LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107650.D
Acq On : 25 Jul 2018 12:11
Operator : JU/SJ
Sample : J4101-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

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-BF072018.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	3.084	122	127	133	rVB	131471	186073	2.47%	0.296%
2	3.854	252	258	266	rBV	286384	446696	5.94%	0.712%
3	4.637	386	391	407	rBV	1881145	2493057	33.15%	3.972%
4	5.231	488	492	503	rBV	454598	671237	8.92%	1.069%
5	5.619	553	558	584	rBV	3780679	5541857	73.69%	8.829%
6	6.607	721	726	744	rBV	3487883	4989462	66.34%	7.949%
7	6.742	745	749	772	rVV	4825491	6301912	83.79%	10.040%
8	6.895	772	775	783	rVB	87146	91394	1.22%	0.146%
9	6.966	783	787	809	rVB	1254560	1487505	19.78%	2.370%
10	7.125	809	814	828	rBV	4472889	4960668	65.96%	7.903%
11	7.254	833	836	854	rVB3	60543	129781	1.73%	0.207%
12	7.531	878	883	901	rBV	3018197	4270262	56.78%	6.803%
13	7.683	906	909	921	rVB3	60164	112112	1.49%	0.179%
14	8.248	1000	1005	1025	rBV	1831391	1976254	26.28%	3.149%
15	9.325	1182	1188	1204	rBV	6125227	7370540	98.00%	11.743%
16	9.966	1291	1297	1300	rBV2	94796	178804	2.38%	0.285%
17	10.007	1300	1304	1318	rVB	2093007	2151631	28.61%	3.428%
18	10.807	1434	1440	1457	rBV	4317485	5231994	69.57%	8.336%
19	11.501	1554	1558	1574	rBV	2280228	2383483	31.69%	3.797%
20	12.007	1639	1644	1653	rBV2	221461	279045	3.71%	0.445%
21	12.795	1772	1778	1791	rBV	389436	501647	6.67%	0.799%
22	13.089	1823	1828	1842	rBV	6032844	7520987	100.00%	11.983%
23	14.154	2004	2009	2019	rBV	1857249	2057020	27.35%	3.277%
24	14.989	2146	2151	2155	rVB2	120685	174783	2.32%	0.278%
25	15.571	2245	2250	2258	rVB	101224	201678	2.68%	0.321%
26	15.683	2263	2269	2277	rBV2	507374	866002	11.51%	1.380%
27	16.248	2360	2365	2373	rVB2	87222	189797	2.52%	0.302%

Sum of corrected areas: 62765681

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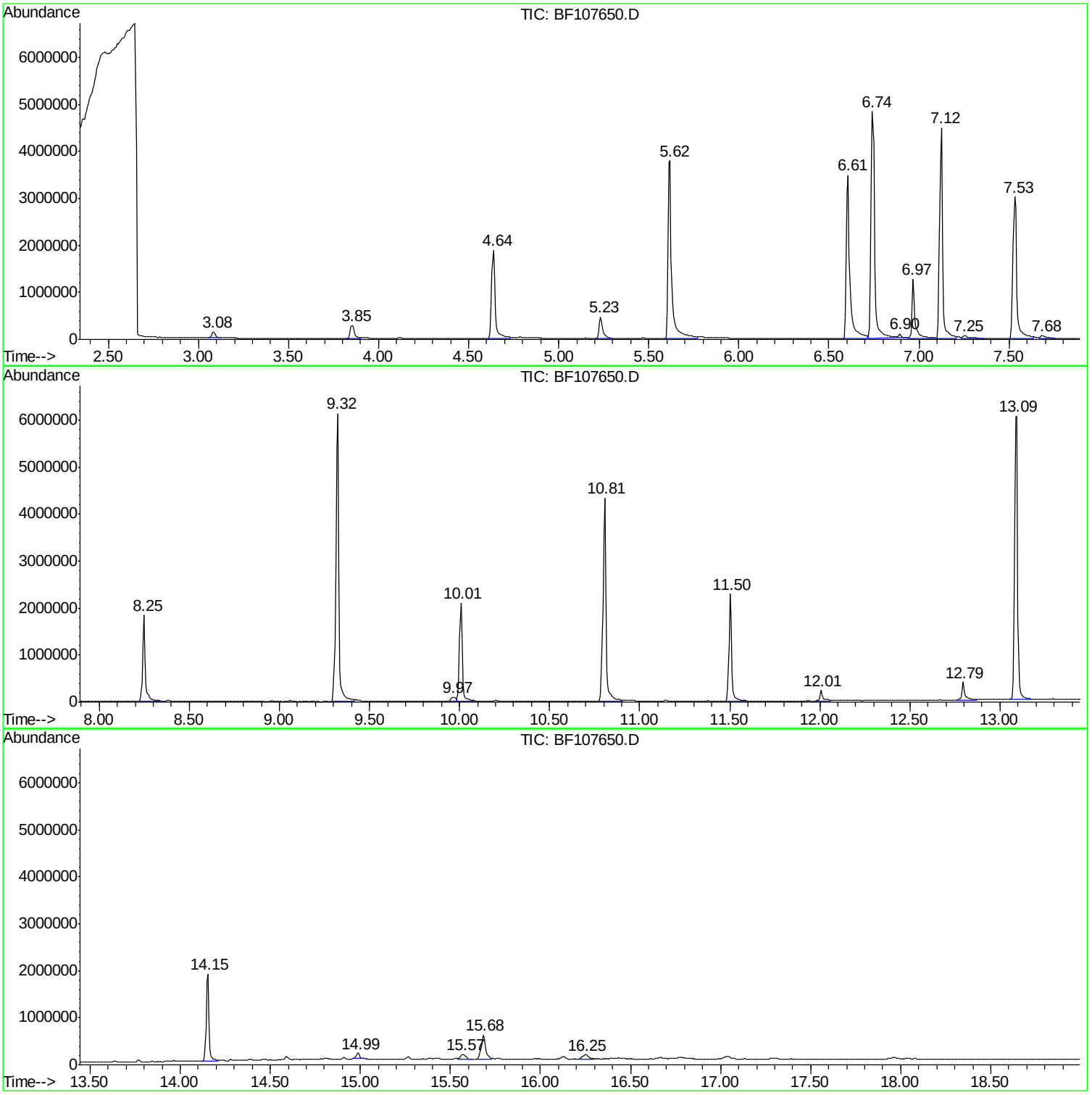
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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

