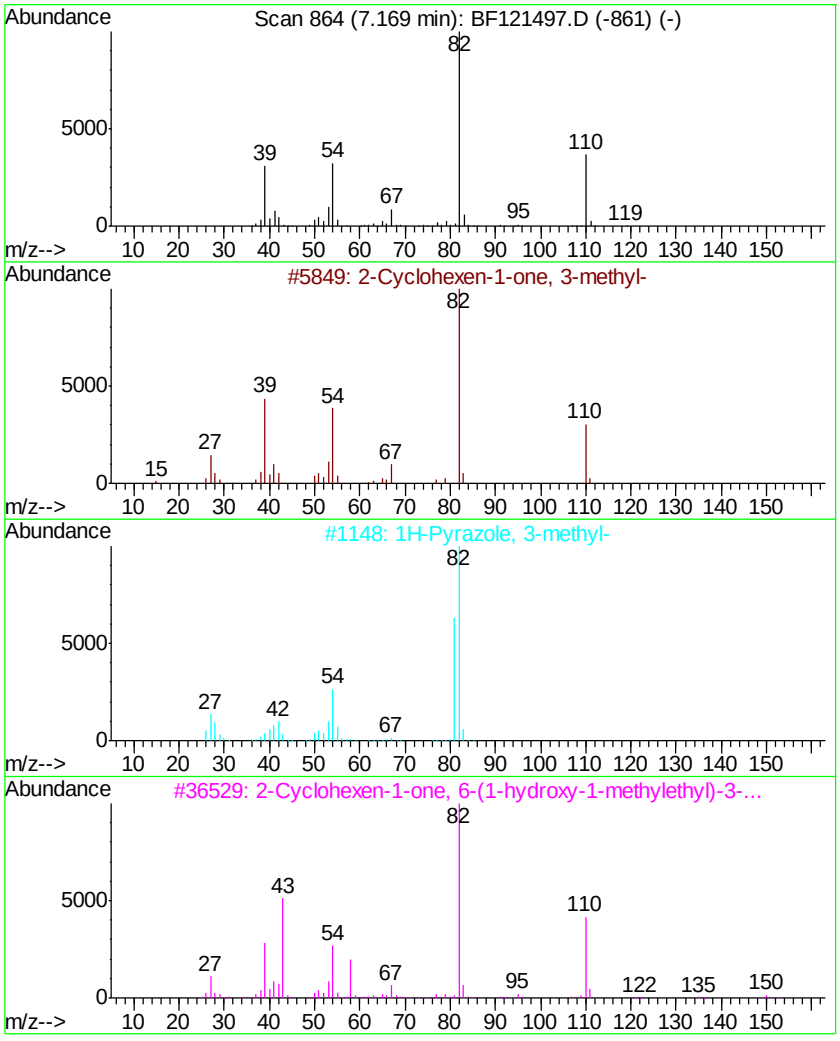
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

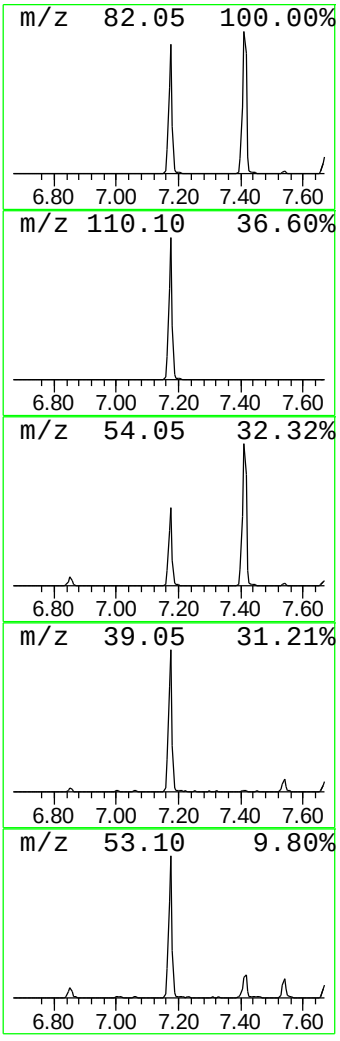
****

Peak Number 5 2-Cyclohexen-1-one, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	22.03 ng	1653120	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	91
2	1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	40
3	2-Cyclohexen-1-one, 6-(1-hydroxy...	168	C10H16O2	087791-00-2	33
4	Furan, 2-methyl-	82	C5H6O	000534-22-5	28
5	Betazole	111	C5H9N3	000105-20-4	25