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Instrument : BNA_F
ClientSampleId : TP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

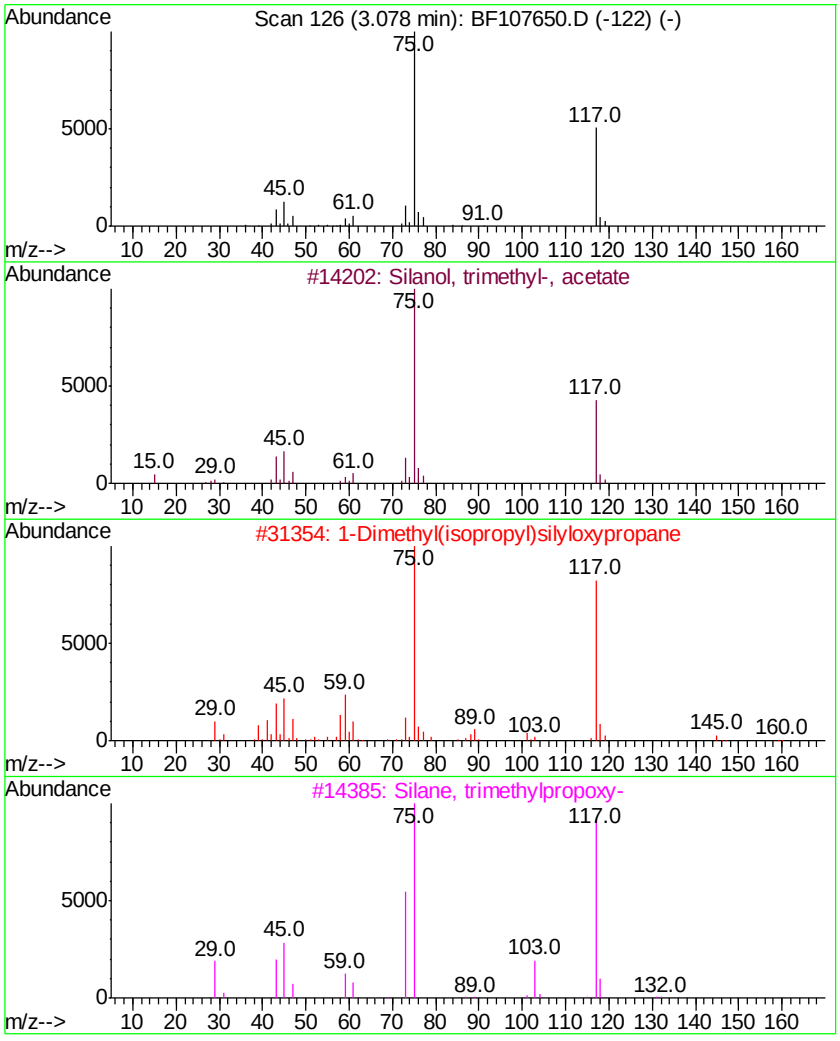
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

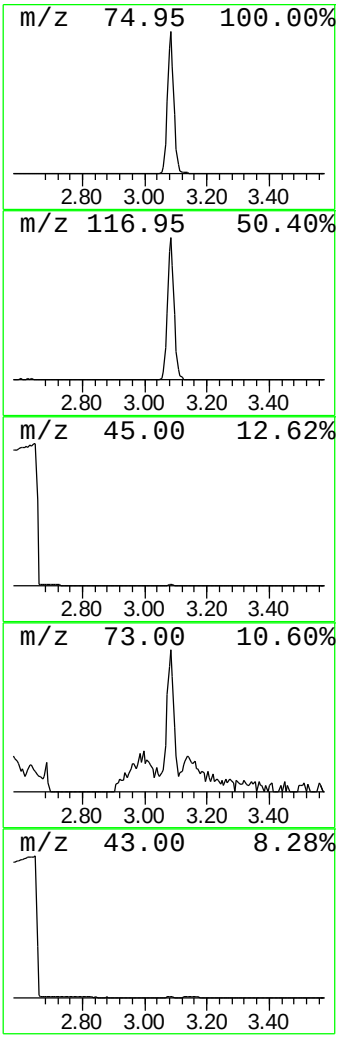
****

Peak Number 1 Silanol, trimethyl-, acetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.08	2.50 ng	186073	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silanol, trimethyl-, acetate	132	C5H12O2Si	002754-27-0	83
2	1-Dimethyl(isopropyl)silyloxypro...	160	C8H20OSi	1000279-89-4	78
3	Silane, trimethylpropoxy-	132	C6H16OSi	001825-63-4	72
4	2-Dichloromethyl(dimethyl)silylo...	200	C6H14Cl2OSi	018209-57-9	72
5	Silane, trimethyl(1-methylethoxy)-	132	C6H16OSi	001825-64-5	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107650.D
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Operator : JU/SJ
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

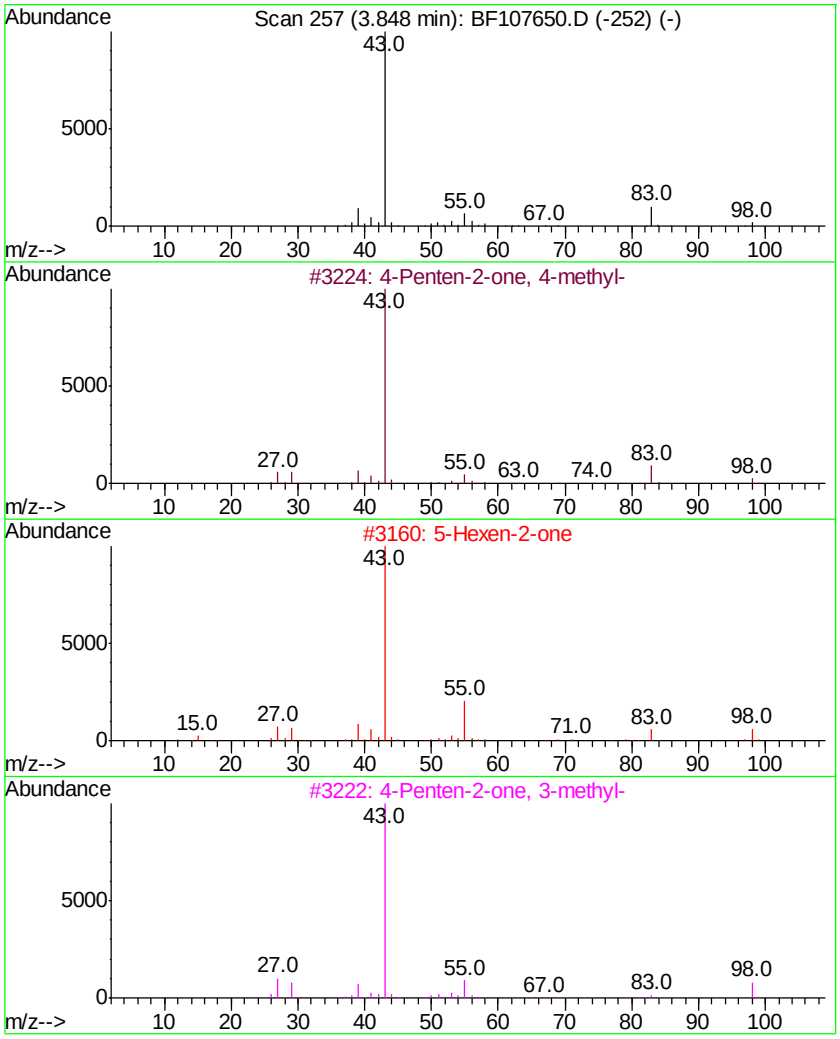
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

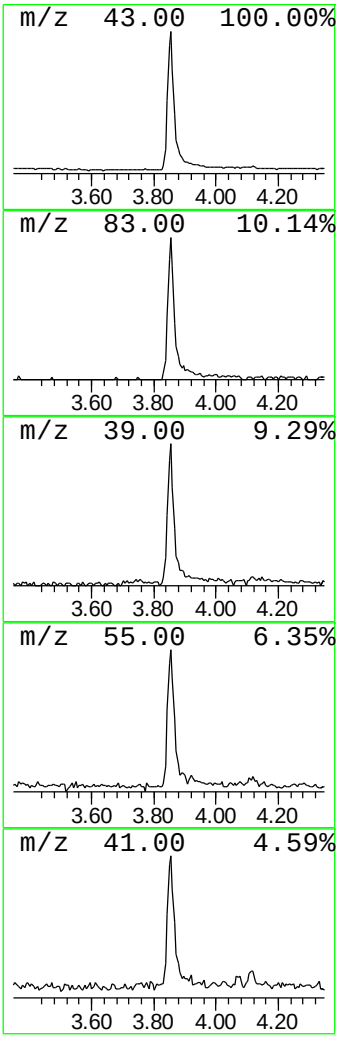
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.85	6.01 ng	446696	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	80
2	5-Hexen-2-one	98	C6H10O	000109-49-9	36
3	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	9
4	4-Hexen-2-one	98	C6H10O	025659-22-7	9
5	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	9





Library Search Compound Report

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Data File : BF107650.D
Acq On : 25 Jul 2018 12:11
Operator : JU/SJ
Sample : J4101-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

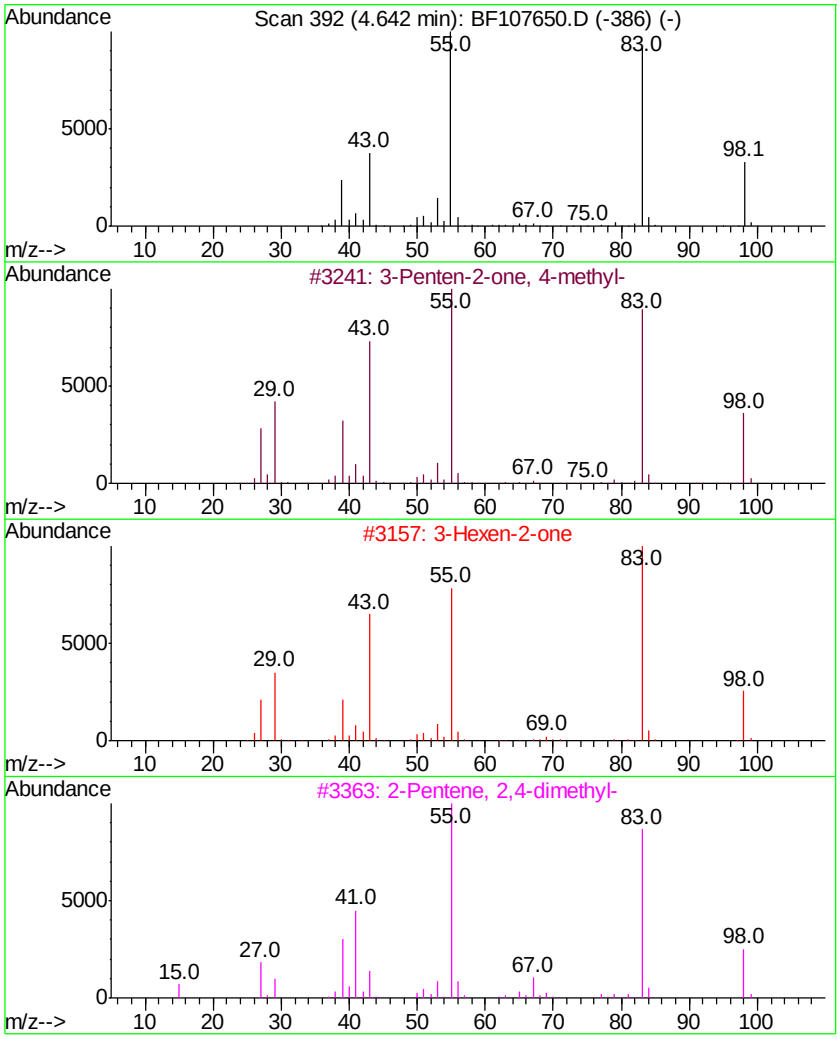
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