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

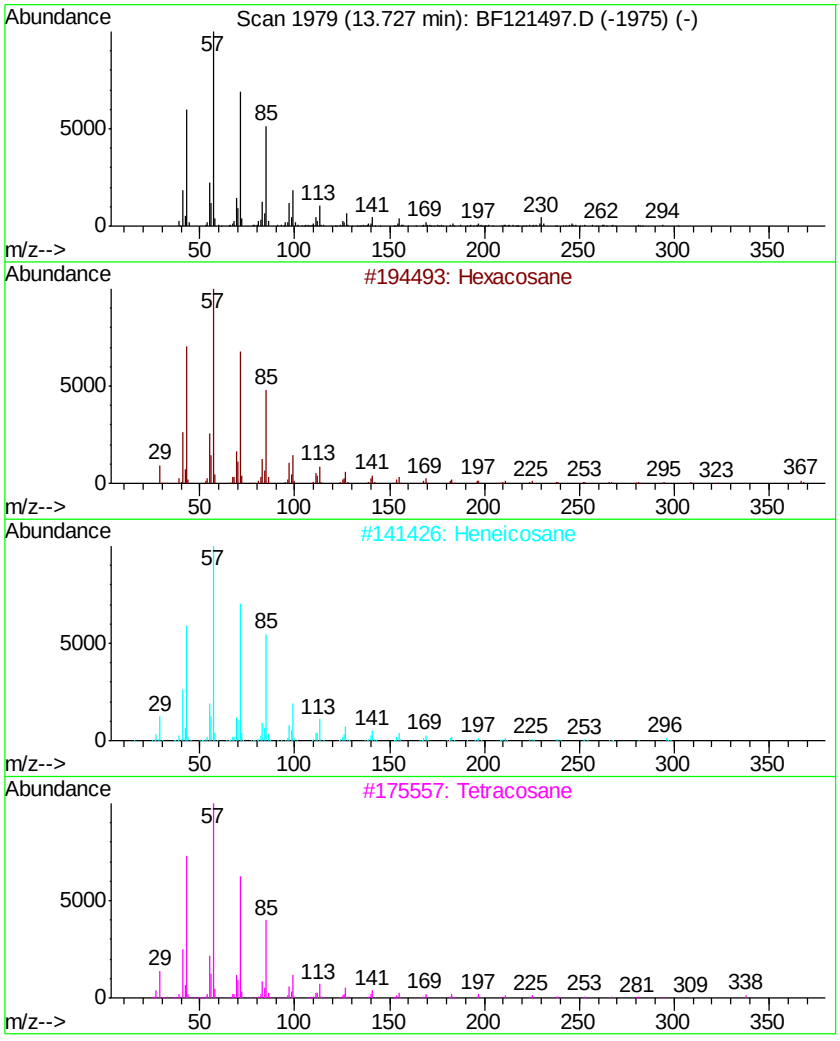
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

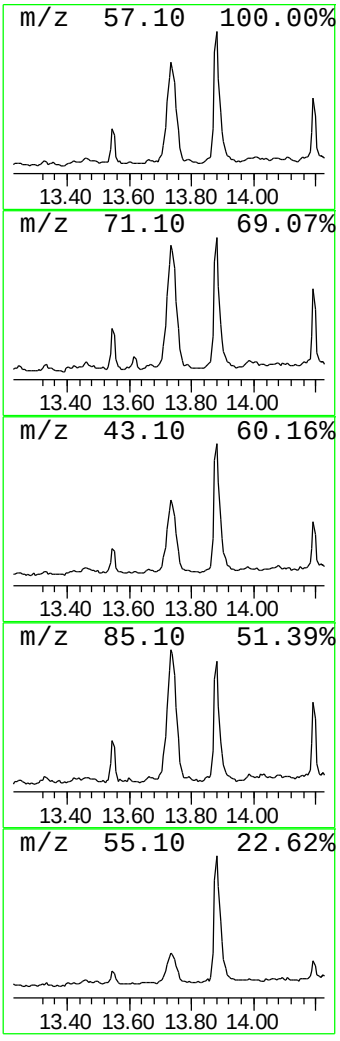
****

Peak Number 6 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	6.23 ng	745853	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Octacosane	394	C28H58	000630-02-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090120\
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Sample : L3848-09
Misc :
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Instrument : BNA_F
ClientSampleId : LINDEN-BH-01-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