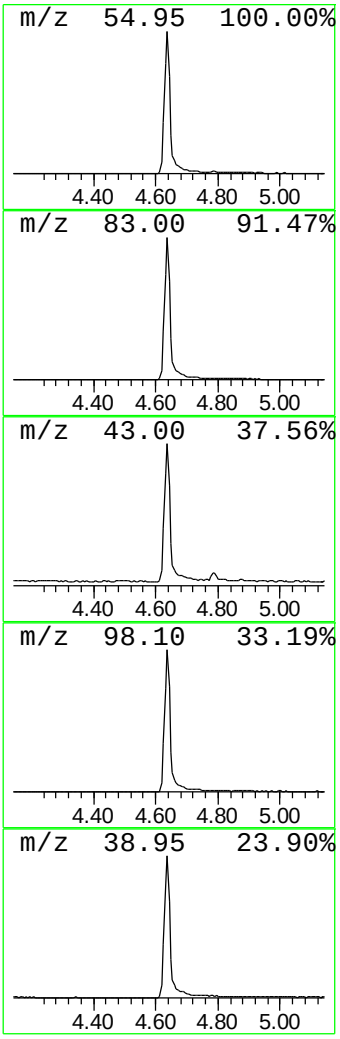
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	33.52 ng	2493060	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78
5	2,4-Azetidinedione, 3,3-diethyl-	141	C7H11NO2	042282-85-9	78





Library Search Compound Report

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Data File : BF107650.D
Acq On : 25 Jul 2018 12:11
Operator : JU/SJ
Sample : J4101-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

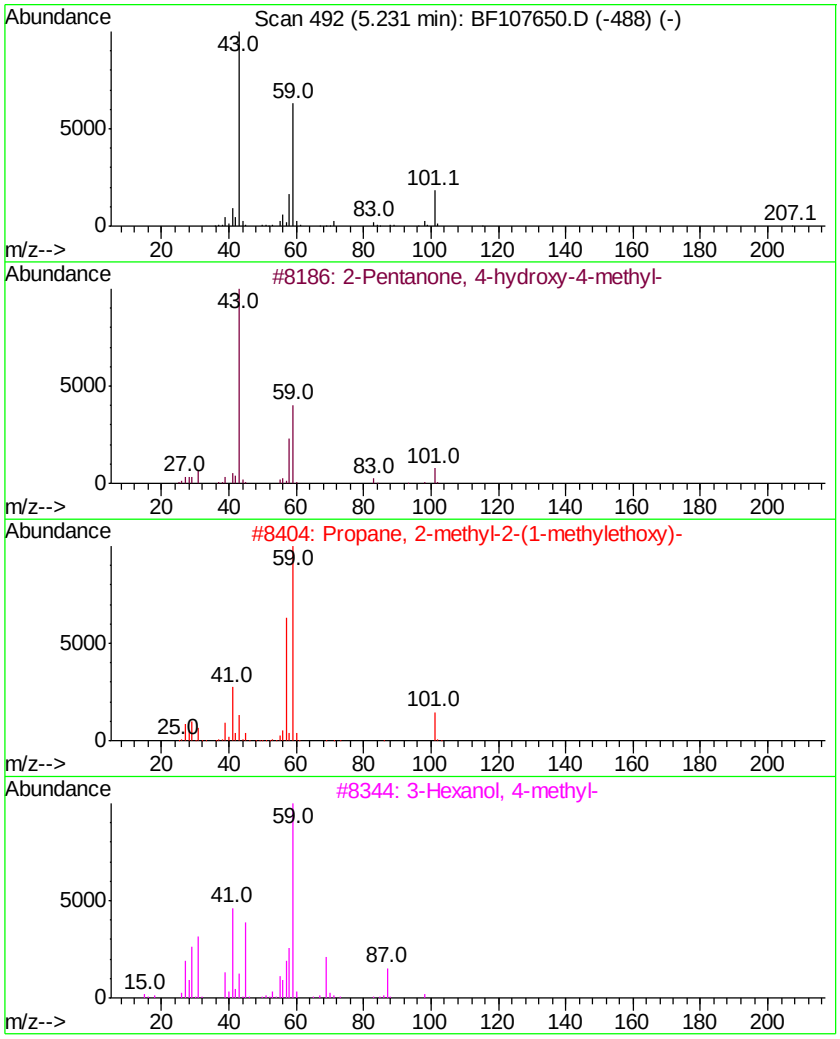
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

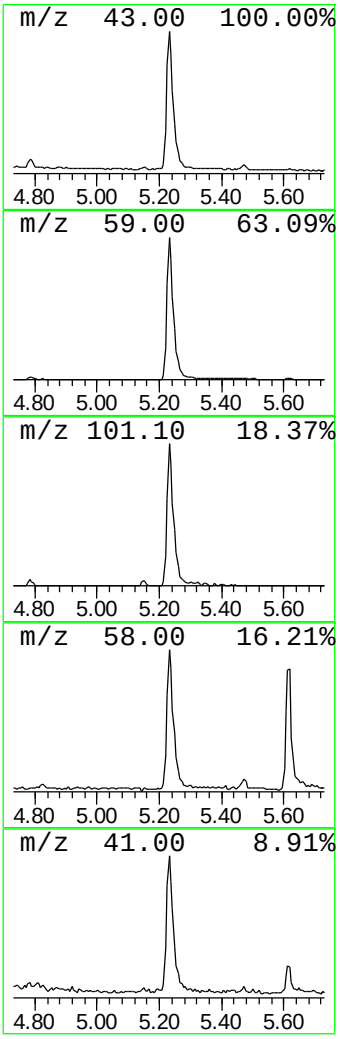
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	9.03 ng	671237	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Hexanamide	115	C6H13NO	000628-02-4	32
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
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Operator : JU/SJ
Sample : J4101-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

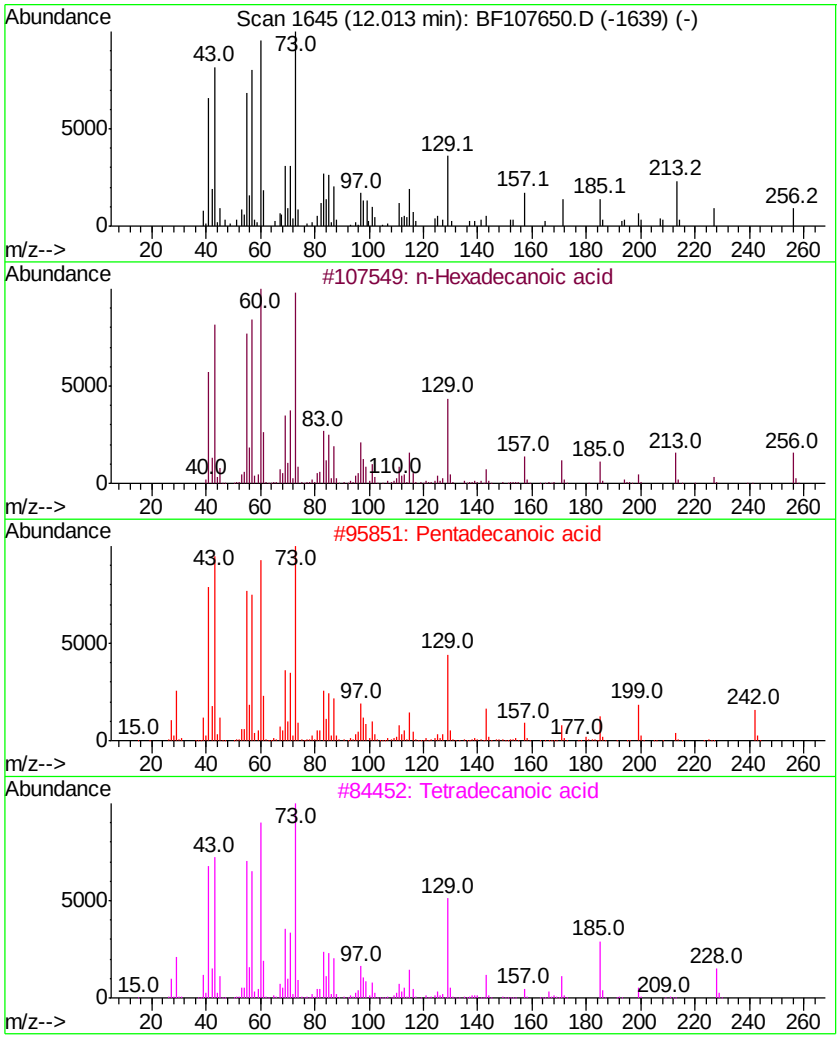
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

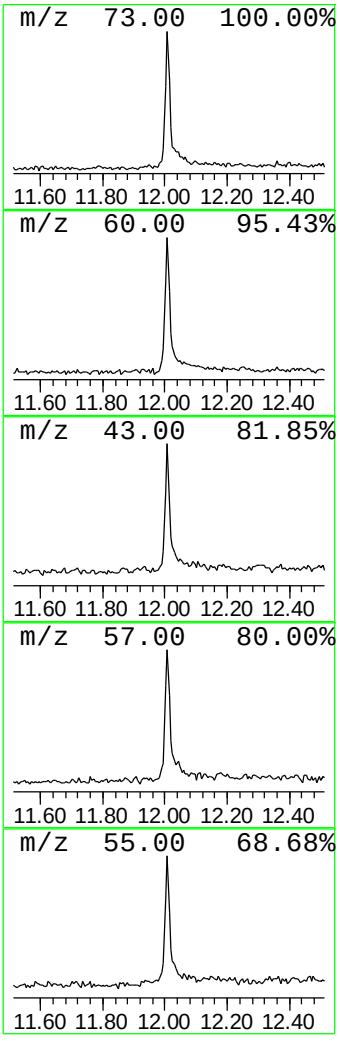
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	2.34 ng	279045	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107650.D
Acq On : 25 Jul 2018 12:11
Operator : JU/SJ
Sample : J4101-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