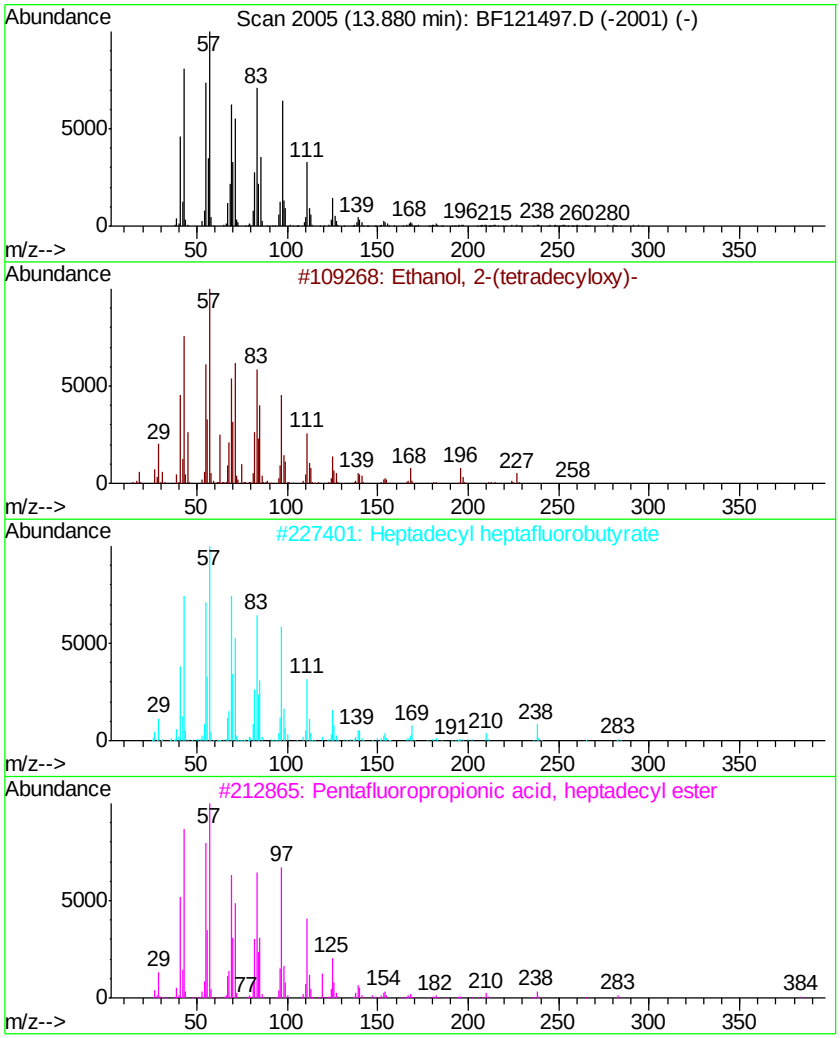
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

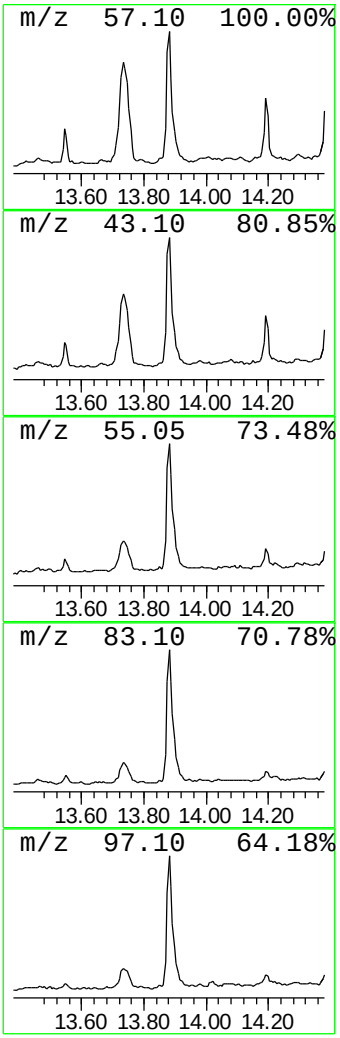
****

Peak Number 7 Ethanol, 2-(tetradecyloxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	9.87 ng	1180840	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	96
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91





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Misc :
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Instrument : BNA_F
ClientSampleId : LINDEN-BH-01-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