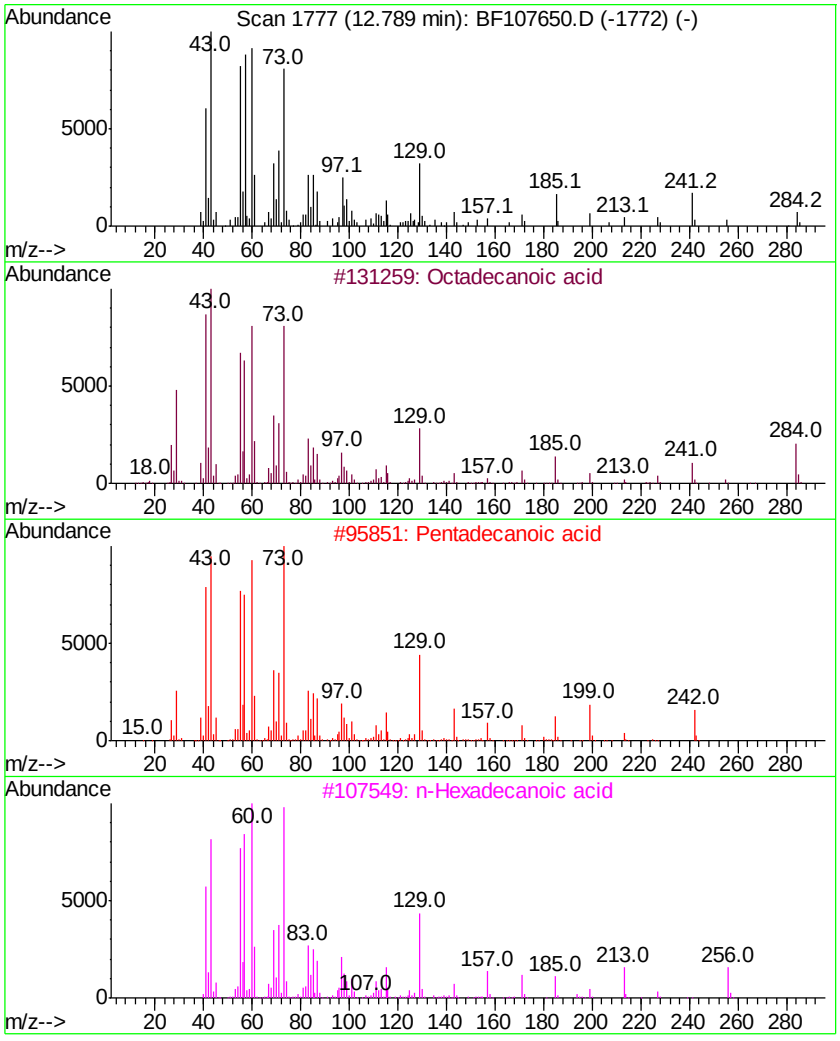
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

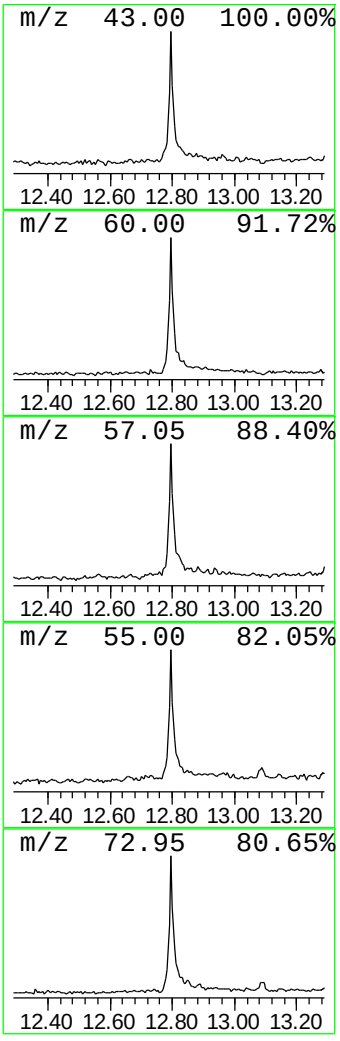
****

Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	4.21 ng	501647	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107650.D
Acq On : 25 Jul 2018 12:11
Operator : JU/SJ
Sample : J4101-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

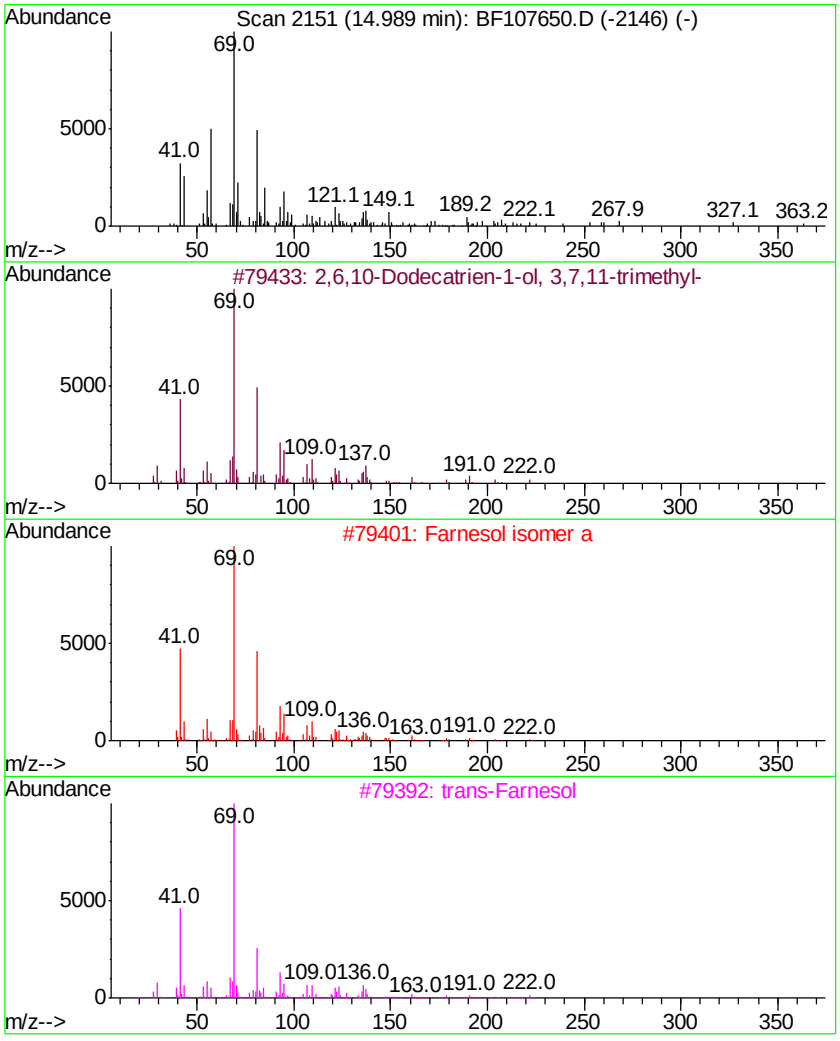
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

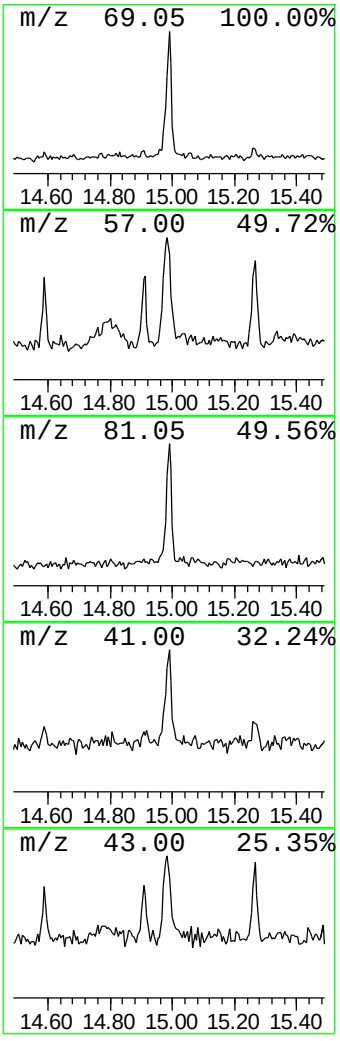
****

Peak Number 7 2,6,10-Dodecatrien-1-ol, 3,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	4.04 ng	174783	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	58
2	Farnesol isomer a	222	C15H26O	1000108-92-4	58
3	trans-Farnesol	222	C15H26O	000106-28-5	53
4	Butanoic acid, 2-methyl-, 3,7-di...	238	C15H26O2	068705-63-5	53
5	Supraene	410	C30H50	007683-64-9	52





Library Search Compound Report

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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
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TIC Library : C:\DATABASE\NIST11.L
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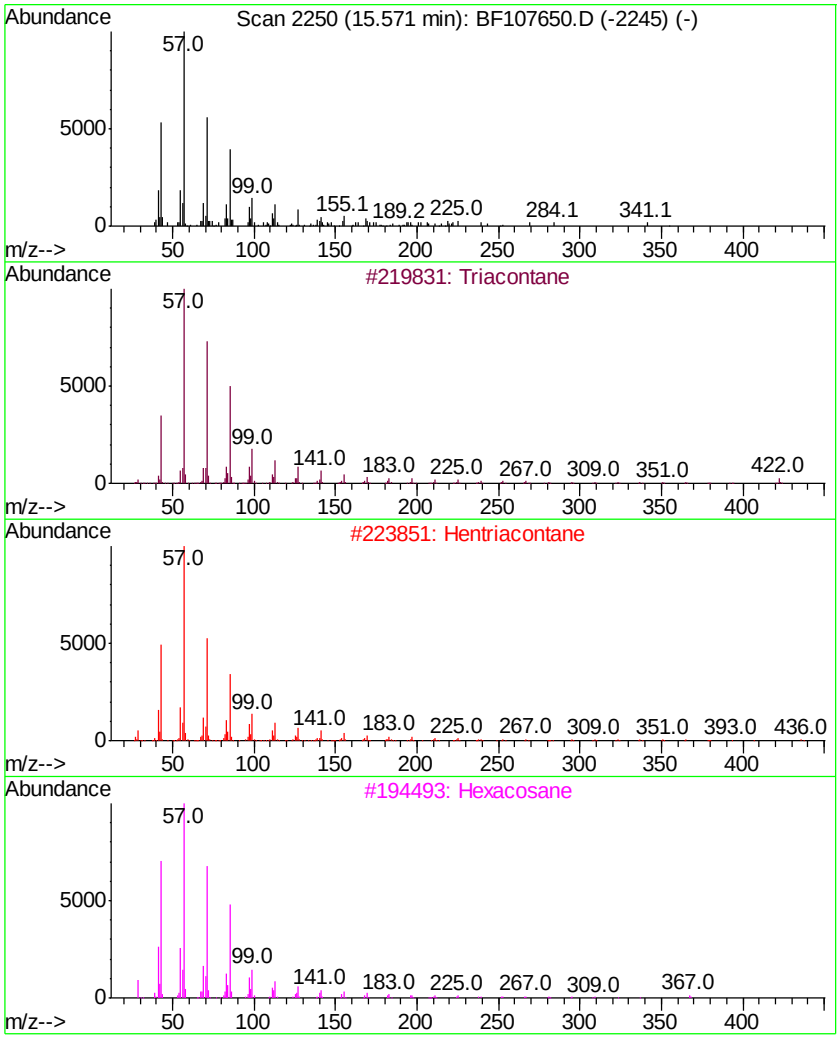
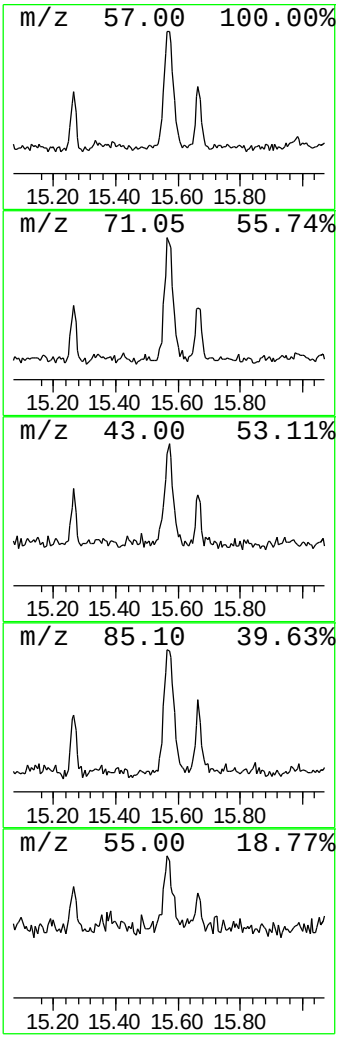
****