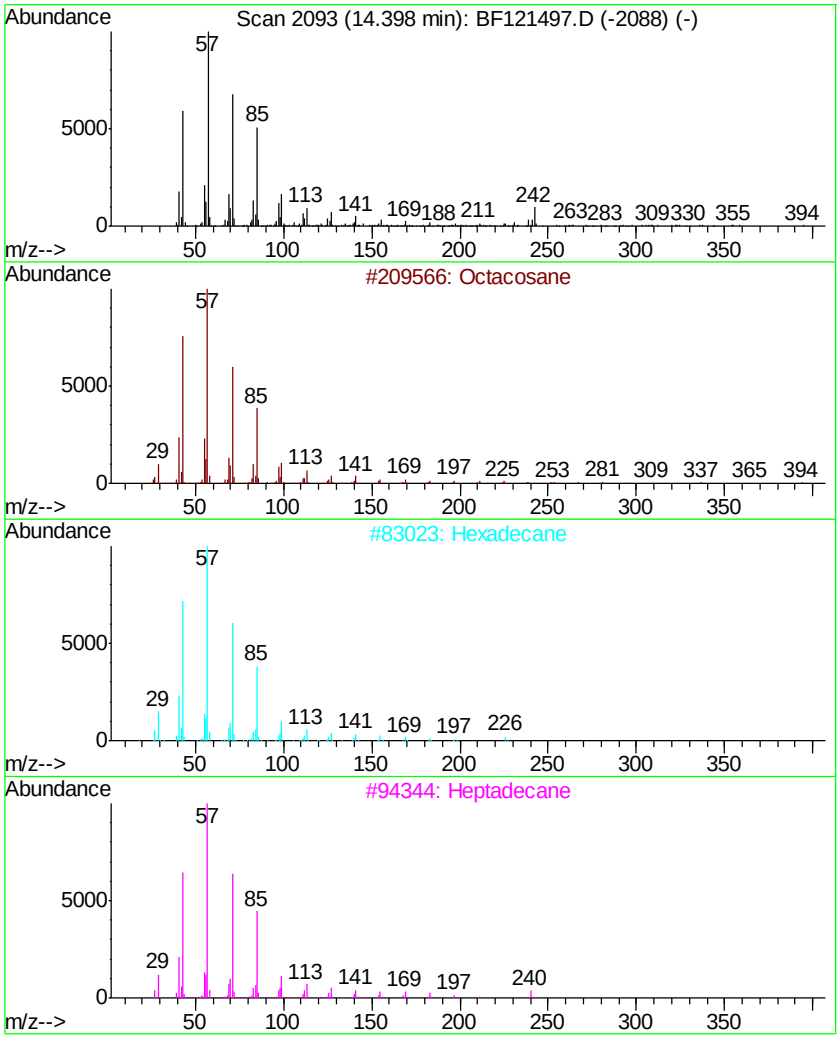
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

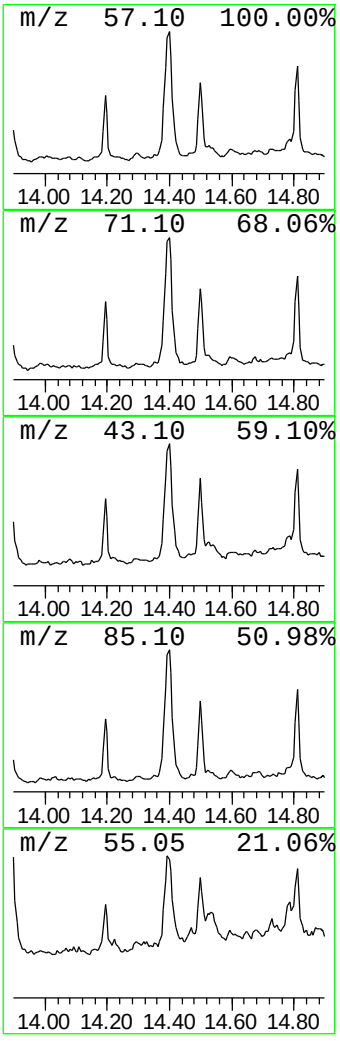
****

Peak Number 8 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	7.01 ng	839389	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	99
2	Hexadecane	226	C16H34	000544-76-3	93
3	Heptadecane	240	C17H36	000629-78-7	93
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heneicosane	296	C21H44	000629-94-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090120\
Data File : BF121497.D
Acq On : 1 Sep 2020 15:29
Operator : JU/CG
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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
Butane, 2-methoxy...	2.12	32.5	ng	2436810	1	6.85	1500530	20.0
4-Penten-2-one, 4...	3.57	31.5	ng	2363710	1	6.85	1500530	20.0
3-Penten-2-one, 4...	4.54	767.0	ng	57546800	1	6.85	1500530	20.0
2-Pentanone, 4-hy...	5.10	153.0	ng	11480000	1	6.85	1500530	20.0
2-Cyclohexen-1-on...	7.17	22.0	ng	1653120	1	6.85	1500530	20.0
Hexacosane	13.73	6.2	ng	745853	5	14.02	2393130	20.0
Ethanol, 2-(tetra...	13.88	9.9	ng	1180840	5	14.02	2393130	20.0
Octacosane	14.40	7.0	ng	839389	5	14.02	2393130	20.0