Peak Number 8 Triacontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	4.66 ng	201678	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	87
2	Hentriacontane	437	C31H64	000630-04-6	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86





Library Search Compound Report

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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

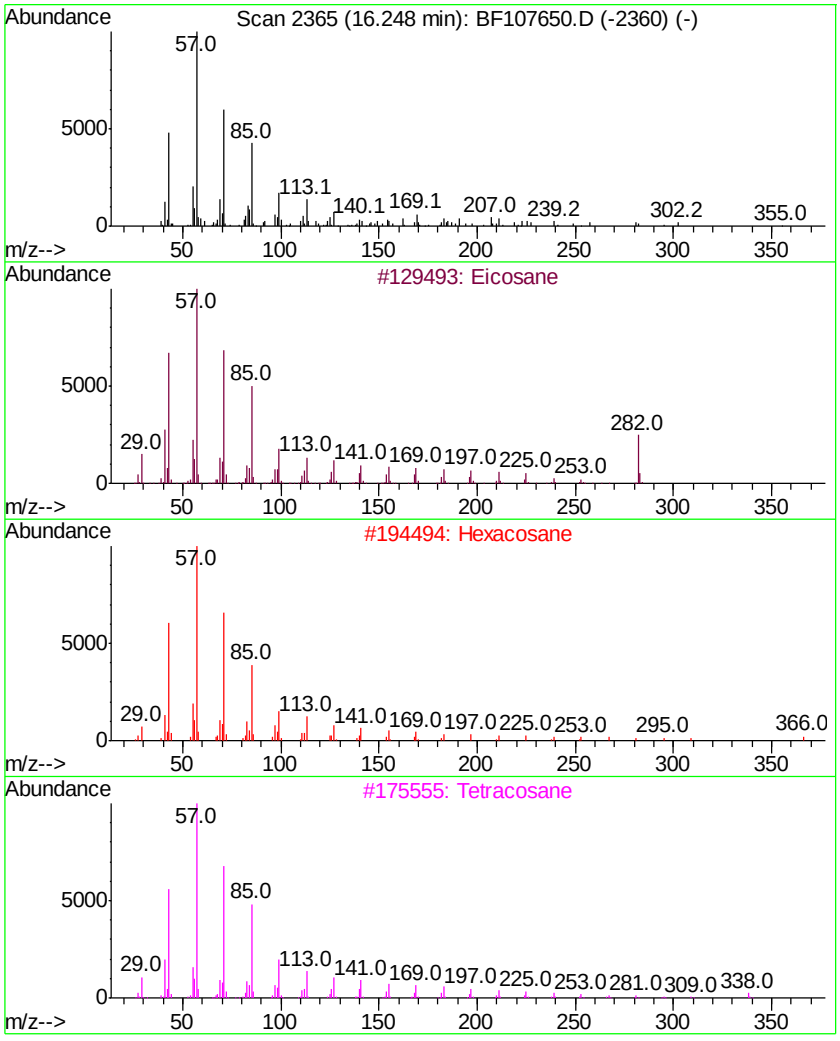
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

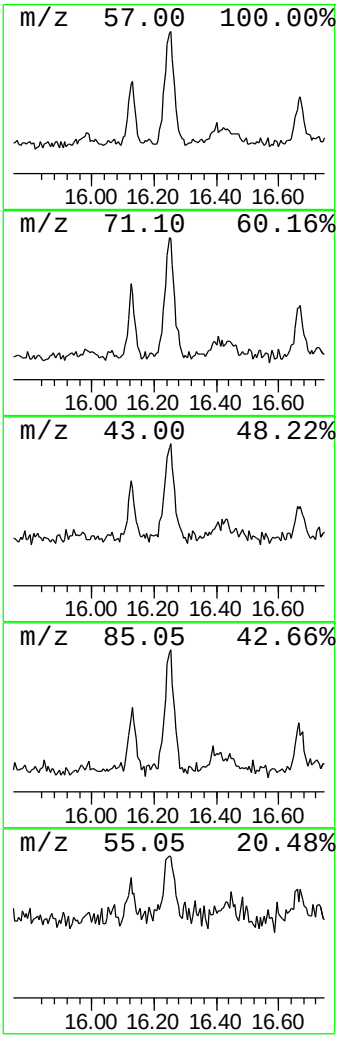
****

Peak Number 9 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	4.38 ng	189797	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexacosane	366	C26H54	000630-01-3	87
3	Tetracosane	338	C24H50	000646-31-1	86
4	Heptacosane	380	C27H56	000593-49-7	80
5	Docosane	310	C22H46	000629-97-0	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072518\
Data File : BF107650.D
Acq On : 25 Jul 2018 12:11
Operator : JU/SJ
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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
Silanol, trimethy...	3.08	2.5	ng	186073	1	6.97	1487510	20.0
4-Penten-2-one, 4...	3.85	6.0	ng	446696	1	6.97	1487510	20.0
3-Penten-2-one, 4...	4.64	33.5	ng	2493060	1	6.97	1487510	20.0
2-Pentanone, 4-hy...	5.23	9.0	ng	671237	1	6.97	1487510	20.0
n-Hexadecanoic acid	12.01	2.3	ng	279045	4	11.50	2383480	20.0
Octadecanoic acid	12.79	4.2	ng	501647	4	11.50	2383480	20.0
2,6,10-Dodecatrie...	14.99	4.0	ng	174783	6	15.68	866002	20.0
Triacontane	15.57	4.7	ng	201678	6	15.68	866002	20.0
Eicosane	16.25	4.4	ng	189797	6	15.68	866002	20.0